



**UNDERGRADUATE ACADEMIC CATALOG**  
**SUMMER 2021– SPRING 2022**



**UNIVERSITY OF**  
**LOUISVILLE®**

# TABLE OF CONTENTS

Undergraduate .....	6	Academic Standing .....	67
About the University of Louisville .....	6	Class Attendance .....	70
Academic Calendar .....	7	Dean's List and Scholars .....	70
Academic Freedom .....	9	Final Examinations .....	70
Americans with Disabilities Act .....	9	Grading .....	71
Drug-Free Schools and Campuses .....	10	Incompletes .....	71
History of the University .....	12	Graduation Policies .....	72
Institutional and Professional Accreditation .....	13	Catalog Year .....	73
Leadership .....	15	General Education: Cardinal Core .....	73
Mission Statement .....	15	Graduation and Degree Requirements .....	76
Admission .....	16	Graduation with Academic Honors .....	78
Admission to the College of Arts and Sciences .....	20	Residency Requirements .....	80
Admission to the College of Business .....	23	Student Records, Rights and Responsibilities .....	80
Admission to the Dental Hygiene Program .....	25	Academic Grievances .....	82
Admission to the College of Education and Human Development .....	26	Classification of Students .....	82
Admission to the Kent School of Social Work and Family Science .....	28	Code of Student Conduct .....	82
Admission to the School of Music .....	30	Code of Student Rights and Responsibilities .....	83
Admission to the School of Nursing .....	33	Religious Days and Observances .....	84
Admission to the School of Public Health and Information Sciences .....	36	Student Records .....	84
Admission to the J.B. Speed School of Engineering .....	37	Academic Unit Information .....	85
Campus Maps .....	38	College of Arts and Sciences .....	85
Academic Support .....	38	College of Business .....	90
Student Resources .....	41	College of Education and Human Development .....	93
Financial Information .....	47	Continuing Studies .....	95
University-Wide Academic Policies .....	49	J.B. Speed School of Engineering .....	96
Course Registration Policies .....	50	Raymond A. Kent School of Social Work and Family Science .....	101
Academic Advising .....	53	School of Dentistry .....	103
Alternative Coursework .....	54	School of Music .....	105
Auditing Courses .....	58	School of Nursing .....	107
Course Load .....	59	School of Public Health and Information Sciences .....	110
Pass/Fail .....	60	Programs of Study .....	111
Registration .....	60	Majors .....	115
Repeating Courses .....	61	Accountancy (BSBA) .....	117
Undergraduate and Graduate Courses .....	61	American Sign Language Interpreting Studies (BS) .....	119
Withdrawals .....	62	Anthropology (BA) .....	121
Student Success Policies .....	63	Anthropology (BS) .....	125
Academic Forgiveness .....	66	Art (BA) .....	127
Academic Fresh Start .....	66	Art - Fine Art (BFA) .....	130
		Art History (BA) .....	136
		Asian Studies (BA) .....	139
		Atmospheric Science (BS) .....	142

Bioengineering (BS) .....	144	Music, General (BA) .....	344
Biology (BA) .....	147	Music History (BM) .....	347
Biology (BS) .....	150	Music, Instrumental Performance (BM) .....	350
Business Administration (BBA) .....	155	Music, Jazz Performance (BM) .....	352
Business Economics (BS) .....	157	Music, Jazz Studies (BA) .....	356
Chemical Engineering (BS) .....	159	Music, Organ Performance (BM) .....	360
Chemistry (BA) .....	163	Music, Piano Performance (BM) .....	362
Chemistry (BS) .....	165	Music Theory (BM) .....	366
Civil Engineering (BS) .....	171	Music Therapy (BM) .....	369
Communication (BA) .....	173	Music, Vocal Performance (BM) .....	376
Communication (BS) .....	176	Neuroscience (BS) .....	379
Computer Information Systems (BSBA) .....	179	Nursing (RN-BSN Program) (BSN) .....	381
Computer Science (BA) .....	184	Nursing, Pre-Licensure Program (BSN) .....	383
Computer Science and Engineering (BS) .....	186	Organizational Leadership and Learning (BS) .....	386
Criminal Justice (BS) .....	188	Organizational Leadership and Learning, Track in Healthcare Leadership (BS) .....	389
Criminal Justice with a 3+3 Track to Law (BS) .....	192	Pan-African Studies (BA) .....	390
Dental Hygiene (BS) .....	195	Pan-African Studies (BS) .....	394
Early Elementary Education (BS) .....	198	Philosophy (BA) .....	398
Economics (BA) .....	212	Physics (BA) .....	405
Electrical Engineering (BS) .....	214	Physics (BS) .....	407
English (BA) .....	218	Political Science (BA) .....	412
Equine Business (BSBA) .....	222	Political Science (BS) .....	417
Finance (BSBA) .....	225	Psychology (BA) .....	419
French (BA) .....	227	Psychology (BS) .....	422
Geography, Applied (BS) .....	229	Public Health (BA) .....	424
Health and Human Performance (BS) .....	235	Public Health (BS) .....	430
History (BA) .....	240	Social Work (BSW) .....	436
History with 3+3 Track to Law (BA) .....	244	Sociology (BA) .....	439
Humanities (BA) .....	247	Sociology (BS) .....	446
Individualized Major (Liberal Studies) (BA) .....	252	Spanish (BA) .....	451
Industrial Engineering (BS) .....	254	Sport Administration (BS) .....	454
Latin American and Latino Studies (BA) .....	257	Sustainability (BA) .....	456
Management (BSBA) .....	260	Theatre Arts (BS) .....	459
Marketing (BSBA) .....	262	Urban Studies (BS) .....	461
Mathematics (BA) .....	265	Women's, Gender and Sexuality Studies (BA) .....	464
Mathematics (BS) .....	267	Women's, Gender and Sexuality Studies with a 3+3 Track to Law (BA) .....	468
Mechanical Engineering (BS) .....	271	Women's, Gender and Sexuality Studies (BS) .....	471
Middle/Secondary Education (BS) .....	274	Minors .....	475
Music and New Media (BA) .....	292	Actuarial Mathematics (Minor) .....	476
Music Composition (BM) .....	295	Aerospace Studies (Minor) .....	477
Music Education (BM) .....	298		
Music Education, Pre-Certification (BM) .....	322		

Anthropology, Socio-Cultural (Minor) .....	477	Healthcare Management (Minor) .....	494
Arabic (Minor) .....	478	History (Minor) .....	494
Archaeology (Minor) .....	478	Humanities (Minor) .....	495
Art (Minor) .....	478	International Business (Minor) .....	495
Art History (Minor) .....	479	Italian (Minor) .....	496
Asian Studies (Minor) .....	479	Japanese (Minor) .....	496
Atmospheric Physics (Minor) .....	480	Jewish Studies (Minor) .....	496
Biology (Minor) .....	480	Latin American and Latino Studies (Minor) .....	497
Black Performance Studies (Minor) .....	481	Leadership (Minor) .....	498
Business Administration (Minor) .....	481	Leadership and Talent Development (Minor) .....	499
Chemistry (Minor) .....	482	LGBTQ Studies (Minor) .....	500
Chinese (Minor) .....	482	Linguistics (Minor) .....	500
Chinese Studies (Minor) .....	482	Management (Minor) .....	501
Classical Studies (Minor) .....	483	Marketing (Minor) .....	501
Communication (Minor) .....	483	Mathematics (Minor) .....	502
Community Health (Minor) .....	483	Middle East and Islamic Studies (Minor) .....	502
Computer Information Systems (Minor) .....	484	Music (Minor) .....	503
Computer Engineering (Minor) .....	484	Music and New Media (Minor) .....	503
Computer Science (Minor) .....	485	Pan-African Studies (Minor) .....	504
Criminal Justice (Minor) .....	485	Peace, Justice, and Conflict Resolution (Minor) .....	504
Data Analytics (Minor) .....	485	Philosophy (Minor) .....	504
Deaf Studies (Minor) .....	486	Philosophy, Politics, and Economics (Minor) .....	505
Diversity and Inequality (Minor) .....	486	Physics (Minor) .....	505
Economics (Minor) .....	486	Political Science (Minor) .....	506
English Creative Writing (Minor) .....	487	Psychology (Minor) .....	506
English Literature (Minor) .....	487	Public Health (Minor) .....	506
English Professional and Public Writing (Minor) .....	487	Public Health Nutrition (Minor) .....	507
Entrepreneurship (Minor) .....	488	Race/Gender Studies (Minor) .....	507
Environmental Analysis (Minor) .....	488	Religious Studies (Minor) .....	508
Environmental Health (Minor) .....	488	Russian Studies (Minor) .....	509
Epidemiology (Minor) .....	489	Social Change (Minor) .....	509
Equine Business (Minor) .....	489	Sociology (Minor) .....	509
Exercise Science (Minor) .....	490	Sociology of Culture (Minor) .....	510
Film Studies and Production (Minor) .....	490	Spanish (Minor) .....	510
Finance (Minor) .....	490	Sport Administration (Minor) .....	511
Forensic Anthropology (Minor) .....	491	Statistics and Data Science, Applied (Minor) .....	511
French (Minor) .....	491	Theatre Arts (Minor) .....	512
Geography (Minor) .....	491	Urban and Regional Analysis (Minor) .....	512
German (Minor) .....	492	Women's, Gender and Sexuality Studies (Minor) .....	512
Global Public Health (Minor) .....	492	Undergraduate Certificates .....	513
Health, Medicine and Well-Being (Minor) .....	493	Accounting .....	513
Healthcare Leadership (Minor) .....	493	Equine Business .....	514

Ethics .....	514	Education: Leadership, Evaluation & Org. Development (LEAD/ ELFH) .....	667
Geospatial Technologies, Applied .....	515	Education: Special Education (EDSP) .....	677
Healthcare Leadership .....	515	Education: Teacher Preparation (EDTP) .....	683
Human Resource Leadership .....	516	Educational & Counseling Psychology (ECPY) .....	690
LGBTQ Health Studies .....	517	Electrical & Computer Engineering (ECE) .....	692
Peace, Justice, and Conflict Transformation .....	517	Engineering Fundamentals (ENGR) .....	699
Police Executive Leadership Development .....	519	Engineering Management (EM) .....	701
Graduate Programs and Professional Study .....	520	English (ENGL) .....	701
Faculty .....	522	Entrepreneurship (ENTR) .....	714
Undergraduate Courses A-Z .....	552	Equine Administration (EQIN) .....	715
Accounting (ACCT) .....	554	Exercise Physiology (EXP) .....	718
Aerospace Studies (AIRS) .....	557	Finance (FIN) .....	718
American Sign Language (ASL) .....	559	French (FREN) .....	722
Anatomical Sciences & Neurobiology (ASNB) .....	560	General Studies (GEN) .....	726
Anthropology (ANTH) .....	562	Geography (GEOG) .....	727
Arabic (ARAB) .....	574	Geosciences (GEOS) .....	733
Art (Studio) (ART) .....	575	German (GER) .....	735
Art History (ARTH) .....	586	Global Public Health (GLPH) .....	737
Asian Studies (AST) .....	593	Greek (GR) .....	738
Biochemistry (BIOC) .....	596	Health & Sport Sciences (HSS) .....	739
Bioengineering (BE) .....	597	Hebrew (HEBR) .....	751
Biology (BIOL) .....	600	History (HIST) .....	752
Business (BUS) .....	610	Honors (HON) .....	766
Business Statistics (BSTA) .....	611	Humanities (HUM) .....	769
Campus Culture / Business (CAMP) .....	612	Industrial Engineering (IE) .....	778
Chemical Engineering (CHE) .....	612	Interpreter Training (ITP) .....	781
Chemistry (CHEM) .....	616	Italian (ITAL) .....	784
Chinese (CHNS) .....	621	Japanese Language (JAPN) .....	785
Chinese Studies (CHST) .....	622	Japanese Studies (JPST) .....	786
Civil & Environmental Engineering (CEE) .....	623	Justice Administration (JA) .....	786
Commercial Law (CLAW) .....	627	Latin (LAT) .....	787
Communication (COMM) .....	628	Latin American & Latino Studies (LALS) .....	788
Communicative Disorders (CMDS) .....	636	Liberal Studies (LBST) .....	789
Computer Science & Engineering (CSE) .....	638	Linguistics (LING) .....	789
Computer Information Systems (CIS) .....	643	Management (MGMT) .....	792
Criminal Justice (CJ) .....	650	Marketing (MKT) .....	798
Criminalistics & Criminology (CC) .....	657	Math/Pathways (MAT) .....	801
Critical & Curatorial Studies (CCS) .....	657	Mathematics (MATH) .....	802
Dental Hygiene Education (DHED) .....	658	Mechanical Engineering (ME) .....	807
Economics (ECON) .....	660	Military Science (MILS) .....	812
Education: Advanced Practitioner (EDAP) .....	665	Modern Languages (M L) .....	814

Music (MUS) .....	818
Music Education (MUED) .....	842
Music Education (MUSE) .....	845
Music History (MUH) .....	845
Music Therapy (MUTH) .....	848
Nursing (NURS) .....	850
Pan-African Studies (PAS) .....	859
Peace, Justice & Conflict Transformation (PEAC) .....	871
Pharmacology & Toxicology (PHTX) .....	872
Philosophy (PHIL) .....	873
Philosophy, Politics, & Economics (PPE) .....	879
Physics & Astronomy (PHYS) .....	879
Physiology (PHZB) .....	885
Planning (PLAN) .....	885
Political Science (POLS) .....	886
Portuguese (PORT) .....	895
Psychology (PSYC) .....	896
Public Administration (PADM) .....	905
Public Health, Epidemiology (PHEP) .....	905
Public Health, Biostatistics (PHST) .....	907
Public Health, Health Promotion & Behavioral Science (PHPB) .....	909
Public Health, Environmental Health (PHEH) .....	911
Public Health, Management Systems Sciences (PHMS) .....	912
Public Health, Public Health (PHPH) .....	913
Russian (RUSS) .....	915
Social Change (SCHG) .....	917
Social Work (SW) .....	919
Sociology (SOC) .....	924
Spanish (SPAN) .....	931
Sport Administration (SPAD) .....	935
Sustainability (SUST) .....	938
Theatre Arts (TA) .....	940
Urban Studies (URBS) .....	946
Women's, Gender & Sexuality Studies (WGST) .....	947
Undergraduate Catalog Archive .....	958
Index .....	960

# UNDERGRADUATE



This catalog is applicable to students who enroll at the University of Louisville beginning Summer 2021 through Spring 2022. The University catalog is the official source for all degree program and academic requirements as well as institutional policies and procedures. It is the document of authority for all students. The program requirements listed in the catalog supersede any information which may be contained in the bulletin of any school or department.

« View previous versions (p. 958)

**Revised May 2021.**

The University of Louisville is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, bachelor, master, specialist, doctoral, and first-professional degrees (D.M.D., J.D., M.D.).

Questions about the accreditation of the University of Louisville may be directed in writing to the **Southern Association of Colleges and Schools Commission on Colleges** at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([sacscoc.org](http://sacscoc.org) (<http://sacscoc.org/>)).

The University of Louisville reserves the right to change programs of study, academic policies, academic requirements, fees, course information, procedures for the confirmation of degrees, or the announced academic calendar and related deadlines without prior notice.

The provisions of this publication do not constitute an express or implied contract between the University of Louisville and any member of the student body, faculty, or general public.

The University of Louisville is an equal-opportunity institution and does not discriminate against persons because of race, religion, sex, age, handicap, color, citizenship or national origin. If responses from the unit staff are unsatisfactory, inquiries or complaints about illegal discrimination including sexual harassment or handicap access can be made to Employee Relations and Compliance (<https://louisville.edu/hr/employeerelations/>) by calling (502) 852-6538.

*The Redbook* is the official statement of the organizational structure, the rules of governance and procedures, and university-wide policies of the University of Louisville. If there is any conflict between the policies, procedures or other statements contained within this catalog, *The Redbook* shall govern. A copy of " (<http://louisville.edu/provost/redbook/contents.html>) *The Redbook*" is available electronically.

Additional policies and information covering students can be found in the Student Handbook (<http://louisville.edu/dos/students/studentpoliciesandprocedures/student-handbook/>).

Admissions criteria for many of the colleges and schools are reviewed periodically. Students should contact their anticipated unit or the Office of Admissions for information on the requirements in effect at the time of admission.

Students should check with their academic advisor concerning the Cardinal Core or General Education Requirements in effect at the time of their admission.

- © University of Louisville (<http://louisville.edu/>)
- Contact (<http://louisville.edu/contact.html>)

## About the University of Louisville



Founded in 1798 as one of the nation's first city-owned, public universities, the University of Louisville (UofL) is a vital ecosystem that creates thriving futures for students, the community and society. UofL is one of only 69 universities in the United States to earn recognition by the Carnegie Foundation as both a Research I and a Community Engaged university and is proud to be ranked among the nation's best institutions for African American and LGBT+ students, as well as a designated Military Friendly school. The institution is a producer of top scholars, including 148 Fulbright Scholarships awarded since 2003 - more than all other Kentucky public institutions combined - and has earned international acclaim for groundbreaking discoveries in areas including transplantation, cancer research, cardiac care and spinal cord research. This dynamic tapestry of diverse perspectives makes UofL a place where potential is unleashed and positive change for humankind is fueled.

UofL enrolls more than 22,000 students and offers undergraduate degrees in more than 50 fields of study, master's degrees in over 75 areas, and doctoral degrees in over 35 disciplines. The university also is accredited to grant professional degrees in medicine, dentistry, and law.

UofL contributes significantly to the economic, cultural and intellectual life of the Louisville community. The city itself also serves as a classroom for UofL students, who benefit from internships and partnerships with Fortune 500 companies, as well as a wide range of community service opportunities. The magnitude of UofL's achievements reach beyond Louisville into every corner of Kentucky and across the nation. Our alumni network is over 150,000 strong, with Cardinals living all over the Commonwealth of Kentucky, the United States, and around the world.

UofL has educated about 30 percent of Kentucky's physicians and attorneys and over 40 percent of its dentists.

At UofL, students learn from faculty members who are experts in their subject areas. Nearly 90 percent of full-time instructional faculty hold the highest degrees in their field. In addition to their classroom duties, UofL faculty are leading research projects funded at nearly \$161 million in federal, local, and private grants for Fiscal Year 2020.

Those same professors share the latest research, techniques, and knowledge with students in the classroom. Faculty and student researchers are aided by leading-edge computer systems and laboratories, including one of the nation's top academic clean rooms where work in bioengineering, nanotechnology and other high-demand fields takes place. They may also gather information from across the ages and around the world through the University Libraries system that offers more than 1.6 million volumes, 100,000 print and electronic journal titles, journal subscriptions, and unique resources through its special collections and archives.

A diverse and active student body enriches the educational experience at UofL. Students of color represent over 25% of student enrollment and international students represent 4.2 percent of total enrollment. While Kentucky students account for the majority of the student population, with over 40 percent coming from Jefferson County, over 20 percent of UofL students are from more than 50 other U.S. states and territories. More than 400 campus organizations help students meet new friends, develop leadership skills and explore new interests. Sports fans are able to enjoy Division I men's and women's athletics; UofL is a proud member of the Atlantic Coast Conference (ACC).

UofL's Belknap Campus is home to eight of its twelve academic schools and colleges: the College of Arts and Sciences, the College of Business, the College of Education and Human Development, the J.B. Speed School of Engineering, the Graduate School, the Brandeis School of Law, the School of Music, and the Kent School of Social Work. The Health Sciences Center, is located in downtown Louisville's medical complex, and is home to the schools of Medicine, Nursing, Dentistry, and Public Health and Information Sciences, along with University of Louisville Hospital and UofL Health - Jewish Hospital. The UofL Health enterprise includes an additional three hospitals, four medical centers, the Frazier Rehab Institute, Brown Cancer Center and nearly 200 physician practice locations.

Additional information about UofL can be found on the following pages:

- Mission Statement (p. 15)
- History of the University (p. 12)
- Institutional and Professional Accreditation (p. 13)
- Leadership (p. 15)
- Academic Freedom at the University (p. 9)
- Americans with Disabilities Act (p. 9)
- Drug-Free Schools and Campuses (p. 10)
- Academic Calendar (p. 7)

## Academic Calendar



### 2021-2022 Academic Calendars by Term Summer 2021

#### Summer 2021 Term I

Classes start	May 10	Monday
Last day to drop/add	May 11	Tuesday
Last day to withdraw	May 20	Thursday
Last day of classes	May 28	Friday
Degree date	August 10	Tuesday

#### Summer 2021 Term II

Classes start	June 1	Tuesday
Last day to drop/add	June 3	Thursday
Last day to withdraw	June 21	Monday
Independence Day Holiday	July 5	Monday
Last day of classes	July 6	Tuesday
Degree date	August 10	Tuesday

#### Summer 2021 Ten-Week Term

Classes start	June 1	Tuesday
Last day to drop/add	June 4	Friday
Independence Day holiday	July 5	Monday
Last day to withdraw	July 14	Wednesday
Last day of classes/ degree date	August 10	Tuesday

#### Summer 2021 Term III

Classes start	July 7	Wednesday
Last day to drop/add	July 9	Friday
Last day to withdraw	July 28	Wednesday
Last day of classes/ degree date	August 10	Tuesday

#### J.B. Speed School of Engineering Summer 2021 Term

Classes start	May 17	Monday
Last day to drop/add	May 20	Thursday
Memorial Day holiday	May 31	Monday
Last day to withdraw	June 25	Friday

Independence Day holiday	July 5	Monday
Last day of classes	July 23	Friday
Final exam period	July 26-29	Monday-Thursday
Degree date	August 10	Tuesday

### Kent School of Social Work Summer 2021 Term

Classes start	May 10	Monday
Last day to drop/add	May 13	Thursday
Memorial Day holiday	May 31	Monday
Last day to withdraw	June 23	Wednesday
Independence Day holiday	July 5	Monday
Last day of classes	July 24	Saturday
Degree date	August 10	Tuesday

### School of Nursing Summer 2021 Term

Classes start	May 19	Wednesday
Last day to drop/add	May 24	Monday
Memorial Day holiday	May 31	Monday
Last day to withdraw	June 29	Tuesday
Independence Day holiday	July 5	Monday
Last day of classes	July 27	Tuesday
Degree Date	August 10	Tuesday

## Fall 2021

### Regular Full-Term Courses

Classes start	August 23	Monday
Last day to add/drop a course	August 27	Friday
Last day to withdraw	October 22	Friday
Last day of classes	December 6	Monday
Reading day	December 7	Tuesday
Final examinations	December 8-14	Wednesday-Tuesday

### First Half-Term Courses

Classes Start	August 23	Monday
Last day to add/drop	August 25	Wednesday
Last day to withdraw	September 21	Tuesday
Last day of classes/ final exam (if needed)	October 13	Wednesday

### Second Half-Term Classes

Classes start	October 14	Thursday
Last day to add/drop	October 18	Monday
Last day to withdraw	November 11	Thursday
Last day of classes/ final exam (if needed)	December 6	Monday

### Holidays, Degree Date, and Commencement

Labor Day holiday	September 6	Monday
Fall Break	October 4-5	Monday-Tuesday

Thanksgiving break	November 24-28	Wednesday-Sunday
Degree date	December 17	Friday
December commencement	December 17 (subject to venue availability)	Friday

## Winter 2021-22

Classes Start	December 15	Wednesday
Last day to drop/add	December 16	Thursday
Last day to withdraw	December 24	Friday
Last day of classes	January 4	Tuesday
Final exam (if needed)	January 5	Wednesday

## Spring 2022

### Regular Full-Term Courses

Classes start	January 10	Monday
Last day to add/drop a course	January 14	Friday
Last day to withdraw	March 9	Wednesday
Last day of classes	April 25	Monday
Reading day	April 26	Tuesday
Final examinations	April 27-May 3	Wednesday-Tuesday

### First Half-Term Courses

Classes Start	January 10	Monday
Last day to add/drop	January 12	Wednesday
Last day to withdraw	February 8	Tuesday
Last day of classes/ final exam (if needed)	February 28	Monday

### Second Half-Term Classes

Classes start	March 1	Tuesday
Last day to add/drop	March 3	Thursday
Last day to withdraw	April 5	Tuesday
Last day of classes/ final exam (if needed)	April 25	Monday

### Holidays, Degree Date, and Commencement

Martin Luther King holiday	January 17	Monday
Spring Break	March 14-20	Monday-Sunday
Degree date	May 14	Saturday
Spring commencement	May 14 (subject to venue availability)	Saturday

Note: The University reserves the right to change the announced academic calendar without prior notice.

## Policy on Work-Restricted Religious Holy Days

Federal law and University policy prohibit discrimination on the basis of religious belief. It is the policy of the University of Louisville to accommodate students, faculty, and staff who observe religious work-restricted holy days. Students who observe work-restricted religious

holy days must be allowed to do so without jeopardizing their academic standing in any course. Faculty are obliged to accommodate students' request(s) for adjustments in course work on the grounds of religious observance, provided that the student(s) make such request(s) in writing during the first two (2) weeks of term.

Deans and department chairs must investigate and resolve student complaints arising from alleged faculty failure to make reasonable accommodation under these guidelines.

A calendar of typical work-restricted holy days is available through the Office of Diversity & Equity (<http://louisville.edu/provost/diversity/policies.html>). Information about specific holidays is also available by phone from the Office of the Provost at (502) 852-6153.

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## Academic Freedom

Academic institutions in a democratic society exist for the pursuit of truth, the development and conservation of knowledge, the transmission of learning, and the enhancement of the general well-being of such society. Free inquiry and free expression are indispensable to the attainment of these goals. The University of Louisville is, therefore, committed to protecting the academic freedom of all members of the University community.

Freedom to learn and freedom to teach are inseparable facets of academic freedom. Students have a right to their own views on matters of opinion, rather than fact, and a right to express those views in appropriate ways without fear of arbitrary reaction or improper disclosure of such opinions outside the classroom.

Teachers are entitled to full freedom in research, publication, academic evaluation, and classroom expression. Academic freedom carries the corresponding responsibilities to be thoroughly prepared and well informed in their fields of knowledge and to be scrupulous in distinguishing between personal and professional judgments and between fact and opinion.

Membership in the academic community imposes on students, faculty, staff, administrators, and trustees of the University an obligation to adhere to standards of academic honesty, to respect the dignity of others, to acknowledge their right to express differing opinions, and to foster and defend intellectual honesty, freedom of inquiry and instruction, and free expression both on and off the campus.

*Source: University of Louisville Redbook, Section 2.5.1, approved July 1979.*

## Americans with Disabilities Act



## Americans with Disabilities Act

The University of Louisville (UofL) is committed to providing equal opportunity for persons with disabilities. This commitment includes complying with the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973. UofL strives to maintain a barrier-free, welcoming environment for all qualified persons with disabilities.

The university's ADA Coordinator oversees the University's compliance with the ADA and Section 504, and assists unit heads in meeting their equal opportunity obligations. The ADA coordinator is located in the Dean of Students suite in the SAC:

### ADA Coordinator

SAC-W301  
(502) 852-5787  
[titleix@louisville.edu](mailto:titleix@louisville.edu)

The Disability Resource Center staff (502-852-6938) will assist the University community by serving as an information resource center and coordinating support services for students with disabilities. No otherwise qualified individual with a disability shall, solely by reason of such disability, be excluded from participation in, be denied benefits of, or be subjected to discrimination in university programs. The President, Board of Trustees, Student Government, Faculty and Staff Senates affirm UofL's long standing and continuing commitment to Equal Opportunity for persons with disabilities.

### Formal Student ADA Complaint Procedure

The university has a continuing responsibility to monitor and maintain its compliance with the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973 (Section 504) and their implementing regulations. Internal student complaints alleging non-compliance with the ADA and/or Section 504 should follow the university's complaint procedure (<https://louisville.edu/disability/students/formal-complaint-procedure/>).

The university's formal complaint procedure provides for prompt and equitable resolution of complaints.

Complaints should be directed to the UofL ADA Coordinator at (502) 852-8757 or [titleix@louisville.edu](mailto:titleix@louisville.edu).

### Filing a Formal Complaint of Disability Discrimination

A complaint must be filed in writing with the Coordinator. The complaint should contain the name and address of the person filing it and a brief description of the alleged violation. Upon receipt of the written complaint, the Coordinator or his designee shall acknowledge receipt within five workdays.

A complaint should be filed within 180 days after the complainant becomes aware of the alleged violation; however, a complaint filed after that point may be investigated in accordance with this procedure as necessary, in the judgment of the ADA Coordinator, to ensure the university's compliance with the ADA and/or Section 504.

An investigation, as may be appropriate, shall follow a filing of complaint. The Coordinator's office shall conduct the investigation. This University complaint procedure involves an informal but thorough investigation, affording all interested persons and their representatives, if any, an opportunity to submit information relevant to a complaint.

Following completion of the investigation, a written determination as to the validity of the complaint and a description of the resolution, if any, shall be issued by the Coordinator's office and a copy forwarded to the complainant and any individually-named respondent within 60 days of the date the complaint was filed. Should extenuating circumstances (e.g., unavailability of key witnesses, family emergency of investigative staff, etc.) prevent completion of the investigation and determination process within 60 days, the complainant and any individually-named respondents will be timely notified in writing, and will be kept apprised of the status of the Coordinator's handling of the complaint through resolution. In all disputes arising under Section 504 or the ADA the proper standard of proof is preponderance of the information (i.e., more likely than not that the violation alleged in the complaint is true).

The Coordinator's Office shall maintain the files and records relating to the complaints filed.

### Requesting Reconsideration of a Determination

The complainant (and any individually named respondent, as appropriate) may request a reconsideration if dissatisfied with the Coordinator's determination. The request for reconsideration should be made in written or electronic form within 15 workdays to the Coordinator's Office.

Requests for reconsideration must present information showing that:

- The original determination applied the incorrect standard or applied the applicable standard incorrectly to the facts of the case; or
- New information that might affect the outcome of the determination but was not available to the Coordinator at the time of the original determination is now available and should be considered.

The Coordinator shall, barring extenuating circumstances that preclude a more timely response (in which case the complainant shall be updated as to the status of the reconsideration request), rule upon the request for reconsideration within 15 workdays after receipt of the request.

#### An Internal ADA complaint does not preclude other remedies.

The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as the filing of a discrimination complaint with the responsible federal department or agency. Use of this complaint procedure is not a prerequisite to the pursuit of other remedies, nor does one's pursuit of outside remedies preclude one's filing a complaint pursuant to this procedure.

These rules shall be construed to protect interested persons, to meet appropriate due process standards, and to assure that the university complies with the ADA, Section 504, and their implementing regulations.

## Drug-Free Schools and Campuses



### Drug-Free Schools and Campuses

#### Drug-Free Schools and Crime Awareness, Campus Security Information Report 1993, and Communities Act Amendments of 1989

##### Purpose and Goal

The University of Louisville is committed to protecting the safety, health and wellbeing of all students, faculty, and staff and other individuals in our workplace. As a recipient of federal grants and contracts, the university gives this notice to students, faculty, and staff that it is in compliance with the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V Subtitle D) and the Drug-Free Schools and Communities Act Amendment of 1989. Students, faculty and staff are herein notified of the standards of conduct that will be applicable while on university property, business, and/or at university-sponsored activities. This policy is incorporated and is a part of the official University of Louisville Policies and Procedures.

This policy recognizes that student, faculty, and staff involvement with alcohol and other drugs can be very disruptive, adversely affect the quality of work or academic performance of student, faculty, and staff, pose serious health risks to users and others, and have a negative impact on productivity and morale.

As a condition of employment or enrollment, the university requires that students, faculty, and staff adhere to a strict policy regarding the use and possession of drugs and alcohol. The university encourages students, faculty, and staff to voluntarily seek help with drug and alcohol problems.

##### Prohibited Behaviors

Under university regulations, federal law, state law, and, in some instances, local ordinance, students, faculty, and staff are prohibited from the unlawful possession, use, dispensation, distribution, or manufacture of illicit drugs on university property, on university business and/or at university-sponsored activities. Under this policy, students, faculty and staff are required to abide by state laws concerning alcoholic beverages.

Kentucky law (<https://apps.legislature.ky.gov/>) (KRS 244.085 (<https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=45137>)) states that, if one is under the age of 21, it is unlawful to:

- Possess or consume alcoholic beverages,
- Misrepresent one's age for the purpose of purchasing alcoholic beverages, or
- Use a fake ID in an attempt to purchase alcoholic beverages.

It is unlawful for anyone of any age to:

- Procure any alcoholic beverages for anyone under 21 years of age,
- Drink or be intoxicated in a public place (Public Intoxication KRS 525.100 (<https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=19929>))

University campuses and buildings are considered as public places for purposes of these laws, except for a facility licensed to serve alcoholic beverages, and a facility used as a private residence, unless university regulations state otherwise. Ordinances of the Greater Louisville area parallel the state laws.

The specifically defined standards of conduct, the disciplinary procedures, and the appropriate sanctions are detailed in the Code of Student Conduct (p. 82), Personnel Policies and Procedures (PER-5.01), Staff Handbook (Disciplinary Action, page 8.2) and *The Redbook*.

In addition, it is a violation of state law to operate a motor vehicle while under the influence of any substance that may impair one's driving ability (drugs or alcoholic beverages).

Prescription and over-the-counter drugs are not prohibited when taken in standard dosage and/or according to a physician's prescription. Any student, faculty, and staff taking prescribed or over-the-counter medications will be responsible for consulting the prescribing physician and/or pharmacist to ascertain whether the medication may interfere with job or academic performance.

The illegal or unauthorized use of prescription drugs is prohibited. It is a violation of our drug-free workplace to intentionally misuse and/or abuse prescription medications. Appropriate disciplinary action will be taken if job or academic performance deterioration and/or other accidents occur.

## Consequences for Violating This Policy

Under university regulation, students who violate this standard of conduct are subject to student conduct action from a warning to expulsion from the University. Students who reside in university housing are subject to further conduct action that may vary from a warning to termination of their housing contract.

## Notice of Drug-Related Conviction

In compliance with the Federal Drug-Free Workplace Act of 1988, any employee shall notify the immediate supervisor if the employee is convicted of a criminal drug offense occurring in the workplace or while on university business within five days of the conviction. The university shall take appropriate sanction and remedies in accordance within its policies. The provisions of this section are applicable to students who are employees of the university. If the employee is under a federal contract or grant, the university shall notify the contracting or granting agency of the conviction and of its actions. This section of this policy is also applicable to students who receive a Pell grant (federal grant).

## Health Risks

The scope and impact of health risks from alcohol and drug use are both alarming and well documented, ranging from mood-altering to life-threatening, with consequences that extend beyond the individual to family, organizations and society at large. The university, therefore, conducts regular programs to educate its students, faculty, and staff that consumption and use of drugs may alter behavior, distort perception,

impair thinking, impede judgment, and lead to physical or psychological dependence.

Alcohol and/or drug use may lead to the deterioration of physical health by causing or contributing to various health conditions including but not limited to fatigue, nausea, personal injury, insomnia, pathological organ damage, some forms of cancer, pancreatitis, heart attack, respiratory depression, birth defects, convulsions, coma, and even death. Alcohol and drug use may also result in deterioration of mental health by causing or contributing to various conditions such as increased aggression, hallucinations, depression, disorientation, and psychosis.

Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol also increases the incidence of a variety of aggressive acts, including spouse and child abuse.

Moderate to high doses of alcohol cause marked impairments in higher mental functions, severely altering a person's ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described. Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life-threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and intellectual disabilities. In addition, research indicates that children of alcoholic parents are at greater risk than other children of becoming alcoholics.

## Training, Counseling, and Resources

The University of Louisville is committed to the overall health and well-being of students, faculty, and staff and encourages a compassionate university.

## Required online sexual assault prevention and alcohol awareness training programs

Consistent with federal law, UofL requires, as a condition of course registration, that all incoming students complete online sexual assault prevention training and, for students who will be under the age of 21 on the "add" deadline in the semester they matriculate at UofL, alcohol awareness training. Emails are sent to each student's UofL email account (beginning about 5 weeks before their first semester begins) to provide specific directions for accessing the training programs.

The sexual assault prevention course and alcohol awareness course are **two separate programs**. There is no fee for either program.

Visit the Title IX (<https://louisville.edu/titleix/>) website for more information.

## Kentucky Medical Amnesty Law

KRS 244.992 (<https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=42516>) Medical amnesty for persons reporting an alcohol overdose:

(1) A person shall be immune from prosecution for the criminal offenses identified in subsection (2) of this section if:

(a) A law enforcement officer has contact with the person because the person:

1. Requests emergency medical assistance for himself or herself or another person;
2. Acts in concert with another person who requests emergency medical assistance; or
3. Appears to be in need of emergency medical assistance and is the individual for whom the request is made

See KRS 244.992 for full text.

## Good Samaritan Consideration

The health and safety of our students is of the highest priority. At times, students may need immediate medical or other professional assistance. However, students may be reluctant to get help because of concerns that their own behavior may be a violation of the Code of Student Conduct (p. 82). Although policy violations cannot be overlooked, the University will consider the positive impact of reporting an incident when determining the appropriate response for policy violations.

Continuous efforts are made to make students, faculty, and staff aware of programs that provide information and professional services on matters related to the abuse of alcohol and drugs.

The Building Resilience In Campus Community (BRICC) Coalition, Counseling Center, Health Promotion Office, The PEACC Center, and the University of Louisville Police Department provide a number of programs and workshops using a tiered approach: a) primary prevention in the form of awareness, skill-building, and risk-reduction for all students and b) targeted presentations for specific high-risk populations.

The University Counseling Center is committed to assisting students with their mental health, personal development, and academic development. Because substance use is often connected to other personal/psychological issues, students coming to the Counseling Center with alcohol and substance use concerns are provided with support, appropriate therapeutic interventions, and referrals when necessary.

- Building Resilience in Campus Community (BRICC) Coalition: (502) 852-3442; louisville.edu/bricc (<http://louisville.edu/bricc/>)
- Campus Health Services: (502) 852-6479; louisville.edu/campushealth (<http://louisville.edu/campushealth/>)
- Counseling Center: (502) 852-6585; louisville.edu/counseling (<http://louisville.edu/counseling/>)
- Health Promotion Office: (502) 852-5429; louisville.edu/healthpromotion (<http://louisville.edu/healthpromotion/>)
- The PEACC Center: (502) 852-2663; louisville.edu/peacc (<http://louisville.edu/peacc/>)
- University of Louisville Police Department: (502) 852-7233; louisville.edu/police (<http://louisville.edu/police/>)

## History of the University

The University of Louisville can trace its history back to the establishment of the Jefferson Seminary in 1798.

During the early 19th century, the growing importance of water transportation, coupled with a strategic location at the falls of the Ohio

River, made Louisville a commercial hub for the South and West. As the city's population and economy advanced, so did its institutions. In 1837 the Louisville Medical Institute opened for its first class, and the next year, the city created the Louisville Collegiate Institute. The two schools had no official connection, but they both manifested the city's dream of intellectual as well as mercantile leadership. In 1844 the Collegiate Institute inherited property from the now-defunct Seminary.

The Louisville Medical Institute attracted large enrollments and prospered financially, but the Collegiate Institute struggled to remain open.

Proponents of grassroots democracy wanted to combine the schools and divert a portion of the medical school's resources to the college. They won a partial victory in 1846 when the General Assembly merged the Medical and Collegiate Institutes as the University of Louisville, but the new charter offered complete vindication to neither interest. It created a common board of trustees, but each division retained financial autonomy. The medical school continued to prosper, but as the liberal arts division struggled and failed to remain open, the newly added law school brought in a respectable number of students.

Most of the professors in the medical and law schools were drawn from the ranks of local physicians and attorneys who considered teaching a part-time vocation. By the 1880s and 1890s, however, the University felt some pressure from the educational reformers who not only believed schools should employ full-time instructors, but also advocated for well-enforced, national standards for academic training. In 1907, this trend contributed to the revival of the College of Arts and Sciences, which had been all but forgotten for most of the 19th century. As the university added new programs such as the Graduate School (1915), School of Dentistry (1918), Speed Scientific School (1925), Louisville Municipal College (1931), School of Music (1932), and Kent School of Social Work (1936), conformity to accreditation guidelines became increasingly important. Expanded academic programs and the adherence to higher educational standards led to the appointment of full-time administrators early in the 20th century.

World War II and the postwar era brought major changes to the University of Louisville. Shortly after the war, a movement began to close the all-black Louisville Municipal College and desegregate the University on all levels. This was accomplished in 1950 and 1951. The School of Business was established in 1953. Perhaps the most dramatic development of the postwar period was the movement of taxpaying citizens from the city to the suburbs. Since the University of Louisville was municipally-funded, this caused a damaging drain on the school's revenue. As early as 1965, a governor's task force suggested the possibility of the University of Louisville joining the state system of higher education, which it did in 1970.

Another major development occurred in 1994, when the Kentucky Council on Postsecondary Education designated University of Louisville as a research university, assigning it a statewide mission in medicine, dentistry, law and urban affairs.

In 1997, the state legislature revised the university's mission statement. University of Louisville was charged with becoming a "premier, nationally recognized metropolitan research university." The state also established the Research Challenge Trust Fund, which pumped more than \$118 million into research at University of Louisville, helping the university attract and retain a number of nationally recognized researchers and their teams. The fund, also known as "Bucks for Brains," has helped University of Louisville attract almost \$400 million in extramural funding, created 1,500 new jobs and had an economic impact of almost \$850 million.

One of the oldest metropolitan universities in the United States, University of Louisville has a long history of dedication to the needs of the Louisville urban area. In 2007, the university reaffirmed that mission through implementation of its Signature Partnership initiative, which formalizes its commitment to improving the lives of residents of some of Louisville's most disadvantaged neighborhoods. University of Louisville faculty, staff and students now support the city through hundreds of programs and partnerships in the areas of health, economic development, education and social and human services. In 2019, the university's presence in West Louisville was expanded to include a newly remodeled building in the Portland neighborhood, dedicated to additional space for the College of Arts & Sciences' Fine Art and Anthropology programs.

Recent years have seen the university set new marks for total degrees awarded, graduation rates, minority enrollments, and average ACT score for entering students. UofL is regularly recognized for its commitments to social justice, diversity and inclusivity, with the university named a national leader for its programs to support and promote veterans, LGBTQ students, minority students, environmental sustainability, and more. The university is the state and national leader in producing Fulbright scholars, with over 120 UofL student-winners since 2003.

The university continues to grow and innovate to meet the changing needs of the Commonwealth. New academic programs and innovative forms of instruction further UofL's place in helping meet the needs of students and of the 21st-century economy. Expanded and improved campus facilities include new housing options, the Student Rec Center, updates to the Floyd Street corridor, expansion and remodeling of the Student Activity Center, expanded and updated facilities on the Health Sciences Campus, and the Belknap Academic Building—over 150,000 square feet of new space including new state-of-the-art classrooms and laboratories, group study areas, gathering spaces, and a Student Success Center—which opened in fall 2018.

2018 also saw the inauguration of Dr. Neeli Bendapudi as university president. Dr. Bendapudi is the university's 18th president and first female permanent president. She leads a university community made up of over 2,500 faculty, 4,400 staff, and 22,000 students, all working together to make UofL a great place to learn, work, and invest.

## Institutional and Professional Accreditation

### Institutional Accreditation

The University of Louisville is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, bachelor, master, specialist, doctoral, and first-professional degrees (D.M.D., J.D., M.D.).

Questions about the accreditation of the University of Louisville may be directed in writing to the **Southern Association of Colleges and Schools Commission on Colleges** at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([sacscoc.org](http://sacscoc.org/)).

### Professional Accreditations

Accountancy (C, BS, MAC): Association to Advance Collegiate Schools of Business (AACSB International) (<http://www.aacsb.edu/>)

Art Therapy/Expressive Therapy (MEd): American Art Therapy Association (<http://arttherapy.org/>)

Audiology (AuD): Council on Academic Accreditation in Audiology and Speech-Language Pathology (<http://caa.asha.org/>)

Business (Undergraduate and Graduate): Association to Advance Collegiate Schools of Business (AACSB International) (<http://www.aacsb.edu/>)

Chemistry (BS): American Chemical Society (ACS) (<http://www.acs.org/content/acs/en/about/governance/committees/training/acsapproved.html>)

Clinical Psychology (PhD): American Psychological Association (APA) (<http://www.apa.org/>)

Clinical Mental Health Counseling (MEd): Council for Accreditation of Counseling and Related Educational Programs (CACREP) (<http://www.cacrep.org/>) (Accreditation expired December 31, 2021.)

Computer Engineering and Computer Science (BS): Computing Accreditation Commission of ABET, Inc. (<http://www.abet.org/>)

Counseling Psychology (PhD): American Psychological Association (APA) (<http://www.apa.org/>)

Couple and Family Therapy (MS): Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE) (<https://www.coamfte.org/>)

Dental Hygiene (BS): Commission on Dental Accreditation of the American Dental Association (CODA) (<http://www.ada.org/en/coda/>)

Dentistry (C, MSD, DMD): Commission on Dental Accreditation of the American Dental Association (CODA) (<http://www.ada.org/en/coda/>)

Education (BS, MAT, MEd, EdD, EdS): Kentucky Education Professional Standards Board (<http://www.epsb.ky.gov/>) (EPSB); Council for the Accreditation of Educator Preparation (CAEP) (<http://www.caepnet.org/>)

Engineering (BS and MEng): Engineering Accreditation Commission of ABET, Inc. (<http://www.abet.org/>) (Bioengineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, Computer Engineering and Computer Science programs)

Exercise Physiology (MS)/Exercise Science (BS): Committee on Accreditation for the Exercise Sciences (CoAES) (<http://www.coaes.org/>)

Family Therapy (MSSW): Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE) (<https://www.coamfte.org/>)

Health Administration (MS): Commission on Accreditation of Healthcare Management Education (CAHME) (<https://www.cahme.org/>)

Interior Design (BFA): Council for Interior Design Accreditation (CIDA) (<http://accredit-id.org/>)

Law (JD): Section of Legal Education and Admissions to the Bar of the American Bar Association (ABA) (<http://www.americanbar.org/aba.html>); Association of American Law Schools (AALS) (<http://www.aals.org/>)

Medicine (MD): Liaison Committee on Medical Education, a Joint Committee of the American Medical Association and the Association of American Medical Colleges (LCME) (<http://lcme.org/>)

Music (BA, BM, MM, MME): National Association of Schools of Music (NASM) (<http://nasm.arts-accredit.org/>)

Music Therapy (BM): National Association of Schools of Music (NASM) (<http://nasm.arts-accredit.org/>)

Nursing (BSN, MSN, DNP): Commission on Collegiate Nursing Education (CCNE) (<https://www.aacnursing.org/CCNE-Accreditation/Accreditation-Resources/Standards-Procedures-Guidelines/>)

Public Administration (MPA): National Association of Schools of Public Affairs and Administration (NASPAA) (<http://www.naspaa.org/>)

Public Health (BA, BS, MS, MPH, PhD): Council on Education for Public Health (CEPH) (<http://ceph.org/>)

School Counseling (MEd): Council for Accreditation of Counseling and Related Educational Programs (CACREP) (<http://www.cacrep.org/>)

Social Work (BSW, MSSW): Commission on Accreditation of the Council on Social Work Education (CSWE) (<http://www.cswe.org/>)

Speech-Language Pathology (MS): Council on Academic Accreditation in Audiology and Speech-Language Pathology (<http://caa.asha.org/>)

Sport Administration (BS, MS): Commission on Sports Management Accreditation (COSMA) (<http://www.cosmaweb.org/>)

Theatre Arts (BS, MFA): National Association of Schools of Theatre (NAST) (<https://www.arts-accredit.org/>)

Urban Planning (MUP): Planning Accreditation Board (PAB) (<http://www.planningaccreditationboard.org/>)

## Other Accreditations/Recognitions

Child Clinical and Pediatric Psychology Doctoral Internship Program: American Psychological Association (APA) (<http://www.apa.org/>)

Clinical Chemistry (post-doctoral): Commission on Accreditation in Clinical Chemistry (COMACC) (<https://comacc.org/>)

Cooperative Education (Speed School): Accreditation Council for Cooperative Education (ACCE) (<http://www.co-opaccreditation.org/>)

Continuing Medical Education: Accreditation Council for Continuing Medical Education (AACME) (<http://www.accme.org/>)

Counseling Center: International Association of Counseling Services (IACS) (<http://www.iacsinc.org/>)

Early Learning Center: National Association for the Education of Young Children (NAEYC) (<http://www.naeyc.org/>)

Fort Knox Education Center: Military Installation Education Review (2009)

Graduate Medicine (House Staff): Accreditation Council for Graduate Medical Education (ACGME) (<https://www.acgme.org/>)

Human Subjects Protection Program: Association for the Accreditation of Human Research Protection Programs, Inc. (AAHRPP) (<http://www.aahrpp.org/>)

Research Resource Center: Association for Assessment and Accreditation of Laboratory Animal Care, International (AAALAC) (<http://www.aaalac.org/>)

Resources for Academic Achievement (REACH) Tutor Training: College Reading & Learning Association's (CRLA) International Tutor Training Program Certification (ITTPC) (<https://www.crla.net/index.php/certifications/ittpc-international-tutor-training-program/>)

Strength Conditioning-Exercise Science (BS)/Exercise Physiology (MS): National Strength and Conditioning Association (NSCA) Education Recognition Program (<http://www.nasca.com/>)

## Disclosures

### State Authorization for Distance Education Activities

The University of Louisville seeks to deliver all of our online programs in every state. We work through the State Authorization Reciprocity Agreement (SARA) process and with states directly to ensure that when authorization or licensure is necessary, required approvals are obtained.

SARA is a voluntary agreement that allows states and institutions to offer distance education in other participating states so long as the institution adheres to certain quality and consumer protection standards. More information on SARA can be found at [nc-sara.org](http://www.nc-sara.org) (<http://www.nc-sara.org>).

The Commonwealth of Kentucky is a member of SARA and UofL is an approved SARA institution. Though SARA authorizes the University to offer its programs in member states, there is the possibility that other state requirements not covered by SARA (such as requirements from state licensing boards) could necessitate the restriction of selected programs in certain states. Please note that should you choose to enroll in a restricted program in a particular state, there may be restrictions that could affect you.

Examples could include:

- You may be unable to sit for local licensing in that state
- You may be ineligible for consumer protection in that state
- You may not be able to complete field placements (practicum, internship, clerkship, etc.) in that state. This could affect licensure or recognition of the degree to meet particular requirements in that state.

Therefore, if you decide to enroll in any of the University of Louisville's restricted programs, or if you move during the course of your studies to a state where your program is restricted, please be aware that you are taking a risk that you may not be able to complete that program or use any of the credit earned in that program should you decide to pursue licensing in that field in that state. Please note that the risks listed above are not exhaustive. Please verify with your state's professional licensing board that your plans are not impacted by these risks before enrolling in an online program.

For more information on online program availability in your state, please visit the State Authorization Regulations (<http://louisville.edu/online/About-Us/state-authorization-regulations/>) page of the UofL online programs website.

## Professional Licensure Notifications & Disclosures for Online Programs

Depending on your program, you may be interested in pursuing professional licensure or certification following graduation. Universities are required to disclose professional licensure information to students, and the University of Louisville makes this information

publicly available on the Uofl Online website: [louisville.edu/online/About-US?tab=disclosures](https://louisville.edu/online/About-US?tab=disclosures) (<https://louisville.edu/online/About-US/?tab=disclosures>).

The University of Louisville strongly recommends that you inquire with your applicable licensing board to determine all of the educational and other requirements for licensure before enrolling in the program. Additionally, you should note that licensing requirements vary by state and relocating could impact whether you will meet eligibility requirements for licensure. Check with the state licensing board where you desire licensure before relocating to ensure that you will be eligible for licensure or reciprocity.

## Leadership

**Dr. Neeli Bendapudi, President, University of Louisville**

### Board of Trustees

In accordance with the statutory authority of the Commonwealth of Kentucky, the Board of Trustees of the University of Louisville exercises final jurisdiction over the university. It selects the President of the university; upon recommendation of the President, it makes all appointments to the faculty and all appointments of individuals in administrative capacities who serve at the pleasure of the Board.

The Board of Trustees adopts a budget annually for the ensuing year and grants all degrees conferred by the university.

More information on the Board of Trustees, including current membership can be found at the Board of Trustees website (<http://louisville.edu/president/board-of-trustees/>).

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### University Leadership

Neeli Bendapudi, PhD  
President

Lori Gonzalez, PhD  
Executive Vice President and University Provost

Kevin H. Gardner, PhD  
Executive Vice President for Research and Innovation

Toni Ganzel, MD, MBA  
Vice President for Academic Medical Affairs

Dan Durbin, MPA  
Vice President for Finance and Administration/Chief Financial Officer

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### School and College Deans

David S. Owen, PhD

College of Arts and Sciences  
*(Interim)*

Todd Mooradian, PhD  
College of Business

T. Gerard Bradley, DMD  
School of Dentistry

Amy Shearer Lingo, PhD  
College of Education and Human Development

*(Interim)*

Emmanuel Collins, PhD  
J.B. Speed School of Engineering

Beth Boehm, PhD  
Graduate School

Lars Smith, JD  
School of Law  
*(Interim)*

Toni M. Ganzel, MD, MBA  
School of Medicine

Teresa Reed, PhD  
School of Music

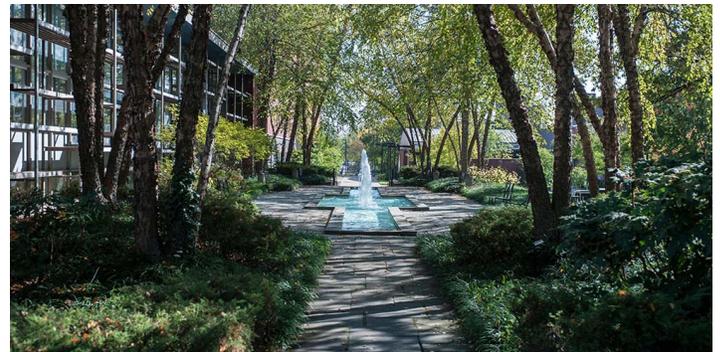
Sonya Hardin, PhD, MBA, MHA, CCRN, NP-C  
School of Nursing

Craig H. Blakely, PhD  
School of Public Health and Information Sciences

David Jenkins, PhD  
Kent School of Social Work

Robert E. Fox Jr., MBA, MLS  
University Libraries

## Mission Statement



The University of Louisville pursues excellence and inclusiveness in its work to educate and serve its community through:

1. teaching diverse undergraduate, graduate, and professional students in order to develop engaged citizens, leaders, and scholars;
2. practicing and applying research, scholarship and creative activity; and
3. providing engaged service and outreach that improve the quality of life for local and global communities.

The University is committed to achieving preeminence as a nationally recognized anti-racist metropolitan research university.

# Admission to the University of Louisville



## Admission Standards

The University of Louisville subscribes to a selective admission policy. Admission for freshman applicants is based on:

1. High school grades,
2. ACT or SAT scores, and
3. Successful completion of the required pre-college curriculum.

Enrollment in the freshman class is limited. Within the limits of space availability, the University will endeavor to accommodate all eligible applicants. However, the number of freshman applications exceeds the number of spaces available in the entering class. For this reason, the selective and competitive admission requirements may exceed the minimum eligibility requirement.

The University of Louisville's minimum eligibility admission policy requires any applicant to have graduated from an accredited high school or received a high school equivalency certificate, have completed the pre-college curriculum, possess a grade point average (GPA) of 2.5, and have achieved at least one of the following:

- The applicant has earned a composite ACT score of not less than 20 or an SAT-I score of not less than 940 (CR+M); or
- The applicant has completed the UofL enhanced pre-college curriculum (PCC) with a minimum GPA of 2.5 on a 4.0 scale. The enhanced PCC consists of an additional two pre-college courses in mathematics, social studies, or science. These two courses may be taken in any combination within the three disciplines. The courses must be at or above the level of prescribed PCC; or
- The applicant ranks in the top 15% of the applicant's high school graduating class upon completing seven or eight semesters in high school.

Freshman applicants who do not meet the selection requirements may have their admission decisions deferred. Admission will be offered first to those applicants with the strongest records and offers will continue until the class is filled. Some factors that are considered during this review are: number and scope of college preparatory, honors and AP classes; strength of senior year schedule; and evidence of marked improvement over time in applicant's academic career. The overriding concern will always be for the student's potential to be successful in meeting the academic expectations at the University.

Students should refer to the individual academic unit admission policies, included in this catalog, for additional admission requirements. Students

should be cautioned about the distinction between undergraduate and graduate classifications when applying for admission to the University. For fee purposes, determination of "undergraduate" or "graduate" is based on the school or enrollment unit to which a student is admitted, and not on the level of courses taken.

## Minimum Admission Standards for Public Universities in Kentucky (Pre-College Curriculum)

Students who enter one of Kentucky's public universities are required to have completed high school or high school equivalency certificate, and the pre-college curriculum (PCC). These are minimum standards and each university may require additional preparation of its students. The pre-college curriculum is a total of 22 approved units or courses including four units of English, three units of social studies, three units of mathematics (algebra I and II and geometry), two units of foreign language (same language), one half unit of physical education and health, one unit of history and appreciation of visual, performing arts, and 5 credits (3 rigorous) electives.

Students who are non-resident, 21 years of age or older or international are exempt from the PCC requirements.

The University may grant admission by exception to a limited number of the applicants admitted as first-time freshmen. Students admitted by exception will be required to enroll in courses to immediately remedy pre-college curriculum deficiencies.

Additional information and the definition of approved units is available from the Office of Admissions or from guidance counselors or principals in Kentucky high schools.

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## Applying for Admission

Listed below are the admissions procedures for the various populations and classifications of students.

All admissions credentials for undergraduate students should be mailed to this address:

**Office of Admissions  
Department-AO**  
University of Louisville  
Louisville, KY 40292

## Entering Freshman Students

Application deadlines are as follows:

- Fall Term: February 15
- Spring Term: November 1
- Summer Term: April 1

First-time freshmen applications and credentials received after the application deadlines listed above will be reviewed on a space available basis.

Students who have never attended any college should seek admission by the following steps:

1. Submit the application online (<http://louisville.edu/admissions/apply/>).
2. Pay the application fee (payable by credit card or electronic check).

3. Mail the university a copy of the high school transcript.
4. Request that test scores from ACT (the American College Testing Program) or SAT (College Board) be sent to the university if they are not posted on the high school transcript.

Students will be notified of their admissibility to the university after receipt of this information.

## Early Admissions

Students who apply for admission as a regular student, but do not plan to graduate from high school prior to enrolling in college, are considered early admissions applicants. In addition to submitting an application, high school transcript and ACT or SAT scores, early admissions applicants must submit a statement of motivation for beginning college prior to high school graduation, a letter of recommendation from their high school counselor, and a letter of endorsement from their parent/guardian. Early admissions applicants must also complete an interview with an admissions counselor. Students admitted under this status should be aware that they are not eligible to receive federal or state aid without high school diploma or GED.

## Transfer Students

Transfer students are encouraged to apply earlier to allow ample time for evaluation of transcripts, advising, orientation, and registration.

**Application Deadline:** Transfer applications received at least six weeks prior to the beginning of a term will be given priority. Students transferring from another institution should take the following steps in seeking admission to the university:

1. Submit the application online (<http://louisville.edu/admissions/apply/>) and pay the application fee (payable by credit card or electronic check).
2. Request that the registrar of each institution previously attended forward to the university an official transcript of all work completed or in progress. *Failure to declare previous attendance at another institution may result in disciplinary action.*
3. Students transferring with fewer than 24 transferable semester hours are required to take the ACT or SAT test if they have not done so previously, and submit a high school transcript. Students with fewer than 24 transferable semester hours must meet the admissions requirements for both new freshmen and transfer students.

All transfer students to the University of Louisville are required to participate in the Transfer Orientation Program. There is a fee for the Transfer Program.

For further Orientation Program information, go to [louisville.edu/newcards](http://louisville.edu/newcards).

## Evaluation of Transfer Credit

For admission as a transfer student, applicants must submit official transcripts from all regionally accredited post-secondary institutions previously attended. The University of Louisville will determine a transfer GPA based upon the coursework completed at previous institutions. The University of Louisville does not transfer in technical or developmental coursework. Courses completed on a quarter system (or another system not based on semester hours) will be converted to semester hours. A student is required to complete 30 of his/her last 36 semester hours at the University of Louisville.

Official transcripts showing all undergraduate work and degrees awarded at every regionally accredited college/university previously attended must

be furnished by the degree-seeking applicant. Credits earned at another regionally accredited institution of higher education may be transferred to the University of Louisville. The Transfer Credit Practices report published by the American Association of Collegiate Registrars and Admissions Officers (AACRAO) will be the reference used for the evaluation of such credits.

Regional accrediting agencies include: Middle States Association of Colleges and Schools (MSA), North Central Association of Colleges and Schools (NCA-HLC), Northwest Commission on Colleges and Universities (NWCCU), New England Association of Schools and Colleges (NEASC-CIHE), Southern Association of Colleges and Schools (SACS), The Western Association of Schools and Colleges (WASC-ACSCU), and The Western Association of Schools and Colleges – Community and Junior Colleges (WASC-ACCJC).

Applicants with transfer credit from non-regionally accredited institutions may be considered for credit by petitioning for recognition of that credit. Applicants may petition for non-regionally accredited credit by completing the Undergraduate Transfer Credit Appeal Form form (<http://louisville.edu/admissions/apply/transfer/services/course-credit/undergraduate-transfer-credit-appeal-form/>).

Undergraduate applicants who have attended post-secondary schools, colleges, universities, or professional institutions outside the United States must submit their academic records to Educational Credentials Evaluators, Inc. (ECE) or World Education Services, Inc. (WES) for a course-by-course evaluation. It is the applicant's responsibility to submit credentials to ECE or WES and to pay all charges for the evaluation. Only evaluations submitted directly from ECE or WES are accepted.

Additional information regarding transfer credit can be located on the Admissions website. (<https://louisville.edu/admissions/apply/transfer/services/course-credit/>)

## ULtra: The University of Louisville Transfer Program

The ULtra program (<http://louisville.edu/ultra/>) combines the commitment and resources of the University of Louisville (UofL), Jefferson Community and Technical Colleges (JCTC), the Kentucky Community and Technical College System (KCTCS) and Jefferson County Public Schools (JCPS) so that all Kentucky students have access to a baccalaureate degree.

ULtra is a service for students who choose, or who are advised by UofL Admissions, to begin their academic career at JCTC (or any KCTCS institution) before transferring to UofL to complete a Bachelor's degree. These students are encouraged to complete an Associates' degree before transfer, but may transfer after completing 24 college credit hours with a minimum cumulative GPA of 2.0 (GPA requirements for some degree programs may be higher). ULtra is located on the JCTC Downtown campus and provides transfer-specific advising and admissions for UofL degree programs, connections to UofL, mentoring and assistance with the transfer process. Students interested in ULtra can learn more about programs, transfer coursework and opportunities by visiting [louisville.edu/ultra](http://louisville.edu/ultra) (<http://louisville.edu/ultra/>) or by calling (502) 213-4538.

For more information, please contact:

**Tawana McWhorter**  
Jefferson Education Center, Suite 900  
200 West Broadway  
Louisville, KY 40202  
(502) 213-2541

ultra@louisville.edu

## Re-enrolling Students

If a student has a break in enrollment of two or more calendar years, that student must apply for readmission to an enrollment unit, and if admitted, will be subject to catalog requirements in effect at the time of readmission. Students who were not enrolled during the immediate past semester, but were enrolled within the last two calendar years, and who wish to continue in the school and program in which they were last registered are eligible to re-enroll. They need to complete the request to re-enroll form at the advising center of their academic unit or at the Registrar's Office. Students completing the re-enrollment process are eligible for early registration for the term in which they wish to return. Students whose last enrollment status was visitor, high school visitor, suspended or who were dismissed, must reapply. Students last enrolled in University College, Allied Health or Transitional Studies must also reapply through the Office of Admissions since these units are no longer in existence.

## Visitors

Visiting students are those individuals who are pursuing a degree from another institution, but who plan to enroll at the University of Louisville for one semester. Submit the application online (<http://louisville.edu/admissions/apply/>) and pay the application fee (payable by credit card or electronic check) for each semester you plan to attend.

Applicants to the Speed School of Engineering or College of Business must also include transcripts.

## High School Visitors

A senior student who is presently enrolled in high school and who wants to take one or more college courses prior to graduating from high school will be considered a high school visitor. These students must submit an application, application fee, high school transcript, test scores (ACT, PSAT, or SAT), and a letter of recommendation from their high school counselor. Students who have not completed the first part of their junior year should contact the Office of Admissions for information concerning additional requirements for admission.

## International Student Applicants

There are essentially three areas of concern for international applicants. They are:

1. Successful completion of a strong, quality academic program.
2. Proficiency in the English language.
3. Ability to demonstrate financial resources.

Students who are not U.S. citizens or immigrants will need to submit an admissions application to the Office of Admissions and financial documents to the International Center. The application provides information concerning the student's academic background and educational goals. First-time freshmen applicants and transfer applicants with less than 24 hours are not required to submit ACT or SAT scores, unless applying to the School of Music or Speed School of Engineering. Applications should be received by the Office of Admissions well in advance of the desired enrollment date in order to allow adequate time for processing. International student applicants should refer to the following list of application priority deadlines:

- Fall Semester: May 1  
Term begins late August
- Spring Semester: November 1

Term begins early January

- Summer Semester: April 1  
Various terms begin in May, June and July

When all required credentials have been submitted, the application will be reviewed by the Office of Admissions. Once an admissions decision has been made, the student will be notified.

International students applying to undergraduate programs will need to submit official transcripts of records from all secondary schools, universities, colleges, or professional schools attended. If official transcripts are not in English, you will also need to submit notarized English translations of your records. All post-secondary work must be submitted to Educational Credentials Evaluators, Inc. (ECE) or World Education Services, Inc. (WES) for a course-by-course evaluation. It is the applicant's responsibility to pay all charges for the evaluation. An application for evaluation and a brochure describing ECE's or WES's procedures, services and fees is available upon request from the Office of Admissions.

## Continuing Studies

Continuing Studies is a non-degree granting unit that admits adult students who want to take courses on a part-time basis for personal enrichment or professional development. Students can earn college credit, but are not admitted into a degree program. In order to be eligible to apply to Continuing Studies, students must be at least 22 years old and have a high school diploma or high school equivalency certificate issued by a state department of education.

Continuing Studies students may enroll for a maximum of 8 hours in any semester or summer session. Students are required to maintain a 2.0 grade point average. Continuing Studies students are not eligible to receive state or federal financial aid.

Students may remain in Continuing Studies until they accumulate 24 credit hours. Students with 24 credit hours must apply for admission and be accepted by a degree-granting unit of the University if they wish to continue their course work.

## University Orientation Programs

All new freshmen to the University of Louisville are required to participate in the Summer Orientation program during the months of May, June and July. Orientation is a two-day overnight program where new students will have the opportunity to interact with other new and current students, meet with an academic advisor for one-on-one counseling and be introduced to faculty and staff from across campus. Information regarding summer orientation is sent via email in the March and April previous to your enrollment. Please note it is mandatory that new freshmen attend an orientation program. Students must register for summer orientation via the orientation website. There is a fee for summer orientation.

Students admitted as post-baccalaureates, visitors, readmits, or intra-university transfers are not required to attend an orientation program.

## Post-Baccalaureate Admissions

Students who hold at least a bachelor's degree and plan to enroll for undergraduate courses, but are not pursuing a second undergraduate degree are considered to be post-baccalaureate applicants. These students need to submit an official transcript certifying at least a bachelor's degree, an application for admission and any applicable application fee.

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## Online Courses and Programs

UofL offers approximately 40 degrees, certificates and endorsements fully online and nearly 700 courses from 8 colleges. Last year, more than 8,700 students took at least one online course and more than 1,700 students were enrolled in online programs. Online courses and programs are developed and taught by UofL faculty. In 2019, several of UofL's online programs were highly ranked by U.S. News and World Report. UofL is a military-friendly institution and most online programs offer a special tuition rate to active-duty service members.

University of Louisville's online courses are delivered through a user-friendly online learning platform, Blackboard, which allows students and instructors to interact, network and collaborate on class assignments and team projects, exchange thoughts and ideas, or share experiences.

Visit [louisville.edu/online](http://louisville.edu/online) (<http://louisville.edu/online/>) to learn more about our online programs. For a complete list of online courses available at UofL, visit [hal.louisville.edu](http://hal.louisville.edu) (<http://hal.louisville.edu/>) (select "Distance Education" in the "Location" field). For undergraduate and graduate online tuition rates, visit [louisville.edu/bursar](http://louisville.edu/bursar) (<http://louisville.edu/bursar/>) (select "Tuition and Fees").

### Services for Students

Students enrolled in online courses and programs have access to various student support services available at a distance, including academic advising, writing support through the Virtual Writing Center, online tutoring through REACH, Library services, career services, and tech support. Visit [louisville.edu/online/current](http://louisville.edu/online/current) (<http://louisville.edu/online/current/>) for more information.

### Services for Faculty

Faculty have access to instructional design and technology support through the Delphi Center for Teaching and Learning. Instructional designers help faculty build their online courses according to Quality Matters™ design principles. In addition, the Delphi Center provides faculty development for teaching online with its flagship program, Delphi U. Faculty have the option of taking this program in-person (in May only) or may choose the online option taught either in an instructor-led or self-paced format. One-on-one consultations and department-wide trainings are also available. Visit [louisville.edu/delphi/resources](http://louisville.edu/delphi/resources) (<http://louisville.edu/delphi/resources/>) for more information.

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## College Readiness Standards

### Foreign Language Placement

The study of a foreign language is encouraged and required by some university majors. Students may choose to begin with the first semester in a new language or may choose to determine placement in language studies.

To determine placement, students may complete an online placement test (<http://louisville.edu/modernlanguages/placement-exam/>) in Spanish, French, German or Russian, available at all times. Language exams can be taken on any computer with an Internet connection.

The Office of Testing Services administers the placement tests for Latin only ([louisville.edu/testing/foreign-language-placement](http://louisville.edu/testing/foreign-language-placement) (<http://louisville.edu/testing/foreign-language-placement/>)).

First-time, first-year students must take a language exam before May 15 each academic year to register for a language course section during

Freshman Summer Orientation. To receive course credit for foreign language, see the Extramural Examinations tab on the Alternative Coursework page (p. 54).

If a student has significant experience in a language other than Spanish, French, German, Russian or Latin, the student should contact the Department of Classical and Modern Languages for information on placement or exemption at (502) 852-6686. Information may also be found online (<http://louisville.edu/modernlanguages/language-waivers/waiver-though-testing/>).

### Kentucky Administrative Regulation 13 KAR 2:02 (College Readiness Guidelines)

The Commonwealth of Kentucky has regulations for college readiness standards in writing, college reading, and mathematics. Admitted, degree-seeking students below 24 credit hours, and a GPA of at least a 2.00 on a 4.0 scale, who do not achieve the college readiness standards on the ACT sub-scores in writing, college reading, and mathematics or SAT equivalents or the Next-Gen ACCUPLACER placement exams (reading and mathematics) are required by state mandate to complete interventions during their first college year.

Interventions may include the following:

- Enrollment in ENGL 101 and/or an appointment at the University Writing Center.
- GEN 105, which is a corequisite College Reading course linked to entry-level content courses.
- GEN 103 or GEN 104, intervention mathematics course.
- Supplemented MATH 105 or Supplemented MATH 111.

### College Writing Placement

The college readiness standard in writing is an ACT Writing sub-score of 18. Students with ACT Writing sub-scores below college readiness will register for ENGL 101 during their first college year.

If these students experience difficulty during ENGL 101, they will be encouraged to use the resources of the University Writing Center for supplemented support.

### College Reading Placement

The state-wide, college readiness standard in college reading is an ACT Reading sub-score of 20. All first-year, degree-seeking students admitted with reading deficiencies are required to participate in placement testing and course registration as determined by their placement test results. Transfer students with 24 or more credit hours at the 100 level or above in general education courses with a 2.0 GPA are exempt from reading placement requirements.

Students with an ACT Reading sub-score of less than 20 (or an SAT Critical Reading score of less than 480) MUST take the Next-Gen ACCUPLACER exam.

GEN 105 provides an intervention for college reading. Students who enroll in this course will receive 2 hours each week of supplemented instruction in college reading, critical thinking, and study strategies. Students receive 2 hours of college credit (elective credit only) for GEN 105.

### Mathematics Placement

The college readiness standard in mathematics is an ACT Mathematics sub-score of 19. The university determines placement in all entry-level

mathematics based on the highest ACT mathematics sub-score. If a student scores above an ACT Mathematics sub-score of 20 or higher, placement will be in a credit-bearing course.

Otherwise, the following sub-scores in mathematics determine placement:

- Students with ACT sub-score of 0–18 are required to complete the Next-Gen ACCUPLACER exam in mathematics. Placement will result in GEN 103, GEN 104, or an entry-level college mathematics course.
- Students with an ACT sub-score of 19–24, but less than the score required for a desired entry-level mathematics course, should complete the Next-Gen ACCUPLACER exam.
- All Engineering students who score below 27 on the ACT mathematics sub-score are required to take the Next-Gen Accuplacer exam before summer orientation. Placement in the correct level of mathematics is determined by your Accuplacer score. Specific information is available online at <https://engineering.louisville.edu/admissions/undergraduateadmissions/test-optional/>.

Students with ACT sub-score of 25–26 who need MATH 205 (<https://catalog.louisville.edu/search/?P=MATH%20205>) have the following options: enroll in the prerequisite MATH 190 (<https://catalog.louisville.edu/search/?P=MATH%20190>) or complete the CLEP Pre-calculus exam.

Students with ACT sub-score of 21–22 whose majors require MATH 111 (<https://catalog.louisville.edu/search/?P=MATH%20111>) are strongly encouraged by their advisors to enroll in a Supplemented Section of MATH 111 (<https://catalog.louisville.edu/search/?P=MATH%20111>). If a section is unavailable, students are encouraged to enroll in GEN 104 (<https://catalog.louisville.edu/search/?P=GEN%20104>).

Students with ACT sub-score of 19 will initially be placed in Special Topics in College Mathematics, which is GEN 103 (for those needing MATH 105 (<https://catalog.louisville.edu/search/?P=MATH%20105>) for their major) or GEN 104 (<https://catalog.louisville.edu/search/?P=GEN%20104>) (for those needing MATH 109 (<https://catalog.louisville.edu/search/?P=MATH%20109>), MATH 111 (<https://catalog.louisville.edu/search/?P=MATH%20111>), or MATH 151 (<https://catalog.louisville.edu/search/?P=MATH%20151>)). Students may take the Next-Gen ACCUPLACER for possible higher placement. Advisors working with students who have this sub-score are obliged to enroll students in the appropriate intervention course.

## Placement and University Testing Services

All information regarding placement testing can be obtained from:

### Office of Testing Services

Davidson Hall, Room 310

Louisville, KY 40292

(502) 852-6606

[louisville.edu/testing/](http://louisville.edu/testing/) (<http://louisville.edu/testing/>)

Students may direct questions and concerns to this office.

Students are encouraged to visit the testing website (<http://louisville.edu/testing/placement-testing-math-reading/>) to obtain information on the options to complete placement testing. The math and/or reading Accuplacer exam may be taken at the Office of Testing Services on campus, remotely at another institution throughout the

country, via Zoom (contact the Testing Office), or virtually at home, 24/7 through a virtual testing company.

**First-year students MUST complete all placement testing PRIOR to their Freshman Summer Orientation each year to enable registration for class during their session.**

The Admissions Office notifies first-year students if placement testing is required in college reading and mathematics.

## Speed School of Engineering Mathematics Placement:

Students admitted into the J.B. Speed School of Engineering are placed in the following math courses based on their ACT Math sub-score:

- Students with an ACT sub-score of less than 27 are required to start their studies in the ENGR 190 course.
- Students with an ACT sub-score 27 or above will start their studies in the ENGR 101 course.

## Admission to the College of Arts and Sciences



### College of Arts and Sciences

Gardiner Hall, Second Floor

University of Louisville

Louisville, KY 40292

Phone: (502) 852-6490

Email: [asdean@louisville.edu](mailto:asdean@louisville.edu)

Website: [louisville.edu/artsandsciences/](http://louisville.edu/artsandsciences/) (<http://louisville.edu/artsandsciences/>)

Social: Facebook (<http://facebook.com/UofLArtsSciences/>), Twitter ([http://twitter.com/UL\\_ArtsSciences/](http://twitter.com/UL_ArtsSciences/)), Flickr (<http://www.flickr.com/photos/artsandsciences/>)

## Matriculation

Students are admitted to the College of Arts and Sciences on either a matriculated or non-matriculated basis. High school visitors, visiting students from other institutions, auditors, post-baccalaureate students, and students admitted as special students are considered non-matriculated. All other students are considered matriculated. Students planning to earn degrees from the College of Arts and Sciences must be matriculated in order for the credits they have earned to apply toward their degrees.

Students admitted on a non-matriculated basis will be notified by the Office of Admissions of their status and of the conditions of their enrollment at the time they are accepted. Students admitted on a

matriculated basis remain matriculated until they graduate, transfer to another college, or are dismissed.

Transfer students who left their last institution in good standing and who have a standing of at least 2.0 on a 4.0 scale may, upon presentation of transcripts and satisfactory test scores (if applicable), request matriculation at the time of applying for admission.

## Entering Arts & Science Freshmen Students

Admission for a normal course load is granted to students meeting the following requirements:

- Graduation from an accredited high school with a grade point average of 2.5 or better, or successful completion of the General Education Development (GED) tests.
- Completion of the State of Kentucky's Pre-College Curriculum (detailed in the Admission section (p. 16) of this catalog).
- A composite ACT score at or above the national mean.

Persons with deficiencies in the above areas may be eligible for admission under certain conditions:

1. Exceptionally gifted students who have completed three years of high school may be admitted by action of the College's Admissions and Appeals Committee, provided recommendations from high school counselors and teachers, previous academic records, test scores, and personal interviews indicate the ability to succeed in college-level work.
2. Students with pre-college curriculum deficiencies are, in general, not admissible if they lack two courses in one area or three courses overall. Exceptions are made if the student has a score of 22 (enhanced) or better on the appropriate ACT subtest. Other exceptions must be approved by the College's Admissions and Appeals Committee. Students admitted by action of the Admissions and Appeals Committee will be required to enroll in courses to remove pre-college curriculum deficiencies. All deficiencies must be removed by the time the student completes twenty-four (24) semester hours of degree credit. Deficiencies may be removed by successfully completing courses outlined in the Pre-College Curriculum detailed in the Admission section (p. 16) of this catalog.
3. Students who have a high school grade point average between 2.25 and 2.49 may be admitted if the composite ACT score is 23 or above.
4. Students who have a composite ACT score of 18-19 may be admitted if the high school grade point average is 3.0-3.25 or above.
5. A student whose ACT College Reading score is lower than 20 or whose SAT I verbal score is lower than 470 must participate in the state-mandated Supplemented Study Program in College Reading. During the first semester of enrollment, such students must register for one section of a non-mathematics Cardinal Core course offered with a supplemented college reading course (GEN 105). Specific courses in the supplemented program vary each semester and will be listed in the Schedule of Courses.
6. Students who graduated from an unaccredited high school may be admitted upon satisfactory completion of such examinations as the College faculty may require. For further information, consult the Admissions Office.

## Conditional Admission

Students who do not qualify for automatic admission or who cannot remedy deficiencies as prescribed in 1-5 above may be admitted in conditional status if they meet the university's minimum admission standards.

1. Students admitted in conditional status whose ACT College Reading Scores are 18 or below or whose SAT I Verbal Scores are 430 or below, must participate in the state-mandated Supplemented Study Program in College Reading. During their first semester of enrollment, they must register for one section of a non-mathematics Cardinal Core course offered with supplemented study hours each week. Specific courses in the supplemented program vary each semester and will be listed in the Schedule of Courses.
2. Students admitted in conditional status must register for required developmental courses immediately following matriculation and must continue to do so until all deficiencies have been removed.
3. Students admitted in conditional status may register for a maximum of 14 credit hours of coursework in their first semester and 13 credit hours of coursework each semester thereafter until removed from conditional status. Not all courses are suitable for conditionally-admitted students and enrollment restrictions exist. Students should consult their academic advisor regarding courses for which they are eligible to enroll.
4. Students admitted in conditional status must be advised prior to registration each semester until removed from conditional status.

Students will be removed from conditional status when the following requirements have been met:

1. Successful completion of GEN 100 Student Success Center First Year Experience or GEN 101 Arts & Sciences First Year Experience;
2. Successful completion of all required developmental courses;
3. A grade point average of 2.0 or better on all college level courses; or
4. Completion of 24 degree applicable hours with a GPA of 2.0 or above.

Students not meeting the requirements for admission may be admitted on a non-matriculated basis as special students by consent of the Dean or by action of the Admissions and Appeals Committee. Special students must pay the regular fees. Special students may not become candidates for degrees except by subsequently satisfying the requirements for admission on a matriculated basis.

## High School Visitors

The College offers qualified high school students the opportunity to earn college credits by enrolling in selected freshman-level courses (i.e., courses at the 100- or 200-level). The program is open to high school seniors and, in exceptional cases, to juniors. In order to be admitted as a high school visitor, a student must submit an application, a high school transcript showing minimum grade point average of 3.0, test scores on the ACT or SAT in the top 70th percentile, and a recommendation letter from his or her high school counselor or principal. High school visitors may enroll in one or two courses each semester and may earn a

maximum of 24 college credits. All grades earned by high school visitors will be recorded on an official university transcript.

## Transfer Students

Students who seek admission to the College with credit for work taken at another institution or in another college or school of the University of Louisville are transfer students. Such applicants may be admitted in good standing, admitted in special status, or denied admission.

Admission in good standing requires:

- A grade point average of 2.0 or better on a 4.0 point scale based on all work attempted, excluding developmental courses (see "Transfer Students" in the Admission section (p. 16) of this catalog);
- Good standing at the institution of last attendance, including eligibility to return to that institution;
- Full disclosure of previous attendance in another school or college of this University and/or any other post-secondary institution.

Transfer students with fewer than twenty-four (24) acceptable credits must submit high school transcripts and ACT scores and must meet the requirements for freshmen.

### Admission in Special Status

Transfer students not meeting the above criteria may be admitted only in special status by action of the Admissions and Appeals Committee. Such students are subject to the following guidelines:

- Remain in special status with limited load as specified by the Admissions and Appeals Committee for a minimum of 24 semester hours.
- Maintain a minimum 2.0 semester grade point average for the first 24 semester hours attempted in courses applicable to an Arts and Sciences degree.

A student will be removed from special status after 24 semester hours if his/her cumulative grade point average is 2.0 or above.

A transfer student admitted in special status will be suspended if his/her semester grade point average is lower than 2.0 at the end of any semester.

Students ineligible for admission in the College because of disciplinary action in another institution or another school of this University may be ruled eligible for admission to the College by the dean; students who violate the full disclosure requirement will be referred to the Admissions and Appeals Committee for determination of a mandatory withdrawal from the College for a period stipulated by the committee.

### Additional Transfer Requirements

To be eligible for a degree from the College of Arts and Sciences, students transferring from a four-year institution must complete at least 30 hours of work applicable to the degree as a student enrolled in the College, including 30 of the final 36 hours and a minimum of 6 credits in the declared major. Students transferring course work from a two-year college are cautioned that a maximum of 60 semester hours of credit from a two-year college may be applied toward the minimum hours required for a baccalaureate degree. The remaining semester hours of the minimum 121 hours required for the baccalaureate degree must be completed at a four-year institution. If a student has earned more than 60 semester hours at a two-year institution, the additional work may, if

equivalent, be applied toward fulfillment of general education or other requirements, but will not be applied toward earned hours.

Students must complete at least 50 semester hours of course work numbered 300 or higher. Work from a two-year or community college usually will not apply to this requirement. For this reason, students planning to transfer to this College from a community college or a two-year college are advised to complete the lower-level portion of the College's Cardinal Core requirements and the foreign language series prior to transferring. Courses offered at the 300 level or higher at another institution may not be equivalent to College courses numbered 300 or higher. If a course is accepted in transfer at the 300, 400, or 500 level, however, it will be counted towards the 50 semester hour requirement mentioned above. Students who have transferred to the College should meet with an academic counselor of the Arts and Sciences Advising Center for assistance in evaluating their records for transfer credit.

### Transfer Credit Evaluation

The College recognizes appropriate course work done at other accredited universities and colleges and accepts that work according to the principles set forth in the American Association of Collegiate Registrars and Admissions Officers Transfer Credit Practices and state law. Transfer work that is college-level, academic in nature, and earned at appropriately accredited institutions will be accepted as credit toward degree, consistent with policies in effect for resident students. Transfer students must be aware that majors and/or programs may require a minimum grade of a C or better for major admission and certain degree requirements.

Work graded on a pass/fail basis as "Pass" will not count toward fulfillment of general education requirements, the language requirement, or requirements specified in the student's major program.

Courses that meet general education requirements may be transferred under course equivalencies established in the Office of Transfer Services. In cases where no equivalency is established, the Office of Transfer Services will direct students to the university academic department, school or college where similar courses are offered for evaluation of transfer credits. Students may also work with advisors in A&S to assist in this process.

Transfer students who wish to major in creative art will be required to submit portfolios before they can take 300-level creative art classes (consult the Department of Fine Arts (<http://louisville.edu/art/Undergraduate/>)).

## Foreign Students

Foreign students who have a secondary school record sufficient to predict college success and who demonstrate proficiency in the English language will be admitted to the College of Arts and Sciences. Refer to the Admission section (p. 16) of this catalog for more information about International student admission requirements.

## Auditors

Persons not eligible for admission to the College, or not seeking admission for the purpose of taking courses for credit, may receive permission to take courses as auditors. All persons who audit classes must pay the regular fees. Persons whose enrollment in the College was limited to audited courses may not change to a credit basis for any course they are auditing unless they have reapplied for admission to the College and have been admitted prior to the deadline for change of status from audit to credit. Regularly-enrolled students may also enroll

in classes as auditors. Permission of instructor is required to enroll as an auditor. Students may not enroll in audit status during the early registration period (See Auditing Courses (p. 58)).

## Pre-Unit Students

Students seeking admission to another academic unit of the university who do not satisfy all of that unit's entrance requirements may be admitted to the College of Arts and Sciences as a pre-unit student. Students admitted as pre-unit students are administratively housed in the College until they satisfy all of their intended academic unit's intra-unit transfer requirements. Persons admitted as pre-unit students should consult their desired unit's section of the catalog and/or website for more information about these transfer requirements. Pre-unit students are to be advised in A&S advising in accordance with College policy until they successfully transfer into another unit.

## Admission to the College of Business



### College of Business

Harry Frazier Hall  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-7439

Email: [business@louisville.edu](mailto:business@louisville.edu)

Website: [louisville.edu/business/](http://louisville.edu/business/) (<http://louisville.edu/business/>)

Social: Facebook (<https://www.facebook.com/UofLBiz/>), Twitter (<https://twitter.com/uoflbiz/>)

## Admission to the College of Business

Students are admitted to the College of Business on either a degree-seeking or non-degree-seeking basis. High school visitors, visiting students from other institutions, auditors, post baccalaureate students, and students admitted as special students are considered non-degree seeking. They will be notified by the Office of Admissions of their status and of the conditions of their enrollment at the time they are accepted. All other students are considered degree-seeking.

Students planning to earn degrees from the College of Business must be degree-seeking in order for the credits they have earned to apply toward their degrees. Students remain in a degree-seeking status until they graduate, transfer to another college or university, or are suspended/dismissed.

Freshman admission to the College of Business BSBA, BSE, or ECON BA programs is granted to those meeting the following requirements:

### Either

1. An ACT composite score of 25 or above (SAT 1130 or above), a high school GPA of 3.0 or above, and an ACT Mathematics score of 23 or above (SAT 560 or above)

or

2. An ACT composite score of 22, 23 or 24 (SAT 1020-1120), a high school GPA of 3.3 or above, and an ACT Mathematics score of 23 or above (SAT 560 or above)

Freshman admission to the College of Business BBA program is granted to those meeting the following requirements:

ACT composite of 23; ACT Math of 21; High School GPA 2.75

## Transfer Students

Students who seek admission to the College with credit for work taken at another institution, or in another college or school in the University of Louisville, are transfer students. Such applicants may be admitted in good standing, in conditional status, or denied admission.

## Internal Transfers

### Admission in Good Standing

Students with transferable college credit hours must have both:

Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and completion of MATH 111 College Algebra - QR (or equivalent) or MATH 180 Elements of Calculus - QR for admission to the BSBA, BSE, or ECON BA programs.

Earned a 2.5 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission) for admission to the BBA program.

## External Transfers

### Admission in Good Standing to the BSBA, BSE, or ECON BA Programs

Students must have the following:

- A grade point average of 2.8 or better on a 4.0 scale based on all work attempted for college credit. (If previously enrolled at UofL, GPA will be calculated only on UofL work attempted for college credit.) (See "Transfer Students" in the Admission section (p. 16) of this catalog);

- Good standing in the institution of last attendance, including eligibility to return to that institution;

- Full disclosure of previous attendance in another school or college of UofL and/or any other post-secondary institution.

Transfer applicants to the College of Business with less than 24 transferable credits from another accredited institution will be required to submit college transcripts, a final high school transcript, and ACT or SAT scores. In addition to meeting the 2.8 transfer college GPA, they must meet all new freshmen requirements for COB applicants with the following exception. Students meeting the high school GPA and composite ACT or SAT requirements, but not meeting the math score requirement can be admitted if they have successfully completed a college math class at the college algebra level or higher.

Transfer applicants to the College of Business with 24 or more transferable credits from accredited institutions must have a 2.8 college GPA and have completed the following course:

MATH 111 College Algebra - QR (or equivalent) or MATH 180 Calculus

### Admission in Good Standing to the BBA Program

Students must have the following:

- A grade point average of 2.5 or better on a 4.0 scale based on all work attempted for college credit. (If previously enrolled at UofL, GPA will be calculated only on UofL work attempted for college credit.) (See "Transfer Students" in the Admission section (p. 16) of this catalog);
- Good standing in the institution of last attendance, including eligibility to return to that institution;
- Full disclosure of previous attendance in another school or college of UofL and/or any other post-secondary institution.

Transfer applicants to the College of Business with less than 24 transferable credits from another accredited institution will be required to submit college transcripts, a final high school transcript, and ACT or SAT scores. In addition to meeting the 2.5 transfer college GPA, they must meet all new freshmen requirements for COB applicants.

### Other Applicants

Students whose last attendance at UofL resulted in academic suspension must petition for readmission. (See section covering College of Business policy on Academic Status.) Students who were suspended from another institution and/or another fully accredited Business program must petition for admission. Students ineligible for admission in the College because of disciplinary action in another institution or another school of this University may be ruled eligible for admission to the College by petitioning to the College of Business Undergraduate Studies Committee. Students who violate the full disclosure requirement will be referred to the COB Undergraduate Studies Committee for determination of a mandatory withdrawal from the College for a period stipulated by the committee.

### Additional Transfer Requirements

To be eligible for a degree from the College of Business, students transferring must:

- Complete at least 30 of the final 36 semester hours applicable to the degree as a student enrolled in the University of Louisville.
- Complete a minimum of 12 credit hours in the declared major at UofL.
- Complete at least 48 hours of coursework numbered 300 or higher. Work from a two-year or community college will not apply to this requirement. For this reason, students planning to transfer to this College from a community college or two-year college are advised to complete only the lower level portion of the College's general education requirements prior to transferring.
- Complete 60 hours at a four-year institution.
- Must earn a 2.0 University GPA and a 2.0 GPA in the major.

Students who have transferred to the College must meet with an academic advisor of the COB Reinhardt Academic Center for assistance in evaluating their records for transfer credit.

The College of Business recognizes appropriate coursework done at other accredited universities and colleges and accepts that work according to the principles set forth in the American Association of Collegiate Registrars and Admissions Officers Transfer Credit Practices Guide and state law. Transfer work that is college level, academic in nature, and earned at appropriately accredited institutions will be accepted and posted as credit earned (i.e., with no grade) consistent with policies in effect for resident students. Students must be aware that majors

and/or programs may require a minimum of a B-minus or better for certain degree requirements. Students admitted to the COB from other fully accredited institutions will receive credit for academic courses, but the applicability of transfer credit toward a business degree will be determined by the COB Undergraduate Studies Committee. Courses will be evaluated not only based on content but also as to level. Course level is determined by lower division (numbered 100-299) and upper division (numbered 300-499). A transfer business course must have been taken at the same level as the equivalent course at the University of Louisville to meet degree requirements.

Courses that meet general education requirements may be transferred under course equivalencies established in the Office of Transfer Services. In cases where no equivalency is established, the Office of Transfer Services will direct students to the university academic department, school or college where similar courses are offered for evaluation of transfer credits.

## Other Admissions

### Visiting Students

Visiting students from other institutions who wish to take courses in the College of Business may enroll in non-degree seeking status and must follow the procedure outlined in this catalog (p. 16). Visiting students are not eligible for COB co-ops and must meet all prerequisite requirements.

College of Business students will be allowed to visit other colleges or universities only with written permission of the Reinhardt Academic Center (Frazier Hall, room 024).

Considerations include academic standing (students must be in good academic standing), residency requirement, course equivalency, and number of course credit hours. Total course load cannot exceed 18 hours. Failure to follow these guidelines may result in loss of credit.

### Auditors

Persons not eligible for admission to the College, or not seeking admission for the purpose of taking courses for credit, may request permission to take courses as auditors. Permission of the Department Chair is required to enroll as an auditor. All persons who audit classes must pay the regular fees. Persons whose enrollment in the College was limited to audited courses may not change to a credit basis for any course they are auditing. Regularly enrolled students may also enroll in classes as auditors. Students may not enroll in audit status during the early registration period.

## Admission to the Dental Hygiene Program



School of Dentistry

Office of Student Affairs and Admissions  
501 South Preston Street Room 234  
Louisville, Kentucky 40292

Phone: (502) 852-5081  
Email: [dhygiene@louisville.edu](mailto:dhygiene@louisville.edu)  
Website: [louisville.edu/dentistry/degrees/hygiene](http://louisville.edu/dentistry/degrees/hygiene) (<http://louisville.edu/dentistry/degrees/hygiene/>)

### Admission Requirements

The School of Dentistry offers the Bachelor of Science in Dental Hygiene.

Admission into the Dental Hygiene program is a tiered process: Lower and Upper Divisions. Students apply to the UofL Lower Division to complete general education and program pre-requisite courses on the Belknap Campus. Students must apply to the Dental School Upper Division to complete the professional component of the Bachelor of Science Dental Hygiene Degree Program on the HSC Campus.

All applicants should refer to the information included in the University of Louisville catalog relative to general admission policies. Admission to the Lower Division does not guarantee admission to the Upper Division. Admission to the Upper Division is competitive.

Visit our website for more information (<http://louisville.edu/dentistry/degrees/hygiene/>). (<http://louisville.edu/dentistry/degrees/hygiene/>)

### Admission to the Lower Division

Students may be admitted directly to the UofL Dental Hygiene Program Lower Division (pre-professional) if the minimum admission standards and university deadlines are met. Applications must be submitted to the Office of Undergraduate Admissions and are available online. Students admitted to the Lower Division may also qualify for the program's Guaranteed Early Admission to the Professional Program. Information regarding early admission and general admission standards are found below and online (<http://louisville.edu/dentistry/degrees/hygiene/>).

### Admission in Good Standing

To be admitted to the UofL Lower Division in good standing, beginning freshmen and transfer applicants with less than 24 hours must meet the following requirements:

- Graduation from an accredited high school with a grade point average of 2.8 or higher, have a GED, or equivalent by petition (for example, home school education).
- Completion of the pre-college curriculum
- Composite ACT score of not less than 21 or 20 with a GPA of 3.0 or above

### University of Louisville Students Changing Majors

Students who have completed at least one semester in another school of the University earning a grade point average of at least 2.8, and have a cumulative grade point average of 2.8 or above for all college coursework may apply to the Lower Division Program in Dental Hygiene. They must complete an online change major application (<https://louisville.edu/provost/iut/>) in ULink.

Students admitted through this process must be advised before registering for courses in their first semester in the dental hygiene lower division pre-professional curriculum.

### Transfer Students

Transfer applicants with 24 credit hours or more must have a college cumulative grade point average of 2.8 or higher to be admitted to the Lower Division in good standing. Students transferring into the Lower Division must submit ACT or SAT scores when applying.

### Transfer Grade Acceptance

The University of Louisville recognizes appropriate course work completed at other accredited universities and colleges and accepts that work according to the principles set forth in the American Association of Collegiate Registrars and Admissions Officers Transfer Credit Practices and state law. Transfer credit hours that are college-level, academic in nature, and earned at appropriately accredited institutions will be accepted and posted as credit hours earned (i.e., with no grade or quality points) and will be accepted as credit toward degree, consistent with program requirements in the Dental Hygiene Program. All graded transfer credit hours, however, will be used for Upper Division admission purposes.

### Transfer Equivalency Determination

Courses that meet general education and program requirements may be transferred under course equivalencies established in the Office of Transfer Services. It is the student's responsibility to read the catalog, student handbooks, and official notices (e.g., University of Louisville School of Dentistry Dental Hygiene Program website and emails) to be informed about credits, requirements, and to abide by the regulations of the University and the School of Dentistry.

### Early Admission to the Upper Division

Each year, the dental hygiene admissions committee may reserve space in each dental hygiene upper division cohort for offers of early admission. Matriculation is conditional upon the successful completion of program prerequisites and maintenance of specific academic criteria given at time of conditional acceptance. Students must still complete admission requirements of the upper division, including completion of the DHCAS application to the upper division. Students forfeiting their conditional offer of early admission may still apply for admission to the upper division with the traditional competitive applicant pool. Students interested in early admission to the upper division are encouraged to contact the program academic counselor for more details on how to apply.

## Admission to the Upper Division

Admission to the Upper Division is competitive. Admission to the Lower Division does not guarantee admission to the Upper Division. To be considered for admission, applicants meeting the below minimum requirements may be eligible to apply. Advising to evaluate applicant readiness is encouraged for all students and required for freshman students. Applicants meeting the minimum academic requirements are not guaranteed admission to the program.

### Course Requirements

- Minimum 2.8 cumulative GPA (based on all college courses completed at accredited post-secondary institutions, as listed on all official transcripts).
- Have completed or be in the process of completing 54 credit hours of degree applicable courses, including specified general education and program pre-requisites. Students must have courses completed prior to the start of the professional program. Transfer students are encouraged to review course equivalency for verification.

### Additional Admission Requirements

- Dental Hygiene Professional Application through the ADEA Dental Hygiene Centralized Application Service (DHCAS), available online at [adeadhcas.org](http://www.adeadhcas.org) (<http://www.adeadhcas.org/>).
  - Application deadline is **January 15** and only complete applications, including all required materials, will be reviewed for admission.
- Required DHCAS materials include:
  - ACT/SAT Scores
  - Documentation of at least 20 hours of dental hygiene observation
  - Response to personal statement(s) addressed within application
  - Letters of recommendation submitted directly from recommender including two (2) from instructors, one of whom must be science, and one (1) from a personal/work/community reference.
- Official transcripts from all previously attended institutions
- The CASPer® Computer-Based Assessment for Sampling Personal Characteristics. All applicants to the Dental Hygiene program at UofL are required to complete an online assessment (CASPer), to assist with our selection process. Successful completion of CASPer is mandatory in order to maintain admission eligibility. CASPer is available online at <https://takeCASPer.com/>.

### University Application Requirements for Admission

1. Transfer students not currently enrolled in UofL must also complete the UofL undergraduate application, specifying dental hygiene (DHL) as a major selection (if admitted, transfer students will be moved to DHU).
2. UofL students not enrolled in DHL must submit a change major form (<https://louisville.edu/provost/iut/>), specifying DHL for the designated Fall semester.
3. UofL DHL students need only submit application through DHCAS.
4. TOEFL scores for applicants whose first language is not English. Because command of the English language is essential for successful professional school study, non-native English speaking applicants, regardless of citizenship, must demonstrate their English proficiency through the Test of English as a Foreign Language

(TOEFL). Preference is given to candidates with a minimum score of 100 and with listening and speaking section scores at 26 or above. The institution code for submitting TOEFL scores to the UofL School of Dentistry is **5933**. Students who have graduated from a high school in which English is the primary language and/or has completed a minimum of 30 credit hours in a fully accredited U. S. college or university qualify for a waiver of the TOEFL requirement.

Applicants **must** comply with the minimum technical standards (<http://louisville.edu/dental/hygiene/admission/upper/Minimum%20Technical%20Standards%20Form.pdf>) for admission and matriculation with or without accommodation and the immunization requirements for all Health Sciences students. Compliance with the immunization requirements for all Health Sciences students is **mandatory**.

Immunizations requirements have been established to safeguard the health and well-being of patients, students and all health care workers and can be found on the Campus Health website (<http://louisville.edu/campushealth/information/immunizations/health-professional-students/>).

### Upper Division Transfers from Another Dental Hygiene Professional Program

The University of Louisville School of Dentistry considers Upper Division Dental Hygiene transfer students (coming from professional study in another dental hygiene program) on a case-by-case basis. Only individuals who are in good standing at their present dental hygiene school (or were in good standing when they left) are considered to be eligible as a transfer student. Upper Division transfers students will be required to meet with the program director for academic review and recommendation.

## Admission to the College of Education and Human Development



### College of Education and Human Development

Woodford R. and Harriett B. Porter Building  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-5597

Email: [edadvise@louisville.edu](mailto:edadvise@louisville.edu)

Website: [louisville.edu/education/](http://louisville.edu/education/) (<http://louisville.edu/education/>)

Social: Facebook (<http://www.facebook.com/uofleducation/>)

### Admission Requirements

Students are admitted to the College of Education and Human Development on either a degree-seeking or non-degree seeking basis.

High school visitors, visiting students from other institutions, auditors, those pursuing undergraduate certificates only, and post baccalaureate students are considered non-degree seeking. Non-degree seeking students will be notified by the Office of Admissions of their status and of the conditions of their enrollment at the time they are accepted. All other students are considered degree-seeking.

Students planning to earn degrees from the College of Education and Human Development should submit an application for admission to the Undergraduate Admissions Office of the University. Students must apply for readmission if they do not enroll in classes for two or more years, and they must follow the catalog requirements in place at the time of readmission.

Students applying with less than 24 credit hours are admitted in good standing with the following:

- High school grade point average is 2.50 or above, or successful completion of the General Education Development (GED) tests
- Completion of the Kentucky Pre-College Curriculum
- ACT composite score of 21 or above
- (If college credit has been earned) a cumulative college grade point average (based on degree applicable credits) of 2.25 or above

Students applying with less than 24 credit hours who do not meet the above criteria may be admitted in conditional status subject to University admission guidelines for new Freshmen.

**Note:** Students who are 21 years of age or older are exempt from the Pre-College Curriculum requirements.

Students applying with 24 credit hours or more are admitted in good standing if their cumulative grade point average is 2.25 or above. Students admitted in good standing must maintain a University of Louisville cumulative grade point average of 2.25 or above to remain in good standing status. Students applying with 24 credit hours or more are admitted in conditional status if their cumulative grade point average is 2.00 to 2.24. Students admitted in conditional status may enroll in no more than 14 credit hours (10 credit hours in the summer). Students admitted in conditional status who earn a University of Louisville semester grade point average of 2.25 or above will be placed in good standing. Students admitted in conditional status who earn a University of Louisville semester grade point average less than 2.25 will be placed in academic warning status.

## Admission in Special Status

Students whose cumulative college grade point average (based on degree applicable credits) is below 2.00 may petition the College of Education and Human Development Standards and Admissions Committee for consideration for admission in Special Status. Conditions for admission in special status and continuance in special status will be decided by the College of Education and Human Development Standards and Admissions Committee based upon a student's academic background and circumstances.

## Transfer Students

A student transferring from another institution should take the following steps in seeking admission:

1. Complete an undergraduate application and submit to the Admissions Office, University of Louisville, for admission to the College of Education and Human Development. Undergraduate

applications are available online (<https://admissions.louisville.edu/ugrd/>).

2. Request that official transcripts from each institution previously attended be sent to the Admissions Office, University of Louisville.  
**Please note:** A student who fails to declare previous attendance at another institution may be dismissed.
3. Schedule an appointment with the CEHD Academic Advising Office to have an official degree audit prepared.

## Additional Program Requirements

### Organizational Leadership and Learning program

Applicants applying for admission to Organizational Leadership and Learning must meet the following criteria, in addition to the admission standards listed above.

Prior extensive and documented work experience, or equivalent experiences as determined by the program faculty, or technical coursework in a training area or occupation is required.

For the BS in Organizational Leadership and Learning with a track in Career and Technical Education, applicants must have completed requirements for a professional license. This program is designed for Kentucky certified teachers in Career and Technical Education to earn their Rank 1 certification.

Applicants to the BS in Organizational Leadership and Learning with a track in Healthcare Leadership must have a 2.7 cumulative GPA in college level courses. Applicants who have a cumulative GPA below 2.7 may petition the College of Education and Human Development Standards and Admissions Committee for consideration for admission on a probationary status.

### Teacher Education programs

Students who plan to pursue an undergraduate teacher education program should meet with an academic advisor in the College of Education and Human Development to discuss the application process and admission to the program.

All candidates must submit a complete teacher education application to the College of Education and Human Development by the deadlines specified for each program. For more information: [louisville.edu/education/degrees](http://louisville.edu/education/degrees) (<http://louisville.edu/education/degrees/>).

Admission to teacher education programs is competitive. The admissions committee will assess the qualifications of each applicant and his/her potential for success in the program.

## Admission to the Raymond A. Kent School of Social Work and Family Science



**Raymond A. Kent School of Social Work and Family Science**<sup>1</sup>  
Oppenheimer Hall  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-6402  
Email: [bswkent@louisville.edu](mailto:bswkent@louisville.edu)  
Website: [louisville.edu/kent](http://louisville.edu/kent) (<http://louisville.edu/kent/>)

### Admission Requirements

Persons interested in admission to the Raymond A Kent School of Social Work and Family Science should contact the BSW Program. We encourage potential applicants to consult the BSW page on the Kent School website (<http://louisville.edu/kent/academics/bachelor-of-science-in-social-work/>). If you wish to discuss the application process in person, you may contact the BSW Program to make an appointment.

Kent School seeks mature students with a demonstrated ability to work with people, emotional stability, good interpersonal skills, and the ability to perform well academically. To ensure that entering students meet these standards, the faculty has established the following guidelines.

Once students are accepted by University of Louisville's Admission Office and declare a major as Social Work, they are admitted to the University as lower division students. However, admission to lower division does not guarantee admission to the upper division Social Work Program.

### Criteria for Admission to the Lower Division Social Work Program Admission in Good Standing

To be admitted to the lower division, beginning freshmen must meet the following requirements:

- Graduate from an accredited high school with a grade point average of 2.5 or higher; have a GED, or equivalent by petition (for example, homeschool education); and
- Completion of the pre-college curriculum; and
- Achieve a composite ACT score of 20 or higher.

### Transfer Students

Transfer applicants with 24 hours or more must have a college grade point average of 2.5 or higher to be admitted in good standing. Transfer students without these may apply for conditional admissions.

### Change of Major (Intra-University Transfer) Students

Students who have completed at least one semester in another school or college of the University of Louisville and have a grade point average of at least 2.5 and have a cumulative grade point average of 2.8 or above for all college coursework may apply for an intra-university transfer to the lower division of the BSW Program. They must complete an online Change Major form that can be found on Ulink. Students admitted through this process must be advised before registering for courses in their first semester in the lower division curriculum.

After completion of 45 hours of college credit, they may be considered for admission to the Social Work Program. Admission to the upper division Social Work Program is conducted without discrimination on the basis of race, color, gender, age, creed, ethnic or national origin, disability, or sexual orientation. If the students have no para-professional work history, they are encouraged to pursue extensive volunteer experience prior to application.

### Criteria for Admission to the Upper Division Social Work Program

Prior to application for admission to the Social Work Program, students must have:

- Earned 45 semester hours of college credit;
- A minimum cumulative GPA of 2.5 on a four-point scale.

### Current UofL Students

Current university students must:

- Contact the BSW Program at [bswkent@louisville.edu](mailto:bswkent@louisville.edu) to declare Social Work as a major.
- Supply two letters of reference supporting the student's application and providing information about character, maturity, stability, achievements, interactional skills and special qualities. These letters may come from professors, high school teachers, counselors, supervisors, professional social workers, and other professionals, but not from relatives of the student.
- Submit a 700–1000-word personal statement with the application. The personal statement (double-spaced, 12-point font) should address the following topics: a) your commitment to the goals, purposes, ethics and values of social work; and b) the intellectual and personal qualifications that will enable you to practice social work successfully.

Note: If there are gaps or deficiencies in your academic record, please address these in an addendum to your statement.

- A signed and dated Secondary Application Form including: the Statement of authenticity, Release and Waiver for admissions and student records, Ethical Standard of Behaviors, program plan selection, and if applicable transfer degree information.
- Current resume that includes the following information: any places of employment and volunteer experiences that you have had in the last 2 years including place of employment or volunteer activity, dates of employment or volunteer experience, job title or position held, description of job responsibilities.

If you have been convicted of a felony, please include a description of the circumstances and outcomes of the conviction. Please note that prior convictions for criminal offenses may preclude one's ability to be licensed as a social worker in many states. In addition, many practicum sites require background checks and periodic drug screenings. Any negative findings that affect agency placement may also prevent successful completion of the requirements for the degree. Applicants and students should consider these barriers in their educational planning.

Applications to the upper division are accepted based on the following deadlines:

**On-campus program:** Priority Deadline, February 1

**Online program:** Priority Deadline, February 1; Final Deadline, May 1

Submit the above materials to:

**BSW Admissions**  
Kent School of Social Work  
Louisville, KY 40292  
Email: bswkent@louisville.edu

## Transfer Students

Transfer students must:

- Complete the application process for admissions to the University of Louisville. Applications for transfer student can be found at [admissions.louisville.edu](http://admissions.louisville.edu) (<http://admissions.louisville.edu>). This is a page of quick links for transfer students and also contains the link to the application. Make certain that you indicate Social Work as your major on this form.

If you have questions about this form, you may contact the University of Louisville Office of Admissions:

**Office of Admissions**  
University of Louisville  
Louisville, KY 40292  
phone: (502) 852-6531 or (800) 334-8635 ext. 8526531  
email: [admitme@louisville.edu](mailto:admitme@louisville.edu).

- Submit a non-refundable application processing fee. Attach a personal check, money order or cashier's check (U.S. dollars) payable to the University of Louisville to your completed application if you submit the hard copy application. If you apply on-line at the above website, you must also pay your application fee on-line with a credit card or check. Note: Paying your application fee with a check will delay the process for 8 days.
- Provide an official academic transcript from each college/university you have attended, including those at which you were enrolled for academic credit as a non-degree student and/or credits, which you transferred to another college. All transcripts must bear the official seal and signature of the institution attended. You must request these transcripts directly from the Registrar or appropriate officer of each institution. UofL transcripts are provided automatically for applicants who have attended UofL. Applicants must have earned 45 semester hours of college credit and have a minimum cumulative GPA of 2.5 on a four point scale.
- The Test of English as a Foreign Language (TOEFL) is required for applicants whose native language is not English. A test link to the TOEFL is available at [louisville.edu/student/services/testing/index.html](http://louisville.edu/student/services/testing/index.html) (<http://louisville.edu/student/services/testing/>).

- International students may be required to have their transcripts evaluated by a credential evaluation service in the U.S. Two possible services include World Education Services, Inc., at [wes.org](http://www.wes.org) (<http://www.wes.org>) and Educational Credential Evaluators at [ece.org](http://www.ece.org) (<https://www.ece.org>). Students may be required to participate in a brief telephone interview as part of the admission process. When completing the I-20, students should note that they will be placed in a practicum as part of their education. Admitted students should visit the International Center when they arrive on campus to obtain the proper immigration documentation necessary to begin the practicum.

Transfer students need to send all of the aforementioned documentation to:

**Office of Admissions**  
University of Louisville  
Louisville, KY 40292

Transfer students must also submit additional documents to complete their application process. The additional documents include:

- Two letters of reference supporting the student's application and providing information about character, maturity, stability, achievements, interactional skills and special qualities. These letters may come from professors, high school teachers, counselors, supervisors, professional social workers, and other professionals, but not from relatives of the student.
- Current resume that includes the following information: any places of employment and volunteer experiences that you have had in the last 2 years including place of employment or volunteer activity, dates of employment or volunteer experience, job title or position held, description of job responsibilities.
- A 700-1000 word personal statement (double-spaced, 12-point font) that addresses the following topics: a) your commitment to the goals and purposes of social work; b) the intellectual and personal qualifications that will enable you to practice social work successfully.

Note: If there are gaps or deficiencies in your academic record, please address these in an addendum to your statement.

Each applicant is required to add the following statement to the beginning of their personal statement accompanied by the applicant's signature and date of the signature:

*Academic dishonesty is prohibited at the University of Louisville. In keeping with this policy, I certify the material contained in this application is solely my work and that I have neither cheated nor plagiarized in its creation.*

If you have been convicted of a felony, please include a description of the circumstances and outcomes of the conviction. Please note that prior convictions for criminal offenses may preclude one's ability to be licensed as a social worker in many states. In addition, many practicum sites require background checks and periodic drug screenings. Any negative findings that affect agency placement may also prevent successful completion of the requirements for the degree. Applicants and students should consider these barriers in their educational planning.

Submit the above materials to:

**BSW Admissions**  
Kent School of Social Work  
Louisville, KY 40292

Email: [bswkent@louisville.edu](mailto:bswkent@louisville.edu)

<sup>1</sup> Name change effective January, 2022.

## Admission to the School of Music



### School of Music

University of Louisville  
Louisville, KY 40292

Phone: (502) 852-6907

Email: [gomusic@louisville.edu](mailto:gomusic@louisville.edu)

Website: [louisville.edu/music/](http://louisville.edu/music/) (<http://louisville.edu/music/>)

Social: Facebook (<http://www.facebook.com/uoflmusic/>)

### Admission Requirements

Every prospective School of Music student must successfully audition and submit the following before a formal admission recommendation is made:

1. A completed application for admission to the University of Louisville, including the application fee
2. A completed School of Music Application for Financial Aid (optional)
3. Official high school/college transcript
4. Scores from the American College Testing (ACT) Program (required for all full-time applicants who have earned fewer than 24 acceptable semester credit hours in a college or university)
5. Test of English as a Foreign Language (TOEFL). If English is not your native language, you must verify your English proficiency by submitting official, satisfactory scores (550 or higher for paper-based test, 213 or higher for computer-based test, or 79-80 on the internet-based test), or a score of 6.5 on the IELTS exam, or by successful completion of the Intensive English as a Second Language (IESL) program at the University of Louisville, and
6. Names and contact information of two references, at least one of whom must be a music professional who has taught or directed the student (private teacher, high school teacher, ensemble director, etc.); the other may be another music professional or a high school teacher of a different subject.
7. Although each student must play or sing a performance audition for the School of Music, applicants to the BM program with emphasis in Composition must also submit a portfolio of work that includes the following: three or four samples of original compositions, along with recordings of the same works, if possible. Evidence of experience using various instrumental and/or vocal combinations is helpful.
8. In addition to the instrumental/voice audition, the successful music theory applicant will submit a portfolio containing three items: a) an essay of 500 words or more about a piece of music, which can

be an analysis, a set of program notes, or a description of what you like about the piece; and b), one of the following: a composition (either stylistic or original; please send score and recording), a melody harmonization for four voices, a figured bass realization, or a 2-voice mixed species counterpoint example; and c), a short essay (100-200 words) detailing why you want to study music theory. Students who have questions about what to submit in the portfolio should feel free to ask questions before submitting.

9. Because the field of Music Therapy requires the therapist to sing to patients/clients, a demonstration of functional vocal ability must accompany the application of all non-voice principle majors. Applicants must submit a video recording of themselves singing two solo songs of contrasting styles. These songs do not need to be memorized, can be very simple, and may be accompanied by an instrument or sung *a cappella*. The video must be sent via YouTube for evaluation by the faculty. Please email the YouTube/video links to [gomusic@louisville.edu](mailto:gomusic@louisville.edu) by February 27.

Students admitted on probation/conditionally must be in good standing after one or two semesters (as indicated in the acceptance letter), or they will be dismissed and not allowed to continue pursuing a degree in music.

All recommendations are pending the student meeting minimum admission requirements of the School of Music (2.75 GPA and 21 ACT).

**Note:** Admission to Teacher Education requires 21 ACT. Students must apply to Teacher Education in the second semester of their sophomore year (February 1 application deadline). Failure to be admitted to Teacher Education will delay a student's ability to take advanced classes in music education and teacher education.

### Prerequisite Training in Applied Music

Audition requirements can be found at: [louisville.edu/music/apply/undergraduate/audition-dates-requirements/](http://louisville.edu/music/apply/undergraduate/audition-dates-requirements/) (<http://louisville.edu/music/apply/undergraduate/audition-dates-requirements/>)

Instrumental requirements: [louisville.edu/music/apply/undergraduate/audition-dates-requirements/instrumental-undergraduate-audition-requirements/](http://louisville.edu/music/apply/undergraduate/audition-dates-requirements/instrumental-undergraduate-audition-requirements/) (<http://louisville.edu/music/apply/undergraduate/audition-requirements/>)

Jazz requirements: [louisville.edu/music/apply/undergraduate/audition-dates-requirements/jazz-studies-undergraduate-audition-requirements/](http://louisville.edu/music/apply/undergraduate/audition-dates-requirements/jazz-studies-undergraduate-audition-requirements/) (<http://louisville.edu/music/apply/undergraduate/audition-requirements/jazz-studies-undergraduate-audition-requirements/>)

Voice requirements: [louisville.edu/music/apply/undergraduate/audition-dates-requirements/voice-undergraduate-audition-requirements/](http://louisville.edu/music/apply/undergraduate/audition-dates-requirements/voice-undergraduate-audition-requirements/) (<http://louisville.edu/music/apply/undergraduate/audition-dates-requirements/voice-undergraduate-audition-requirements/>)

### All Applied Music Fields

If the qualifying entrance examinations indicate that an entering student has not reached the minimum level of achievement in required music fields (or in certain theoretical courses), the student will be required to take appropriate courses without credit until the proper level is attained.

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#### Instrumental (non-Jazz) Undergraduate Audition Requirements

##### **Bassoon**

All prospective bassoon students should be prepared to play 2-3 works of contrasting styles. You may be asked to play scales and to sight-read.

**Cello**

All prospective cello students should be prepared to play 2 or 3 contrasting pieces. Suggested repertoire consists of the following:

- a movement of a concerto;
- a movement of solo Bach;
- an etude; or
- a solo piece or sonata.

**Clarinet**

All prospective clarinet students should be prepared to play 2 works, or movements of works, of contrasting styles. Scales are not required, but you will be asked to sight-read.

**Double Bass**

All prospective bass students should be prepared to play 2-3 contrasting solo selections, standard orchestral excerpts, and major and minor scales. You may also be asked to sight-read.

**Euphonium**

All prospective euphonium students should be prepared to perform 2 or 3 selections in contrasting styles from solo literature or etudes. These selections should demonstrate both expressive and technical dimensions of the student's playing. Major scales and sight reading may also be asked.

**Flute**

All prospective flute students should be prepared to play 2 pieces of contrasting styles for the audition, for a total of 8-10 minutes of music. You should be prepared to sight-read and play a few scales.

**French Horn**

All prospective horn students are required to play 2 pieces of contrasting styles, scales, and to sight-read.

**Guitar**

All prospective guitar students must display the following:

- Completion of Aaron Shearer's *Classic Guitar Technique, Vol. 1* or a comparable classic guitar method;
- Preparation of at least 3 contrasting pieces preferably from different historical periods (i.e. Renaissance, Baroque, Classical/Romantic, 20<sup>th</sup> Century/Contemporary); one of the pieces should be etudes by such composers as Aguado, Brouwer, Carcassi, Giuliani, Sor, Tárrega, or Villa-Lobos;
- Knowledge of applicable technical studies: Giuliani's *120 Right Hand Studies*, Segovia's *Diatonic Major and Minor Scales*, Carlevaro's *School of Guitar*; and have sufficient sight-reading abilities.

**Harp**

All prospective harp students should be prepared to play 2 pieces of contrasting styles, for a total of 12-15 minutes of playing.

**Oboe**

All prospective oboe students should be prepared to play 2-3 works of contrasting styles, such as a Handel Sonata or pieces of comparable difficulty. Students may be asked to play scales and to sight-read.

**Organ**

To enter the four-year degree program in organ, the student should have completed sufficient piano study to be able to play Bach *Inventions*, Mozart sonatas, Beethoven sonatas, and compositions by Mendelssohn, Grieg, Schubert, and Schumann.

**Percussion**

Students should perform works in the following categories that accurately represent their current level of achievement. There may be possible sight-reading on all instruments (keyboards, timpani, snare drum).

Required:

- One 2-Mallet and/or 4-Mallet keyboard work (with or without piano accompaniment);
- Two snare drum works (rudimentary and orchestral);
- One Timpani work (2, 3, or 4 Drums); and
- Snare Drum Rudiments.

Optional:

- One multiple percussion work; or
- Drum Set: various styles (Jazz, Bossa Nova, Afro, Cuban, etc.).

**Piano**

To be admitted as an undergraduate piano student, students should:

- Be able to play all major and minor scales and arpeggios correctly at a moderately rapid tempo;
- Have the skills to sight read compositions of moderate difficulty; and
- Have already studied such compositions as Bach *Inventions*, classical sonatas, and works by such composers such as Mendelssohn, Chopin, Schumann, Debussy, Bartok, and Kabalevsky.

At the audition, students will be expected to play three pieces of contrasting styles including:

- Bach *Two or Three Part Invention* or suite movement;
- Movement of a classical sonata; and
- Romantic, Impressionistic, or Twentieth/Twenty-first Century work.

They will also be asked to present:

- Scales and arpeggios in any major or minor key; and
- Sight reading of an intermediate level work.

Students must bring to the audition a Repertoire List including works studied in the past five years.

**Saxophone**

All prospective students should be prepared to play 2-3 works, or movements of works, of contrasting styles. Students may be asked to play major and minor scales and to sight-read.

**Trombone**

Tenor Trombone: proficiency in major scales, 2 octaves; 1 Rochut Melodious Etude; Morceau Symphonique by Guilman or Concertino by David.

Bass Trombone: proficiency in major scales, 2 octaves; 1 Rochut Melodious Etude, Vol. 1; pick 1 solo from Patrick McCarty Sonata, Lebedev Sonata, or Telemann Fantasies.

**Trumpet**

All prospective students are required to play 2 pieces of contrasting styles, scales, and to sight-read.

**Tuba**

All prospective students should perform 2-3 selections in contrasting styles from solo literature or études. These selections should demonstrate both expressive and technical dimensions of the student's playing. Major scales and sight-reading may also be asked.

#### **Viola**

All prospective students should be prepared to play:

- One 3-octave scale (the student may choose the key);
- One movement from the Bach *Unaccompanied Cello Suites*; and
- One movement from the standard viola literature that best demonstrates the student's ability.

#### **Violin**

To enter the degree program in violin performance, the student should be able to perform:

- A movement of any Bach Sonata or Partita;
- A movement of any Mozart Concerto; and
- A movement of any Romantic Violin Concerto.

To enter any other degree program, the student should be prepared to perform:

- Two movements of contrasting styles, one of which should be a movement of unaccompanied Bach.

### **Instrumental (Jazz Studies) Undergraduate Audition Requirements**

#### **Major Instrument Requirements**

All scale and chord possibilities can be found in any Aebersold volume, Aebersold Summer Jazz Workshop handout, or contact the school for material. A jazz experience at University of Louisville is geared toward achieving a greater proficiency in ensemble playing. Your primary performing opportunities will be in jazz ensemble and combo. Solo performance is a desirable goal and may also be studied.

#### **All Instruments (except Drums, where noted)**

Scales – All 12 keys in at least two octaves

- Major/Dominant/Minor (Dorian preferred)
- Blues scales (not for bass)

Chords/Arpeggios: Major/Dominant/Minor

Play the following: all selections can be found in Aebersold Volume 54 "Maiden Voyage"

- Blues in either Bb or F;
- A tune of your choice: melody and improvisation (good choices include *Autumn Leaves*, *Summertime*, *Maiden Voyage*, *Satin Doll*);
- A jazz transcription if possible by a master performer on your instrument; and
- Optional: a classical selection of your choice, length not important.

Sight-reading: Melody and improvise basic chord progression

#### **Piano**

- One hand voicings
- Right hand guide tones/Left hand root
- Three and/or four notes rootless voicings (guides and one or two color tones) in either right or left hand

- Sight-reading
- Basic chord progression: Right hand voicings/left hand root
- Melody and improvisation with or without voicings

#### **Guitar**

- Two voicings for all root position seventh chords (one voicing from sixth string and another off or fifth string)
- Sight-reading
- Melody and improvise basic chord progression
- Comp through progression

#### **Bass**

- Sight-reading
- Basic chord progression
- Demonstrate: 2 beat/walking/Latin

#### **Drum Set**

- Demonstrate the following styles in either 32 or 12 bar form: Swing/Bossa Nova/Rock (any style)/Afro-Cuban
- Be able to play time in either 32 or 12 bar form: 4/4, 3/4, 6/8
- Demonstrate the ability to play with brushes
- Trade: 8's over a 32 bar tune/ 4's over a 12 bar blues

### **Voice Undergraduate Audition Requirements**

Be prepared to sing at least 2 songs in the classical style, from memory, in contrasting styles and moods. Usually this means one is in a moderate or slow tempo, which shows your ability to sustain good vocal tone, and one is in a livelier mood, which demonstrates articulation and vocal flexibility. The songs you choose should be memorized from printed music and must be accompanied by piano. Songs may have either English or foreign texts. You should get advice on appropriate selections and, if possible, vocal training from a competent and knowledgeable voice teacher in preparation for the audition.

In addition to singing 2 songs, you will be asked to sing at sight a short musical example. There may also be a tonal memory evaluation in which you will sing back a few brief sequences of intervals that have been played on the piano. These are diagnostic exercises that help in assessing your level of musical security and independence. Note: vocal auditions may be video recorded.

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## **Community College Transfer Limits Policy**

For bachelors' degrees, students must present at least sixty (60) semester credit hours earned at four-year institutions. Students must also meet residency requirements.

## **Special Students**

Students sixteen years of age or over who have not satisfied the requirements for admission as candidates for degrees may, by special consent of the Dean, be admitted upon payment of the regular fees. Such special students cannot become candidates for degrees until they have satisfied admission requirements for the degree desired.

## **Re-enrolling Students**

If a student has a break in enrollment of two or more calendar years, that student must apply for readmission to the School of Music, and if admitted, will be subject to catalog requirements in effect at the time of

readmission. Students who have not taken applied music for one or more calendar years must re-audition in their major applied area. Bachelor of Arts students who have completed their applied music requirements are exempt, unless they plan to continue applied music study.

Students who were not enrolled during the immediate past semester, but were enrolled within the last two calendar years, and who wish to continue in the school and program in which they were last registered, are eligible to re-enroll. They need to complete a re-enrollment form at the School of Music or the Registrar's Office.

Students completing the re-enrollment process are eligible for early registration for the term in which they wish to return. Students whose last enrollment status was visitor, high school visitor, conditional, or who were dismissed, must reapply. Students last enrolled in University College or Transitional Studies must also reapply through the Office of Admissions since those units are no longer in existence.

### Transfer Grade Acceptance

The University of Louisville recognizes appropriate course work done at other accredited universities and colleges and accepts that work according to the principles set forth in the American Association of Collegiate Registrars and Admissions Officers Transfer Credit Practices and state law.

Transfer work that is college-level, academic in nature, and earned at appropriately accredited institutions will be accepted and posted as credit earned (i.e., with no grade) and will be accepted as credit toward degree, consistent with policies in effect for resident students. Students must be aware that majors and/or programs may require a minimum of a C or better for certain degree requirements. Individual units or programs may set higher standards in accepting transfer grades, which supersede those indicated here.

The School of Music does not accept transfer grades below a C. No credit is transferred for applied music or theory. Advanced standing for applied music may be awarded at a jury. Advanced standing for theory is awarded by examination. Music history credits are evaluated for transfer by the Music History faculty. Recital Attendance credits may be transferred. Principal ensemble credits may be transferred, but not to exceed one per semester. Those with Recital Attendance transfer credits or documented ensemble experiences or courses will be evaluated on an individual basis by the Dean's Office.

### Transfer Equivalency Determination

Transfer equivalencies are determined by the instructional unit or the "best fit" unit as determined by the Office of the University Provost. Courses that meet general education requirements may be transferred under course equivalencies established in the Office of Transfer Services. In cases where no equivalency is established, the Office of Transfer Services will direct students to the university academic department, school, or college where similar courses are offered for evaluation of transfer credits.

## Admission to the School of Nursing



### School of Nursing

Health Sciences Campus, K-Wing  
555 South Floyd Street  
Suite 3019  
University of Louisville  
Louisville, Kentucky 40202

Phone: (502) 852-8300

Website: [louisville.edu/nursing](http://louisville.edu/nursing) (<http://louisville.edu/nursing/>)

## Admission Requirements

The School of Nursing offers the Bachelor of Science in Nursing (BSN). There are two degree curricula available to pursue the BSN: a Traditional BSN and an RN to BSN. Students apply for a degree program based upon their previous academic background. To be eligible to apply to the RN-BSN program, students must be a licensed registered nurse.

Admission to the School of Nursing is a two-level process for the traditional degree program; lower division and upper division. Students must be admitted to the lower division of the degree program to be eligible to apply to the upper division of the degree program. Admission to the lower division does not guarantee admission to the upper division. Admission to the upper division of the degree program is selective.

## Admission to the Lower Division

Students may be admitted directly to the School of Nursing's lower division (pre-professional) if the minimum admission standards and university deadlines are met. Admission applications must be submitted to the Office of Undergraduate Admissions. Applications are available on line through the university's website. Admission to the lower division (pre-professional) does not guarantee admission to the upper division (professional curriculum).

Freshmen and transfers with fewer than 24 hours of college credit

To apply to the lower division, applicants must:

- Submit an official high school transcript
- Submit all official transcripts from all outside college course work, if applicable
- Submit one of the following exam scores: ACT, SAT, or Accuplacer.

All documents are submitted to the Office of Admissions. Mail to or request mailing to:

**The Office of Admissions**  
Dept. AO

University of Louisville  
Louisville, KY 40292.

## Admission in Good Standing

To be admitted to the lower division in good standing, beginning freshmen and transfer applicants with less than 24 hours of college credit must meet the following requirements:

- graduation from an accredited high school with a minimum cumulative grade point average of a 3.0 (on a 4.0 scale) or have an appropriate GED score, or equivalent by petition (for example, home school education).
- minimum ACT Composite score of 22; SAT minimum score 1100
- minimum Math ACT sub-score of 22; SATM minimum score 540
- minimum college grade point average of 2.8, if applicable
- Accuplacer scores may be used in place of the ACT/SAT. Minimum required scores: QRAS Math score of 250; Reading score of 244.

## Transfer Students with More Than 24 Hours of College Credit

Students must meet the admissions requirements for transfer students with more than 24 hours. For admissions into the lower division, applicants must have a minimum cumulative college grade point average of 2.8 (on a 4 point scale) in all undergraduate college course work.

- Submit all official transcripts from all outside college coursework to the Office of Admissions. Mail to or request mailing to:

**The Office of Admissions**  
Dept. AO  
University of Louisville  
Louisville, KY 40292.

## University of Louisville Students Changing Majors

Students who have completed at least one semester in another school of the University of Louisville and have a minimum college grade point average of 2.8 may apply to the School of Nursing. They must complete an online change of major form that can be found on the university website. Students admitted through this process must be advised before registering for courses in their first semester in the nursing program.

## Admission to the Upper Division

### Traditional BSN Degree

Admission to the upper division is selective.

Students that are admitted into the upper division professional nursing curriculum will be required to meet all clinical compliance requirements prior to entering any clinical facilities.

To be considered for admission, applicants must:

- Have completed the lower division (pre-professional) curriculum or be in the last semester of completion (see Degree Programs- Nursing).
- Have earned a minimum cumulative undergraduate grade point average of 2.8. The cumulative grade point average for admission to upper division nursing is calculated based on all course work completed at accredited post-secondary institutions. Transfer credit and transfer GPA is determined by the Office of Transfer Articulation in the Office of Undergraduate Admissions.
- Have earned a minimum lower division (pre-professional) program grade point average of 3.0. The lower division program grade point

average is based on required lower division curriculum course work as determined by the nursing faculty.

- Earn a C or higher in required sciences, nutrition, math, English, and nursing courses. Science courses must have been completed within the last 10 years. Students must submit an application for acceptance of sciences taken prior to the last 10 years to the School of Nursing Office of Student Services. Appropriate faculty and/or administrators will review the request. Consideration will only be given to those with experience in the science in which exception is being requested. Transfer credit for science courses taken prior to the last 10 years will be evaluated on an individual basis. There can be no outstanding incomplete grades prior to beginning nursing courses.

Students admitted as a first-time University of Louisville freshman will have 0.2 points added to their program grade point average for ranking during review of upper division applications.

## Applying to the Upper Division

To apply to the upper division, a student must:

- Submit a University of Louisville Undergraduate Application if new to UofL or submit an online change of major form if already enrolled in a school other than the School of Nursing at UofL.
- Submit a written essay, narrative, or short story describing your personal qualities and how they fit you for a career in nursing, your perception of the nursing field and what influenced you to select nursing as a career
- Submit a certified criminal background check. Details on the School of Nursing website.
- Complete the interview process (if requested).
- Applications and credentials must be received by the following deadlines:
  - May 1 for Fall admission - traditional program
  - September 15 for Spring admission - traditional program

**NOTE: An unsatisfactory background check may prevent a student from being admitted into the program and/or licensed as a registered nurse. Questions regarding licensing should be addressed with the Kentucky Board of Nursing.**

The appropriate undergraduate committees must evaluate applicants for acceptance to an upper division clinical cohort. The committee decision will be communicated to the applicant in writing. Admissions are contingent on successful completion of the lower division (pre-professional) curriculum. Accepted students will receive a letter of agreement stating the anticipated start date, the conditions for accepting the space, and consequences of failing to keep the space. The letter of agreement must be signed and returned within 10 working days of receipt to assure a space in the upper division clinical cohort. All qualified students who meet admission criteria but are not accepted into the requested upper division clinical cohort due to space constraints should meet with their advisor.

## Guaranteed Early Admission (GEA) Native College Freshmen

The Guaranteed Early Admission (GEA) program is available to first year University of Louisville freshmen. Forty spaces are reserved in upper division each academic year for first year, full time college freshmen, who enter the University of Louisville in the Fall semester. First year college freshmen apply upon completion of their first year of college for a guaranteed admission to a specific upper division cohort. These spaces

are awarded based upon the student's competitive application. Transfer students are not eligible.

To be considered as a first year freshman for guaranteed admission to the upper division, an applicant must:

- Successfully complete NURS 101 with a minimum grade of B.
- Successfully complete the first year of full time coursework with a minimum 3.25 GPA.
- Completion of two required science courses (CHEM 105 and BIOL 102 or their equivalent) with minimum grades of B.

Application requirements:

- An essay of 500 words or less describing your interest in a career in nursing.
- School of Nursing Application for GEA available on SON website or from professional advisor.
- Deadline is April 1 each year.

To maintain GEA status:

- Accept a start date to begin upper division courses for a specific semester.
- Maintain a minimum cumulative college GPA of 3.0 each semester of enrollment in the lower division.

#### Direct Admission Program for High School Seniors

The Direct Admissions program is available to high school seniors that plan to enroll as first time freshman at the University of Louisville and major in nursing. A minimum of ten spaces are reserved each academic year. These spaces are awarded based on the student's competitive application. Students apply while enrolled in their senior year of high school.

To be considered as a high school senior for direct admission into upper division, an applicant must meet the following requirements:

- minimum high school grade point average of 3.5 on a 4.0 scale (unweighted)
- minimum ACT composite score of 25 or SAT 1200
- minimum Math ACT sub-score of 25 or SATM 590

Application Requirements:

- An essay of 500 words or less describing your interest in a career in nursing.
- School of Nursing Direct Admit application, available on the School of Nursing website.
- Deadline is November 15th of student's senior year of high school.

To Maintain Direct Admit Status:

- Accept a specific fall semester upper division start date. If an earlier start date is determined possible by the nursing academic advisor in the first semester of enrollment at UofL, a spring upper division semester start date may be approved by request.
- Maintain a minimum cumulative GPA of 3.0 each semester of enrollment in lower division.
- No repeats of required science or nursing courses: BIOL 102, CHEM 105, BIOL 260, BIOL 261, BIOL 262, BIOL 257, BIOL 258, NURS 338, NURS 395.

- Must complete a minimum of 5 science courses, with labs, during freshman year of college: BIOL 102, CHEM 105, BIOL 260, BIOL 261, BIOL 262, BIOL 257, BIOL 258.

### Admission to RN-BSN Program

Students may be admitted directly into the RN-BSN program if the admissions requirements are met.

To apply to the program, applicants must:

- Submit a University of Louisville undergraduate admissions application. Undergraduate admission application deadlines may be obtained from the University of Louisville website.
- Submit all official college transcripts to the Office of Admissions. Mail to or request mailing to:

#### The Office of Admissions

Department AO  
University of Louisville  
Louisville, KY 40292

#### Admissions requirements for direct admissions into the RN-BSN program:

- minimum cumulative grade point average of 2.0 in all college work.
- unrestricted Registered Nurse license or eligible to take NCLEX.
- may be required to submit a certified criminal background check. Details on the School of Nursing website.

## Additional Transfer Student Information

### Awarding of transfer credit

A student may earn college credit through a variety of mechanisms. Therefore, students seeking advanced standing through transfer of credit should seek advice from the Office of Student Services, School of Nursing, as soon as possible. Individual evaluations include:

1. Courses from accredited colleges and universities.
2. Course descriptions and outlines.
3. CLEP examinations.
4. Advanced Placement examinations.
5. Portfolio documentation, RN-BSN program only. Students in the RN-BSN program will receive 30 college credits from the university after successful completion of the portfolio course.
6. General Education Block Certifications by accredited Kentucky institutions are recognized.
7. The School of Nursing has a ten-year limit on science courses. Transfer credit for science courses taken prior to the last 10 years will be evaluated on an individual basis.
8. Other transfer courses are evaluated on an individual basis for currency and equivalency to required courses in the nursing curriculum. Science, English, and nursing courses taken at another college or university must have been passed with a grade of C or better in order to be transferred into the nursing curriculum. Generally, only courses equivalent to pharmacology and pathophysiology can be transferred into the School of Nursing degree program.

### Transfer Policy for Students Transferring from Other Schools of Nursing

Applicants transferring from other schools of nursing will submit complete course syllabi and appropriate supporting documents to the

School of Nursing Office of Student Services. These documents must be submitted at least six weeks prior to the application deadline. Syllabi and supporting documents will be reviewed by selected faculty and Office of Student Services staff for the purpose of evaluating course equivalency to University of Louisville courses. Course equivalency must be confirmed prior to admissions. When courses are approved, they become the course of record for that academic year. Nursing courses that have been approved for equivalency will remain equivalent for varying periods of time depending on the course. Nursing courses must be satisfactorily completed at an NLN or CCNE accredited nursing program in order to be considered as equivalent and transfer into the upper division curriculum.

A student who has previously failed two nursing courses at any school of nursing will not be eligible for admission to the Traditional BSN program.

If a student has a previous nursing course failure, it will be considered the first failure by the University of Louisville Traditional BSN program. One additional failure of a nursing course at the University of Louisville will result in dismissal from the program.

### International Student Applicants

Please refer to the university guidelines printed in this catalog regarding International Student Applicants.

## Admission to the School of Public Health and Information Sciences



### School of Public Health and Information Sciences

Public Health Undergraduate Affairs  
Strickler Hall, Room 126A  
Louisville, KY 40292

Phone: (502) 852-5559

Email: [publichealth@louisville.edu](mailto:publichealth@louisville.edu)

Web: [louisville.edu/sphis/](https://louisville.edu/sphis/) (<https://louisville.edu/sphis/>)

Social: Facebook (<http://www.facebook.com/SPHIS/>), Twitter (<http://twitter.com/ulsphis/>), LinkedIn ([http://www.linkedin.com/groups/?gid=4451132&trk=hb\\_side\\_g](http://www.linkedin.com/groups/?gid=4451132&trk=hb_side_g))

## Admissions Requirements

Students are admitted to the School of Public Health and Information Sciences on either a degree seeking or non-degree seeking basis. High school visitors, visiting students from other institutions, auditors, post baccalaureate students, and continuing studies students are considered non-degree seeking. All other students are considered degree seeking. Applicants will be notified by the University's Office of Admissions of their status and of the conditions of their enrollment at the time they are accepted. Students planning to earn degrees from the School of Public Health and Information Sciences must be degree-seeking in order for the

credits they have earned to apply toward their degrees. Students remain in a degree-seeking status until they graduate, transfer to another college or university, or are suspended/dismissed.

## Freshman Students

Admission is granted to students meeting the following requirements:

### Good Standing

1. Must meet minimum university admissions requirements
2. One of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
3. High school GPA of 2.5 or higher
4. ACT/SAT score of 20/1030 or higher (optional)

### Conditional Admission

Students who meet University minimum academic standards may be conditionally admitted (see Undergraduate Catalog, Admission to the University of Louisville (p. 16)).

## Transfer Students with Fewer Than 24 Credit Hours

### Good Standing

1. Must meet minimum university admissions requirements
2. One of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
3. High school GPA of 2.5 or higher
4. ACT/SAT score of 20/1030 or higher (optional)

### Conditional Admission

- Must meet minimum university admissions requirements

## Transfer Students with 24 Credit Hours or More

### Good Standing

- Must meet minimum university admissions requirements

### Conditional Admission

- Petition approved by Public Health Appeals Committee.

## Admission to the J.B. Speed School of Engineering



### J.B. Speed School of Engineering

J.B. Speed Building, Suite 221  
University of Louisville  
Louisville, Kentucky 40292

Phone: (502) 852-6281

Email: [speed@louisville.edu](mailto:speed@louisville.edu)

Web: [engineering.louisville.edu](https://engineering.louisville.edu) (<https://engineering.louisville.edu>)

Social: Facebook (<http://www.facebook.com/pages/JB-Speed-School-of-Engineering/196728607016722/>), Flickr ([http://www.flickr.com/photos/UofL\\_SpeedSchool/](http://www.flickr.com/photos/UofL_SpeedSchool/)), Twitter (<https://twitter.com/UofLSpeedEng/>), YouTube (<https://www.youtube.com/user/univoflouisville/>)

## Admission Requirements

Students apply for admission to the J.B. Speed School of Engineering by completing a University of Louisville undergraduate application. The application and detailed directions are located online (<http://louisville.edu/admissions/apply/>).

Students are admitted to the School of Engineering on either a degree seeking or non-degree seeking basis. High school visitors, visiting students from other institutions, auditors, post baccalaureate students, and continuing studies students are considered non-degree seeking. All other students are considered degree seeking. Applicants will be notified by the University's Office of Admissions of their status and of the conditions of their enrollment at the time they are accepted. Students planning to earn degrees from the School of Engineering must be degree-seeking in order for the credits they have earned to apply toward their degrees. Students remain in a degree-seeking status until they graduate, transfer to another college or university, or are suspended/dismissed.

### Freshmen Students

Admission requirements vary between the different schools in the university. A student is eligible for admission to the academic programs of the School of Engineering upon the basis of courses taken in high school, grade-point average, and, when possible, test scores achieved on either the ACT or SAT. Considered for admission to the J.B. Speed School of Engineering for entering freshman students will be based on the following requirements.

- **High School Curriculum Requirements:** All schools require graduation from an accredited high school and completion of the Kentucky Pre-College Curriculum requirements. In addition, Speed School requires successful completion of the following courses in high school:

- Calculus or pre-calculus
- Chemistry

### Students with ACT / SAT Scores

- ACT composite and math scores of 25 OR SAT combined CR+M score of 1200 and math score of 590. A 3.0 GPA on a 4.0 scale OR
- ACT composite and math scores of 24 OR SAT combined CR+M score of 1160 and math score of 570. A 3.5 GPA on a 4.0 scale

### Students without ACT / SAT Scores

- HS GPA of 3.0 (or better) on a 4.0 scale
- Comprehensive transcript evaluation
- Review of Student Resume

## Transferring to Engineering BS degree programs

Students with less than 12 transferable semester hours are considered in a similar fashion as freshmen students and must meet the admissions requirements for new freshmen and have a minimum college grade point average of 2.8.

Students with 12-23 transferable semester hours will have a minimum college grade point average of 2.8 (including UofL GPA), Reading ACT of at least 20, or Accuplacer Reading of at least 244, or successful completion of ENGL 101 or equivalent and at least B-minus grades in each of the following courses: MATH 111 (or equivalent) OR MATH 190 (or equivalent) and Intro to Chemistry (CHEM 101 or equivalent).

Students with 24 hours or more transferable semester hours will have a minimum college grade point average of 2.8 and at least B-minus grades in each of the following courses: MATH 111 (or equivalent) OR MATH 190 (or equivalent) and Intro to Chemistry (CHEM 101 or equivalent).

It is recommended students successfully complete Physics I (PHYS 298 or equivalent) before transferring to Speed School.

## Transferring to the Computer Science BA degree program

Students with less than 12 transferable semester hours are considered in a similar fashion as freshmen students and must meet the admissions requirements for new freshmen and have a minimum college grade point average of 2.8.

Students with 12-23 transferable semester hours will have a minimum college grade point average of 2.8 (including UofL GPA), Reading ACT of at least 20 or successful completion of ENGL 101 or equivalent and at least B-minus grade in College Algebra (MATH 111 or equivalent).

Students with 24 or more transferable semester hours will have a minimum college grade point average of 2.8 and at least B-minus grade in College Algebra (MATH 111 or equivalent).

### All applicants meeting admissions criteria will be reviewed by Speed School Admissions for decision.

Transfer students must be admitted to the J.B. Speed School of Engineering by October 1 to enroll in the following Spring semester or May 15 to enroll in the following Fall semester.

In addition to the minimum grade requirements for College Algebra or Pre-Calculus and General Chemistry I, the Speed School of Engineering requires a minimum D-minus grade for any transferred course to be

accepted as credit toward a degree. A transfer student must earn at least sixty semester hours applicable toward the baccalaureate degree at a fully accredited four-year college or university. Thirty of the last thirty-six semester hours must be earned at the University of Louisville and at least 25 percent of the degree program hours must be earned at University of Louisville.

### Admission Status

Successful applicants who satisfy all Speed School requirements will be granted unconditional admission with a Good Standing status. If there is a deficiency in academic qualifications, successful applicants will be admitted to the College of Arts and Sciences in a pre-engineering curriculum.

### Good Standing

Freshmen students (and transfer students with less than 24 hours) who satisfy all requirements will be granted unconditional admission into their selected Department with a Good Standing status.

Applicants who do not meet high school curriculum requirements for Speed School or are below grade point average or test score requirements, but still satisfy university admission requirements, will be admitted to Arts and Sciences in a pre-engineering curriculum. The pre-engineering curriculum prepares students for the mathematics and sciences courses in the Speed School curriculum. Students who complete the pre-engineering curriculum with at least B-minus grades in each of the following courses: MATH 111 (or equivalent) or MATH 190 (or equivalent) and Intro to Chemistry (CHEM 101 or equivalent) and have a cumulative grade point average above 2.8 will be considered for an intra-university transfer to Speed School.

### Readmission

If a student has a break in enrollment of two or more calendar years, the student must apply for readmission by completing a University of Louisville undergraduate application. If admitted, the student will be subject to catalog requirements in effect at the time of readmission.

### Non-degree Students

High school visitors, visiting students from other institutions, auditors, post baccalaureate students, and continuing studies students wishing to take courses offered by the School of Engineering must complete a University of Louisville undergraduate application. Upon admission, students should contact the engineering advising office for further instructions. Students must show documentation of meeting prerequisites and have permission of the relevant department chair, which will be facilitated by the advising office. All grades earned by non-degree students will be recorded on an official University transcript.

## Campus Maps



## Campus Maps

Go to Campus Maps (<http://louisville.edu/about/campuses.html>) to view a current maps of all three (3) of the University of Louisville's campuses.

Go to University Parking and Transportation Services (<http://louisville.edu/parking/campus-maps/>) for information on UofL employee and student parking, as well as visitor parking.

Take a virtual tour ([https://louisville.university-tour.com/?pk\\_campaign=adm\\_visit\\_sidebar\\_dd](https://louisville.university-tour.com/?pk_campaign=adm_visit_sidebar_dd)) of the main, Belknap campus.

## Smoke-Free Campuses

All UofL campuses become smoke- and tobacco-free in 2010. Tobacco products include the use of cigarettes, e-cigarettes, cigars, pipes, smokeless tobacco, vaporizers, hookahs, and similar type products.

All campus community and visitors are expected to adhere to the policy (<https://louisville.edu/healthpromotion/elements-of-wellbeing/alcohol-substances/the-smoke-free-initiative/>).

Thank you for helping to make our campus experience healthy and enjoyable for all.

## Academic Support University Libraries

The extensive library system at the University of Louisville is designed to support undergraduate and graduate research; broad, university scholarship; and student and faculty success.

To these ends, the University Libraries provide services ranging from materials check-outs, research assistance, inter-library loans and course reserves to loans of laptops, camcorders and flash drives. The libraries also provide study spaces, meeting rooms and presentation spaces. They house UofL resources like the Writing Center, the Delphi Center, and the Teaching Innovation Learning Laboratory (TILL). Ultimately, University Libraries serve as academic common spaces for all students, faculty, and staff.

The University Libraries consist of:

- Ekstrom (Main) Library,
- Archives and Special Collections,
- The Margaret Bridwell Art Library,
- The Louis Brandeis Law Library,

- The Dwight Anderson Memorial Music Library, and
- The Kornhauser Health Sciences Library.

The Libraries' collections are extensive. Total holdings exceed 2.2 million printed volumes; subscriptions to both print and electronic journals surpass 90,000. E-books, microfilm, and other formats such as DVDs are also included in the collection. Most of these materials can be found using the library's website (<https://louisville.edu/library/>).

In addition, the Libraries subscribe to over 300 online information databases in a wide variety of subject areas.

Inter-library loan services provide study and research materials not owned by the University of Louisville Libraries from collections of other libraries.

More information about library materials, facilities and services can be found at the University Libraries website (<https://library.louisville.edu/home/>).

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### Information Technology Services

Information Technology Services (ITS) offers numerous technology and computing solutions in support of University of Louisville's teaching, research and service missions. Serving students, faculty and staff, ITS maintains campus wired and wireless networks and delivers enterprise administrative and academic applications. More information concerning IT Services can be found at [louisville.edu/its](http://louisville.edu/its) (<http://louisville.edu/its/>).

UofL's ULink services is the university's most popular website: [ulink.louisville.edu](https://ulink.louisville.edu/) (<https://ulink.louisville.edu/>). ULink is a secure portal to all necessary campus information and services, including the administrative student environments where you can check your class schedule, tuition balance, grades and much more. Any changes to your personal information, technology accounts and email addresses can be done through ULink. Tutorial videos (<https://louisville.edu/its/ulink/ulink-upgrade/>) are available for assistance.

Everyone in the UofL community has an Microsoft Outlook university email as part of an entire Windows Office365 system. Enrolled students have options for online and downloadable O365 (on up to 5 devices – phone, tablet, laptop or desktop) including applications such as Outlook, Word, PowerPoint, Excel, Teams and more plus 50GB of OneDrive storage. See [outlook.office365.com](https://outlook.office365.com/) (<https://outlook.office365.com/>) or [louisville.edu/email](mailto:louisville.edu/email) (<http://louisville.edu/email/>) for email information and [login.microsoftonline.com](https://login.microsoftonline.com/) (<https://login.microsoftonline.com/>) for more about O365 accounts.

The ITS HelpDesk assists the UofL community daily with regard to technology questions and issues. Need help changing your password, for example? The ITS HelpDesk can be reached at [helpdesk.louisville.edu](https://louisville.edu/its/get-help/its-helpdesk/) (<https://louisville.edu/its/get-help/its-helpdesk/>) for online assistance (chat, incident tickets, self-help) or call (502) 852-7997 to talk to someone. Additionally, ITS provides free, 1:1 walk-in technology help for students, faculty and staff. The iTech Connect team, located in the lower level of the Miller IT Center on Belknap campus and Bldg A (rm 104) on the HSC campus, can troubleshoot various technology problems like wireless connections, antivirus protection and digital device management. See [helpdesk.louisville.edu](https://louisville.edu/its/get-help/its-helpdesk/) (<https://louisville.edu/its/get-help/its-helpdesk/>) for hours and details.

ITS maintains the university's extensive networking, including a 200 gigabit campus backbone network and a high-speed intercampus

fiber network. Wireless service is universally available for University of Louisville students, faculty and staff and guests across all campuses. Use our on-boarding application ([uofl.edu/setupwireless](https://uofl.edu/setupwireless/) (<https://uofl.edu/setupwireless/>)) to access best options for secure WiFi.

ITS offers secure, unlimited data storage free for faculty, staff and students via CardBox. A CardBox account lets you synchronize and backup all of your personal files plus collaborate, securely share and edit easily with other UofL users. See [louisville.edu/its/cardbox](https://louisville.edu/its/cardbox/) (<https://louisville.edu/its/cardbox/>) for information on how to sign-up for an account.

Another great resource ITS makes available for everyone at UofL is free access to the Adobe Creative Cloud suite of products. With this collection of 20+ desktop and mobile apps for photography, video, audio and web design, you can discover new ways to create and collaborate. The Adobe Creative Cloud (<https://www.adobe.com/creativecloud.html>) includes access to industry-leading software applications including Photoshop (<https://www.adobe.com/products/photoshop.html>), Illustrator (<https://www.adobe.com/products/illustrator.html>), InDesign (<https://www.adobe.com/products/indesign.html>), Acrobat Pro DC (<https://acrobat.adobe.com/us/en/acrobat/acrobat-pro-cc.html>), and Premiere Rush (<https://www.adobe.com/products/premiere-rush.html>) among others. Installation instructions, tutorials and support can be found on ITS Adobe Creative Cloud Support (<https://louisville.edu/its/adobe-support/>).

Also free to UofL students, faculty and researchers, MATLAB is transformative software for mathematicians, scientists and engineers. Users will find new ways to express computational mathematics, experiment with how to deploy algorithms, visualize complex data sets, and so much more. Check out the information on our portal [UofL.edu/matlab](https://www.mathworks.com/academia/tah-portal/university-of-louisville-31448597.html) (<https://www.mathworks.com/academia/tah-portal/university-of-louisville-31448597.html>).

For discounted and free software, sign-in to [louisville.onthehub.com](http://louisville.onthehub.com) (<http://louisville.onthehub.com/>) with your UofL userID and password. For purchasing competitively priced computers and other tech items, ITS recommends the online University Bookstore.

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## REACH (Resources for Academic Achievement)

Resources for Academic Achievement (REACH) is the university's centralized academic support unit for undergraduate students. REACH conducts multiple services and programs from the Belknap Academic Classroom Building (BACB), Ekstrom Library, and the Academic & Leadership Center (JB Speed 107).

These academic support services and retention programs offer students the opportunity to better prepare and adapt to college life and to improve their academic skills and performance in college courses. REACH's mission statement, values statement, goals, and annual reports are available on the REACH website (<https://reach.louisville.edu/>).

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### ARTS & SCIENCES, HUMANITIES, & MUSIC SUPPORT

#### The Learning Resource Center (BACB 248 and 250)

**Scheduled Tutoring** offers students small group tutoring sessions each week for many 100-, 200-, and some 300-level courses. These sessions provide guided study and review of course material. Tutoring sessions are scheduled for 60-minute recurring, weekly sessions. Online tutoring

sessions are also available, and scheduled drop-in hours are available for select science lab courses, select languages, and other courses. Find more information on scheduling on the REACH website (<https://reach.louisville.edu/tutoring/tutor-scheduled.html>)

**Peer Assisted Learning (PAL)** provides weekly class and exam review sessions for specific courses that are historically difficult for students. PAL facilitators work closely with the faculty of these courses to integrate *how to learn with what to learn*. PAL is voluntary and free, with sessions designed to assist small and large groups of students. Find more information about Peer Assisted Learning (<http://reach.louisville.edu/tutoring/tutor-PAL.html>) on the REACH website

**Individual Tutoring** is available for students who have documented physical or learning disabilities and need accommodated tutoring sessions. Documentation must be provided to REACH from the Disability Resource Center at the time of a student's request. Students receive individualized tutoring and additional tutoring time in scheduled onsite or online appointments each week. Find more information on tutoring on the REACH website (<http://reach.louisville.edu/tutoring/>)

**Language Conversation Tables** offer students conversation opportunities for practice in speaking a new language. Tables vary each semester, but may include Spanish, French, Arabic, ASL, German, and others. These sessions offer additional practice to prepare for the classroom and real-world scenarios. Available tables and meeting schedules are available on the REACH website (<https://reach.louisville.edu/tutoring/tutor-conversations.html>).

**Academic Coaching** helps students who want to improve their academic and self-management skills, such as time management, organization, test taking, study skills, and life skills. Students develop a personalized goals and work with our coaches to develop self-advocacy and become independent, life-long learners. Learn more on our website (<https://reach.louisville.edu/programs/academic-coaching/>).

**Special Topics in Supplemented College Reading (GEN 105 ) (BACB 248)** helps first-time, first-year, and transfer students with less than 24 credit hours who are admitted to the university with identified college reading deficiencies. Under Kentucky state law, identified students are required to register for a section of GEN 105 (2 credit hours) in their first college semester. Find more information on GEN 105 on the REACH website (<http://reach.louisville.edu/courses/gen105.html>).

**The Hackademic Series**, available to all UofL students, are 50-minute workshops that help students develop effective academic strategies and skills (e.g., mindset, developing grit, time management, studying smarter, note-taking, textbook reading, test-taking, preparing for finals, and becoming a disciplined student). The Hackademic Series is offered both online and on-site (<https://reach.louisville.edu/workshops/hackademics/>). All first-year students can find these interactive, online modules in their Blackboard Organizations (named the Online Hackademic Series by REACH).

**SmartCards** provides invaluable, online financial success resources through fun, interactive, and dynamic content. You'll receive a personalized plan with recommendations on content to help you with financial decision making. Explore the wide array of content on our website (<https://reach.louisville.edu/workshops/smartcards/>).

**Graduate Exam Preparation Workshops** are offered for free through our partnership with The Princeton Review. Workshops and free, full-length practice tests are available for the GRE, GMAT, LSAT, MCAT, DAT, and OAT. Interested students may also receive tutoring for CLEP

(<https://louisville.edu/testing/clep/>), a national testing program designed to help students earn college credit for selected general education courses. Workshop registration is required (<https://reach.louisville.edu/workshops/graduateexams/>).

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## MATHEMATICS SUPPORT

**The Math Resource Center (MRC, BACB 241)** offers drop-in and online tutoring to students enrolled in most 100- and 200-level university mathematics courses, including Special Topics in College Mathematics courses (GEN 103 and GEN 104). Resources include knowledgeable tutors, a mini-computer lab for mathematics software, and web-based instruction. Find more information on mathematics tutoring on the REACH website (<https://reach.louisville.edu/tutoring/tutor-drop-in.html>).

**Special Topics in College Mathematics** (GEN 103 and GEN 104) are three credit hour intervention courses in mathematics that are offered through REACH Math Resources. These courses are designed for students who are not eligible to take the mathematics or quantitative reasoning course required for their intended major/program (due to ACT or SAT math sub-scores or math placement test scores). GEN 103 (for non-STEM majors) or GEN 104 (for STEM majors) are computer-based courses that focus on pre-algebra and algebra topics—such as linear equations and factoring—and utilize an online homework, tutorial, and assessment program. Successful completion of GEN 103 and/or GEN 104 is required for students to progress to the mathematics and/or quantitative reasoning courses required for their program. More information on intervention coursework is available on the REACH website. (<http://www.reach.louisville.edu/courses/>)

The Math Xcelerator Program (<https://louisville.edu/reach/summermath/math-xcelerator-overview/>) offers students who place into GEN 103 or GEN 104 a free, four-week intensive review during the summer. Students qualify if their ACT math sub-score is between 0-18, SAT math sub-score is between 0-490, or their Accuplacer score is between 200-262. Successful completion of the program reduces the amount of intervention coursework for the fall semester.

**The Speed Calculus Preview Program** is a fee-based summer program designed for first-year engineering students. Although students may be referred to this program based on their standardized test scores, it is highly recommended to all admitted engineering students prior to their first fall semester. This program provides an advanced algebra review to help students prepare for calculus in the J.B. Speed School of Engineering.

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## COLLEGE OF BUSINESS & ENGINEERING SUPPORT Computer Resource Centers (First floor Learning Commons-Ekstrom Library and the Academic & Leadership Center, J.B. Speed 107)

The Computer Resources Centers offers scheduled and drop-in tutoring and test reviews for select College of Business courses (Ekstrom Library location) as well as targeted Speed School of Engineering courses (Academic & Leadership Center). Additionally, we help students understand the most common technologies used on campus including Microsoft Office Suite products, Blackboard, ULink, email, and basic computer operations. No appointments needed for drop-in support! More information is available on the REACH website. (<https://reach.louisville.edu/tutoring/crc/>)

## Student Resources



### Americans with Disabilities Act

The University of Louisville (UofL) is committed to providing equal opportunity for persons with disabilities. This commitment includes complying with the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973. UofL strives to maintain a barrier-free, welcoming environment for all qualified persons with disabilities.

The university's ADA Coordinator oversees the University's compliance with the ADA and Section 504, and assists unit heads in meeting their equal opportunity obligations. The ADA coordinator is located in the Dean of Students suite in the SAC:

**ADA Coordinator**  
SAC-W301  
(502) 852-5787  
titleix@louisville.edu

The Disability Resource Center staff (502-852-6938) will assist the University community by serving as an information resource center and coordinating support services for students with disabilities. No otherwise qualified individual with a disability shall, solely by reason of such disability, be excluded from participation in, be denied benefits of, or be subjected to discrimination in university programs. The President, Board of Trustees, Student Government, Faculty and Staff Senates affirm UofL's long standing and continuing commitment to Equal Opportunity for persons with disabilities.

### Formal Student ADA Complaint Procedure

The university has a continuing responsibility to monitor and maintain its compliance with the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973 (Section 504) and their implementing regulations. Internal student complaints alleging non-compliance with the ADA and/or Section 504 should follow the university's complaint procedure (<https://louisville.edu/disability/students/formal-complaint-procedure/>).

The university's formal complaint procedure provides for prompt and equitable resolution of complaints.

Complaints should be directed to the UofL ADA Coordinator at (502) 852-8757 or [titleix@louisville.edu](mailto:titleix@louisville.edu).

### Filing a Formal Complaint of Disability Discrimination

A complaint must be filed in writing with the Coordinator. The complaint should contain the name and address of the person filing it and a brief description of the alleged violation. Upon receipt of the written complaint,

the Coordinator or his designee shall acknowledge receipt within five workdays.

A complaint should be filed within 180 days after the complainant becomes aware of the alleged violation; however, a complaint filed after that point may be investigated in accordance with this procedure as necessary, in the judgment of the ADA Coordinator, to ensure the university's compliance with the ADA and/or Section 504.

An investigation, as may be appropriate, shall follow a filing of complaint. The Coordinator's office shall conduct the investigation. This University complaint procedure involves an informal but thorough investigation, affording all interested persons and their representatives, if any, an opportunity to submit information relevant to a complaint.

Following completion of the investigation, a written determination as to the validity of the complaint and a description of the resolution, if any, shall be issued by the Coordinator's office and a copy forwarded to the complainant and any individually-named respondent within 60 days of the date the complaint was filed. Should extenuating circumstances (e.g., unavailability of key witnesses, family emergency of investigative staff, etc.) prevent completion of the investigation and determination process within 60 days, the complainant and any individually-named respondents will be timely notified in writing, and will be kept apprised of the status of the Coordinator's handling of the complaint through resolution. In all disputes arising under Section 504 or the ADA the proper standard of proof is preponderance of the information (i.e., more likely than not that the violation alleged in the complaint is true).

The Coordinator's Office shall maintain the files and records relating to the complaints filed.

### Requesting Reconsideration of a Determination

The complainant (and any individually named respondent, as appropriate) may request a reconsideration if dissatisfied with the Coordinator's determination. The request for reconsideration should be made in written or electronic form within 15 workdays to the Coordinator's Office.

Requests for reconsideration must present information showing that:

- The original determination applied the incorrect standard or applied the applicable standard incorrectly to the facts of the case; or
- New information that might affect the outcome of the determination but was not available to the Coordinator at the time of the original determination is now available and should be considered.

The Coordinator shall, barring extenuating circumstances that preclude a more timely response (in which case the complainant shall be updated as to the status of the reconsideration request), rule upon the request for reconsideration within 15 workdays after receipt of the request.

An Internal ADA complaint does not preclude other remedies.

The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as the filing of a discrimination complaint with the responsible federal department or agency. Use of this complaint procedure is not a prerequisite to the pursuit of other remedies, nor does one's pursuit of outside remedies preclude one's filing a complaint pursuant to this procedure.

These rules shall be construed to protect interested persons, to meet appropriate due process standards, and to assure that the university complies with the ADA, Section 504, and their implementing regulations.

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## Athletic Academic Services (AAS)

Athletic Academic Services (AAS) provides academic support for all students engaged in the university's intercollegiate athletic programs, monitoring their academic performance as well as their progress toward graduation. AAS collaborates with the Committee on Academic Performance (CAP) and the Faculty Athletic Representative (FAR), Professor Krista Wallace-Boaz ([krista.wallace-boaz@louisville.edu](mailto:krista.wallace-boaz@louisville.edu)), as well as academic unit advisors, in order to foster a close relationship with the faculty and academic units. Services include academic counseling, tutoring, objective based study halls, career services, computer services, accommodative services for student-athletes with learning disabilities, and referrals to a variety of university resources. The office also provides advising for several Registered Student Organizations which encourage student-athletes to participate in campus and community leadership opportunities and initiatives.

AAS can be accessed at [gocards.com](http://gocards.com) (<http://gocards.com>).

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## Campus Health Services

### Student Medical and Psychiatric Services

The Campus Health Service provides medical and psychiatric services to undergraduate, graduate and professional students. Services include primary care, psychiatric, travel medicine and nutritional consults as well as allergy injections, immunizations, sports physicals and diagnostic testing.

Although all students are encouraged to call for appointments, walk-in and same day appointments are generally available at both locations. Charges for medical services are applied to the student's insurance and/or health fees. Students are responsible for any balance not covered by insurance or fees. Psychiatric services are covered through student fees.

There are two Campus Health Center locations that serve health needs of our students. The centers are located at:

#### Belknap Campus

Cardinal Station  
215 Central Ave. Suite 110  
(502) 852-6479

#### Health Sciences Center

Health Care Outpatient Center (HCOC)  
410 E. Chestnut St. Suite 110  
(502) 852-6446

### Health Insurance and Health Fees

All students enrolled for at least six hours are charged the Primary Care Health Fee (PCHF) which can be waived within thirty days of the first day of class with proof of health insurance. The fee entitles students to basic services at the health centers such as examinations and allergy injections. This fee is not health insurance and does not provide for specialty care, hospitalization, x-ray or laboratory services. The PCHF fee can be waived with proof of health insurance or used as a supplement to the student's insurance.

All students enrolled in a program of study that requires them to train in the University's affiliated teaching hospitals such as the MD, DMD, Dental Hygiene, Audiology, and Speech Pathology programs are required to carry major medical insurance and pay a non-waivable Health Professionals Health Fee (HPHF). Students in these programs are charged for the university-sponsored insurance plan but may waive it with proof of alternate coverage.

For additional information about Campus Health Fees, contact the Insurance Advocate via email at [stuins@louisville.edu](mailto:stuins@louisville.edu) or visit the Campus Health website (<http://louisville.edu/campushealth/information/fees/primary-care-health-fee/>).

#### Campus Insurance Advocate

Cardinal Station  
215 Central Ave. Suite 110  
(502) 852-6519

### Office of Health Promotion and Education

Health Promotion, a division of Campus Health Services, provides a variety of wellbeing programs, services, and resources including yoga, chair massage, stress resilience workshops, drop-in guided meditations, flash nap workshops, free & anonymous HIV testing, sexual health and consent workshops, safer sex supplies, healthy eating on campus, cooking workshops, and U-fit coaching.

#### Office of Health Promotion and Education

##### Campus Health Services

Student Activities Center  
2100 South Floyd Street, room W309  
(502) 852-5429

Additional information can be found on the Campus Health Services Office of Health Promotion website (<http://www.louisville.edu/healthpromotion/>).

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## PEACC—Sexual Assault and Domestic Violence Center

### Peace, Education, and Advocacy on Campus and in the Community

The PEACC Center believes that every student has the right to live, learn, and love free of violence and fear. PEACC provides services and programs that address power based personal violence such as dating violence, stalking and sexual assault. Students who have been directly impacted by personal violence can access free and confidential support, resources and referrals, and a survivor's network. Services are confidential to the limits provided by law.

In addition, the PEACC Center aims to prevent power-based personal violence by offering training, community discussions, art and activism projects, and awareness events like the Take Back the Night annual march and rally.

#### The PEACC Center

Campus Health Services  
2100 South Floyd Street  
Student Activities Center, Room 309 H

For more information about the PEACC Center's programs and events please call (502) 852-2663 or visit [louisville.edu/peacc](http://louisville.edu/peacc) (<http://www.louisville.edu/peacc/>).

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## Campus Housing

Be at the center of the Cardinal experience as a resident of UofL Housing.

More than a place to rest your head, UofL's housing program offers a community-like atmosphere that supports students as they successfully transition from high school to college. It's a place where everyone can belong and make life-long connections to their peers. Campus Housing promotes a safe, convenient, inclusive and healthy living-learning environment, providing opportunities that engage students, facilitate student and faculty connections and encourage student success.

Total facilities include eleven residence halls on Belknap Campus and four affiliated apartment properties bordering Belknap (please see First-Year Live-on Policy (<http://louisville.edu/housing/info/policies/firstyear/>) and Second-Year Residential Requirement (<https://louisville.edu/housing/info/policies/Second-Year-Residential-Requirement/>)).

The facilities are home to more than 6,000 students from Louisville, across the country and around the globe. Staffed by a team of professionals with expertise in student learning and development, we strive to make sure learning doesn't stop in the classroom. We emphasize healthy lifestyles and provide programs that facilitate student engagement and personal growth.

Housing is one of the largest campus employers of students on campus, with more than 200 part-time student employees assisting in facilities, services and programs that support our campus communities and help them thrive. The dynamic combination of professional staff, student leaders, and residents helps make UofL a vibrant campus with something to offer every individual.

For information, please contact the Campus Housing office:

Website: [louisville.edu/housing](https://louisville.edu/housing/) (<https://louisville.edu/housing/>)  
Phone: (502) 852-6636  
Email: [housing@louisville.edu](mailto:housing@louisville.edu)

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## University Career Center

The University Career Center engages the campus community in comprehensive career and professional development connecting passion to purpose through innovative and inclusive career services.

To utilize UCC services fully, students and alumni must register through Cards Career Connection (<https://louisville.joinhandshake.com/login/>) powered by Handshake. Among these services are:

- **Student Employment** – on and off campus positions available in Handshake;
- **Individual Career Coaching** – appointments with a career coach available through Handshake;
- **Career Assessments** – career coaches utilize Focus 2, Myers-Briggs Type Indicator, and the Strong Interest Inventory to assist students with career exploration;
- **Mock Interviews** – InterviewStream mock interview software available to students on our website;
- **Document Drop** – a resume and cover letter critique program;
- **Drop-in Advising** – open hours for brief advising without an appointment;
- **Internships & Professional Positions** – available in Handshake;
- **Career Workshops** – on career-related issues are available to classes and organizations;
- **Career Fairs** – where employers and students can network in a variety of fields;
- **Career Treks** – where students visit area employers;
- **Career Videos and Resources** – a variety of resources covering many topics from career exploration to resumes and interviewing are available on our website.

The University Career Center collaborates with the career centers in the College of Business, Speed School of Engineering, and the Brandeis School of Law.

Please visit the University Career Center's (<http://louisville.edu/career/>) website for more information.

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## Counseling Center

The mission of the Counseling Center is to provide services and programs that support the psychological well-being, holistic development, and retention of University of Louisville students. The Counseling Center provides short-term individual, group/workshop, and couples counseling, outreach, urgent consultation, and psychological testing for currently enrolled students (psychiatric/medication services are provided by Campus Health).

Our clients seek services for a variety of areas of concern, including psychological, personal/social, academic, and career issues.

There is a fee for psychological testing, but all other services are covered by your student fee. Services are confidential to the limits provided by law.

We are committed to diversity in the provision of services and in supporting the University community, while honoring the unique needs and concerns of individuals and traditionally underrepresented groups.

### UofL Counseling Center

Student Activity Center (SAC), Suite W204 (Second floor)  
[louisville.edu/counseling](http://louisville.edu/counseling/) (<http://louisville.edu/counseling/>)  
(502) 852-6585

The Counseling Center is accredited by the International Association of Counseling Services (<http://www.iacsinc.org/faqs.html>) (IACS).

The Center is open Monday–Friday from 8:00 am–5:00 pm, and we provide urgent consultations on a walk-in basis from 8:30 am–4:30 pm. We honor all University Holidays, closings, and delayed starts, and are closed on Oaks Day. There is free parking, and we are along the 94 Shuttle route.

For more information, including descriptions of our current groups and workshops, please call us or visit our website (<http://louisville.edu/counseling/>).

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## Disability Resource Center

In recognition of disability as an important part of the diversity of our community, the Disability Resource Center fosters an inclusive campus climate through education, service, collaboration, and outreach to the University of Louisville community. We provide support for students with documented disabilities by promoting equal access to all programs and services. Accommodations and support services are individualized, depending on the needs of each student.

The Disability Resource Center also offers an academic coaching program for students with disabilities. Peer coaches work with participating students one-on-one each week to provide support in meeting the demands of college coursework and staying organized.

Students are strongly encouraged to make early contact with the Disability Resource Center to assure adequate time to implement support services. Please visit [louisville.edu/disability](http://louisville.edu/disability) (<http://louisville.edu/disability/>) for more information, and feel free to contact us with questions at [askdrc@louisville.edu](mailto:askdrc@louisville.edu) or 502-852-6938.

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## Drug-Free Schools and Campuses

### Drug-Free Schools and Crime Awareness, Campus Security Information Report 1993, and Communities Act Amendments of 1989

#### Purpose and Goal

The University of Louisville is committed to protecting the safety, health and wellbeing of all students, faculty, and staff and other individuals in our workplace. As a recipient of federal grants and contracts, the university gives this notice to students, faculty, and staff that it is in compliance with the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V Subtitle D) and the Drug-Free Schools and Communities Act Amendment of 1989. Students, faculty and staff are herein notified of the standards of conduct that will be applicable while on university property, business, and/or at university-sponsored activities. This policy is incorporated and is a part of the official University of Louisville Policies and Procedures.

This policy recognizes that student, faculty, and staff involvement with alcohol and other drugs can be very disruptive, adversely affect the quality of work or academic performance of student, faculty, and staff, pose serious health risks to users and others, and have a negative impact on productivity and morale.

As a condition of employment or enrollment, the university requires that students, faculty, and staff adhere to a strict policy regarding the use and possession of drugs and alcohol. The university encourages students, faculty, and staff to voluntarily seek help with drug and alcohol problems.

#### Prohibited Behaviors

Under university regulations, federal law, state law, and, in some instances, local ordinance, students, faculty, and staff are prohibited from the unlawful possession, use, dispensation, distribution, or manufacture of illicit drugs on university property, on university business and/or at university-sponsored activities. Under this policy, students, faculty and staff are required to abide by state laws concerning alcoholic beverages.

Kentucky law (<https://apps.legislature.ky.gov/>) (KRS 244.085 (<https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=45137>)) states that, if one is under the age of 21, it is unlawful to:

- Possess or consume alcoholic beverages,
- Misrepresent one's age for the purpose of purchasing alcoholic beverages, or
- Use a fake ID in an attempt to purchase alcoholic beverages.

It is unlawful for anyone of any age to:

- Procure any alcoholic beverages for anyone under 21 years of age,
- Drink or be intoxicated in a public place (Public Intoxication KRS 525.100 (<https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=19929>))

University campuses and buildings are considered as public places for purposes of these laws, except for a facility licensed to serve alcoholic beverages, and a facility used as a private residence, unless university regulations state otherwise. Ordinances of the Greater Louisville area parallel the state laws.

The specifically defined standards of conduct, the disciplinary procedures, and the appropriate sanctions are detailed in the Code of Student Conduct (p. 82), Personnel Policies and Procedures (PER-5.01), Staff Handbook (Disciplinary Action, page 8.2) and *The Redbook*.

In addition, it is a violation of state law to operate a motor vehicle while under the influence of any substance that may impair one's driving ability (drugs or alcoholic beverages).

Prescription and over-the-counter drugs are not prohibited when taken in standard dosage and/or according to a physician's prescription. Any student, faculty, and staff taking prescribed or over-the-counter medications will be responsible for consulting the prescribing physician and/or pharmacist to ascertain whether the medication may interfere with job or academic performance.

The illegal or unauthorized use of prescription drugs is prohibited. It is a violation of our drug-free workplace to intentionally misuse and/or abuse prescription medications. Appropriate disciplinary action will be taken if job or academic performance deterioration and/or other accidents occur.

#### Consequences for Violating This Policy

Under university regulation, students who violate this standard of conduct are subject to student conduct action from a warning to expulsion from the University. Students who reside in university housing are subject to further conduct action that may vary from a warning to termination of their housing contract.

#### Notice of Drug-Related Conviction

In compliance with the Federal Drug-Free Workplace Act of 1988, any employee shall notify the immediate supervisor if the employee is convicted of a criminal drug offense occurring in the workplace or while on university business within five days of the conviction. The university shall take appropriate sanction and remedies in accordance with its policies. The provisions of this section are applicable to students who are employees of the university. If the employee is under a federal contract or grant, the university shall notify the contracting or granting agency of the conviction and of its actions. This section of this policy is also applicable to students who receive a Pell grant (federal grant).

#### Health Risks

The scope and impact of health risks from alcohol and drug use are both alarming and well documented, ranging from mood-altering to life-threatening, with consequences that extend beyond the individual

to family, organizations and society at large. The university, therefore, conducts regular programs to educate its students, faculty, and staff that consumption and use of drugs may alter behavior, distort perception, impair thinking, impede judgment, and lead to physical or psychological dependence.

Alcohol and/or drug use may lead to the deterioration of physical health by causing or contributing to various health conditions including but not limited to fatigue, nausea, personal injury, insomnia, pathological organ damage, some forms of cancer, pancreatitis, heart attack, respiratory depression, birth defects, convulsions, coma, and even death. Alcohol and drug use may also result in deterioration of mental health by causing or contributing to various conditions such as increased aggression, hallucinations, depression, disorientation, and psychosis.

Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol also increases the incidence of a variety of aggressive acts, including spouse and child abuse.

Moderate to high doses of alcohol cause marked impairments in higher mental functions, severely altering a person's ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described. Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life-threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and intellectual disabilities. In addition, research indicates that children of alcoholic parents are at greater risk than other children of becoming alcoholics.

## Training, Counseling, and Resources

The University of Louisville is committed to the overall health and well-being of students, faculty, and staff and encourages a compassionate university.

### Required online sexual assault prevention and alcohol awareness training programs

Consistent with federal law, UofL requires, as a condition of course registration, that all incoming students complete online sexual assault prevention training and, for students who will be under the age of 21 on the "add" deadline in the semester they matriculate at UofL, alcohol awareness training. Emails are sent to each student's UofL email account (beginning about 5 weeks before their first semester begins) to provide specific directions for accessing the training programs.

The sexual assault prevention course and alcohol awareness course are **two separate programs**. There is no fee for either program.

Visit the Title IX (<https://louisville.edu/titleix/>) website for more information.

## Kentucky Medical Amnesty Law

KRS 244.992 (<https://apps.legislature.ky.gov/law/statutes/statute.aspx?id=42516>) Medical amnesty for persons reporting an alcohol overdose:

- (1) A person shall be immune from prosecution for the criminal offenses identified in subsection (2) of this section if:
  - (a) A law enforcement officer has contact with the person because the person:
    1. Requests emergency medical assistance for himself or herself or another person;
    2. Acts in concert with another person who requests emergency medical assistance; or
    3. Appears to be in need of emergency medical assistance and is the individual for whom the request is made

See KRS 244.992 for full text.

## Good Samaritan Consideration

The health and safety of our students is of the highest priority. At times, students may need immediate medical or other professional assistance. However, students may be reluctant to get help because of concerns that their own behavior may be a violation of the Code of Student Conduct (p. 82). Although policy violations cannot be overlooked, the University will consider the positive impact of reporting an incident when determining the appropriate response for policy violations.

Continuous efforts are made to make students, faculty, and staff aware of programs that provide information and professional services on matters related to the abuse of alcohol and drugs.

The Building Resilience In Campus Community (BRICC) Coalition, Counseling Center, Health Promotion Office, The PEACC Center, and the University of Louisville Police Department provide a number of programs and workshops using a tiered approach: a) primary prevention in the form of awareness, skill-building, and risk-reduction for all students and b) targeted presentations for specific high-risk populations.

The University Counseling Center is committed to assisting students with their mental health, personal development, and academic development. Because substance use is often connected to other personal/psychological issues, students coming to the Counseling Center with alcohol and substance use concerns are provided with support, appropriate therapeutic interventions, and referrals when necessary.

- Building Resilience in Campus Community (BRICC) Coalition: (502) 852-3442; [louisville.edu/bricc/](http://louisville.edu/bricc/)
- Campus Health Services: (502) 852-6479; [louisville.edu/campushealth/](http://louisville.edu/campushealth/)
- Counseling Center: (502) 852-6585; [louisville.edu/counseling/](http://louisville.edu/counseling/)
- Health Promotion Office: (502) 852-5429; [louisville.edu/healthpromotion/](http://louisville.edu/healthpromotion/)
- The PEACC Center: (502) 852-2663; [louisville.edu/peacc/](http://louisville.edu/peacc/)
- University of Louisville Police Department: (502) 852-7233; [louisville.edu/police/](http://louisville.edu/police/)

## Find Your Fit (FYF)

Find Your Fit (FYF) is designed to support students in "finding their fit" academically and align their goals with a relevant career path. FYF provides customized support for students that do not have a clear and meaningful major choice and career path. FYF is the university's Quality Enhancement Plan (QEP) as required by its accrediting agency, the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). At the heart of this initiative is the design, implementation, and assessment of a three-credit elective seminar offered through the Department of Counseling and Human Development (ECPY).

This small seminar, offered Spring 2018–Spring 2022, is designed for undergraduate students who are undeclared, are pre-unit majors, or are in transition between majors. Students explore an academic topic or theme of personal interest related to the seminar theme as they engage in a variety of individualized and group activities to assist them in choosing a major and career path. Students will document their journeys and produce an Academic and Personal Plan in which they integrate their new knowledge and insights about the seminar topic, themselves, and their major and career trajectories.

As we help our students "find their fit" academically and align their goals with a career path, UofL's QEP project is poised to have long-term implications for how we support our students inside and outside the classroom.

For more information about FYF and ECPY 302 Seminar on Personal and Academic Inquiry, visit the Find Your Fit website (<https://louisville.edu/findyourfit/>).

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## International Center

The International Center is comprised of two offices, the Office of Study Abroad and International Travel and the International Student and Scholar Services (ISSS) office.

The International Center develops and promotes global efforts that is inclusive of the campus and local community in conjunction with the internationalization goals of the University. The International Center focuses on increasing international students and scholars at UofL; providing programming that serves this vital population; expanding cultural competency through increasing the number of students participating in education abroad programs; facilitating student and faculty international research and travel efforts; and providing quality services in support of these and other global initiatives.

For more information, contact one of the International Center's offices at [isss@louisville.edu](mailto:isss@louisville.edu) ([isss@louisville.edu](mailto:isss@louisville.edu)) or [edabroad@louisville.edu](mailto:edabroad@louisville.edu) (<http://louisville.edu/cgi-bin/uofl.mail?name=edabroad&subject=Contact+from%20Website>). You can also visit the website at [louisville.edu/internationalcenter/](http://louisville.edu/internationalcenter/) (<http://louisville.edu/internationalcenter/>).

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## Off-Campus Student Services

The Office of Student Involvement (<https://louisville.edu/involvement/>) is committed to providing resources and opportunities for our commuting and off-campus cardinals. Whether in the immediate campus area or driving in from another part of Louisville, becoming engaged and connected with the University community through programs and services is a key factor to aid in your success as a cardinal. Opportunities exist

within student organizations, campus events, service projects, leadership development and so much more.

Please visit the Off-Campus and Commuter Student Lounge located on the 2<sup>nd</sup> Floor of the Student Activities Center. The Student Activities Center provides students with a friendly, supportive environment where they can come for information, advocacy, or to study and relax.

For more information, stop by and see us in the Student Activities Center (<https://louisville.edu/sac/>) Room W310, give us a call at (502) 852-6691 or check out EngageUofL (<http://louisville.edu/engage/>).

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## Testing Services

This office serves as a national and university testing agency.

Office Location:

### Testing Services

Davidson Hall, Room 308-310  
Louisville, KY 40292

Email [testing@louisville.edu](mailto:testing@louisville.edu) or call (502) 852-6606 for more information.

Campus testing includes: UofL faculty make-up exams; placement exams (Math/Reading/FLATS); credit by exam (CLEP) and Correspondence exams. The ACT, SAT, and LSAT are also administered through Testing Services.

Testing Services' Prometric center (1102) offers individual computerized exams such as GRE, Praxis, and TOEFL. Registration materials are available online at [louisville.edu/testing](http://louisville.edu/testing) (<http://louisville.edu/student/services/testing/>).

## Title IX and ADA Coordinator's Office

The University strives to provide a safe environment and is committed to keeping the health and well-being of the campus community in the forefront of our thinking. The Title IX Coordinator is in charge of the University's preventive education about, and response to, sexual misconduct including sexual harassment (includes quid pro quo and hostile environment); sexual assault; domestic violence; dating violence; and stalking.

The Title IX Coordinator's contact information is:

**Dr. David Parrott**

**Title IX Coordinator**

Dean of Students Suite, SAC W301  
2100 S. Floyd Street  
Louisville, KY 40208  
(502) 852-5787

Email: [titleix@louisville.edu](mailto:titleix@louisville.edu)

Webpage: <https://louisville.edu/titleix> (<https://louisville.edu/titleix/>) (policies)

## Financial Information



### Financial Settlement

#### Continuing Registration

Tuition and fees are due on, or before, the designated due date for the semester. Payment Due Dates are noted on the Bursar website (<http://louisville.edu/bursar/>). Payment may be made by cash, paper check, money order, or financial aid credit. All electronic check (ACH) or Credit Card payments (transaction fee applies) may only be remitted electronically via the web payment portal. Payments also may be made by mail or at the Office of the Bursar.

For Payment Option information visit: [louisville.edu/bursar](http://louisville.edu/bursar/) (<http://louisville.edu/bursar/>)

Failure to receive a Statement of Account will not relieve the student of the responsibility for making financial settlement by the designated due date. Registrations which are not financially settled by the designated due date will be placed on financial hold and affected students will not be permitted to add or swap classes until their student account is financially settled.

The due dates are listed in the current Registration Information newspaper and on the Bursar's website (<http://louisville.edu/bursar/>) (Payment Due Dates).

#### Regular Registration

Students should be prepared to fully settle financial obligations by the last day to drop/add for the semester. Failure to fully settle financial obligations may result in financial penalties.

#### Financial Settlement Options

Due dates, payment information, payment plan options, and payment plan forms for specific semesters are updated regularly on the Bursar's website (<http://louisville.edu/bursar/>).

Please address your questions to the Bursar's Office by email at [bursar@louisville.edu](mailto:bursar@louisville.edu).

#### Financial Penalties

Students whose accounts are not paid by established semester deadlines may be subject to financial penalties. Students with unpaid account balances will be placed on Financial Hold by the Bursar's Office. Students placed on Financial Hold become ineligible for further registration and transcripts will not be released until the student account is paid in full.

A late payment fee of \$100.00 may be assessed when student accounts are not paid by the last day to drop/add.

A student whose payment is not honored by the bank on which it was drawn may be assessed a return payment fee. If restitution is not made within 10 days of notification, the student may be subject to course cancellation and/or legal action.

Debtors who do not make satisfactory payment arrangements on their past due accounts may have their accounts placed with a collection agency. Students will be responsible to reimburse the University for the fees of any collection agency, which may be based on a percentage of the delinquent account balance (to a maximum of 40 percent of the delinquent account balance), and will also be liable for all reasonable attorneys' fees and costs and expenses incurred by the University in its collection efforts. The University of Louisville, or associated vendor partners, may also report to the credit bureau organization(s) any information regarding any unpaid obligation.

### Withdrawal Policy

The effective withdrawal date is the date on which the withdrawal is processed in the Student Records System. This date is used in calculating any applicable tuition reduction.

More information on withdrawals can be found in the Course Registration Policies (p. 62) section of the undergraduate catalog.

### Tuition Reduction

When a student officially withdraws from the University or from any course, or courses, for which hourly tuition rates apply, tuition and student activity fee charges will be adjusted according to the tuition reduction schedule printed in the Registration Information newspaper. The full amount of tuition/fee charges for the semester will be due unless the withdrawal occurs during the tuition reduction period. The tuition reduction schedule for each semester is available on the Bursar's website (<http://louisville.edu/bursar/>) (Tuition Adjustment Schedule).

This policy applies to all tuition and student activity fees except for nonrefundable deposits. Course fees, special fees, and laboratory fees are reduced only with the 100% adjustment.

### Financial Aid Recipients

Determinations regarding refunds of resulting credit balances will be based on regulations governing the financial aid awarded to the student. Federal regulations mandate that students have the right to cancel all or a portion of an EFT loan.

To request cancellation of all or a portion of your loan, contact the Financial Aid Office in writing:

**Financial Aid Office**  
University of Louisville  
Louisville, KY 40292

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## Office of Student Financial Aid

The Office of Student Financial Aid serves prospective students, current students, and their parents with financial aid questions and needs.

Website: [louisville.edu/financialaid](http://louisville.edu/financialaid) (<http://louisville.edu/financialaid/>)  
Email: [finaid@louisville.edu](mailto:finaid@louisville.edu)  
Call center: (502) 852-5511  
Campus location: 110 Houchens Building, Belknap Campus

## Website

On the Student Financial Aid website (<http://www.louisville.edu/financialaid/>), visitors can access the following:

- Term-specific information on aid disbursement, residual funds, and financial aid advances;
- Financial aid news and upcoming important dates;
- Aid application and processing instructions;
- Award sources and types;
- UofL and outside scholarship postings;
- Consumer information.

## Email Service Account

Send your email questions to [finaid@louisville.edu](mailto:finaid@louisville.edu). For specific account information, current students must email the office from their UofL account. Email responses typically occur within 3 business days.

## Call Center

Contact the call center at (502) 852-5511 from 9:00 a.m. to 4:30 p.m. Monday through Friday. On Thursdays, the call center opens at 10:00 a.m.

This service is intended to assist prospective students, current students, and parents with their general financial aid questions. We ensure students' privacy by not disclosing account-specific information. Current students should have their student ID number ready when calling.

## Office Hours

The Student Financial Aid Office provides walk-in counseling to both current and prospective students Monday, Tuesday, Wednesday, and Friday from 9:00 a.m. to 4:30 p.m.

On Thursdays, the office and call center are open from 10:00 a.m. to 4:30 p.m.

Check the Student Financial Aid Office website (<http://louisville.edu/financialaid/>) for special hours during the August and January class registration periods.

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## In-State or Out-of-State Tuition

### Initial Determination and Deadline to Appeal

The initial determination of residency status is made during the admission process. A status may be appealed by filing an affidavit and documentation with the Registrar's office no later than 30 calendar days after the first day of classes of the term for which a determination of residency status is requested. Academic calendars are available on the university web site and with the Offices of Admission.

Pursuant to the residency regulation, 13 KAR 2:045 ([https://apps.legislature.ky.gov/Law/KAR/013/002/045.pdf#xml=https://apps.legislaturekygov/LRCSiteSessionSearch/dtSearch/dtisapi6dll?cmd=getpdfhits&u=1a702ce5&DocId=5428&Index=E%3a%5cProduction%5cDTSearch%5cDTSearchIndex%5cKY\\_Administrative\\_Reg&HitCount=10&hits=c+d+e+f+10+11+12+13+14+15+&SearchForm=&.pdf](https://apps.legislature.ky.gov/Law/KAR/013/002/045.pdf#xml=https://apps.legislaturekygov/LRCSiteSessionSearch/dtSearch/dtisapi6dll?cmd=getpdfhits&u=1a702ce5&DocId=5428&Index=E%3a%5cProduction%5cDTSearch%5cDTSearchIndex%5cKY_Administrative_Reg&HitCount=10&hits=c+d+e+f+10+11+12+13+14+15+&SearchForm=&.pdf)), an institution may set other deadlines for submission of other information required by the institution in a determination of residency status. Information packets are available from the residency website (<http://www.louisville.edu/residency/>).

*Statutory reference: Sections 13 and 14 of 13 KAR 2:045. Effective February 21, 2007.*

## Applications for Change in Residency Status and Appeals

Application for change in residency classification for purpose of tuition and fee assessment by a student enrolled in or an applicant to a program at the University of Louisville ("University") shall be made in writing to the residency appeals officer for initial consideration along with such information forms as the residency appeals officer may specify. The application for a change in residency classification must be filed no later than thirty (30) calendar days after the first day of classes of the academic term for which the change is requested. Appeals of residency determinations shall be based on administrative regulations promulgated by the Kentucky Council on Postsecondary Education. A written appeal of the decision of the residency appeals officer must be postmarked no later than fourteen calendar days from the date of receipt of notification of the residency appeals officer's written decision.

The Residency Review Committee is appointed by the executive vice president and provost (or designee) and shall be composed of four faculty and/or staff members and one student. The chairperson shall be elected by the committee. The faculty and/or staff members normally shall have staggered two-year appointments; the student member shall have a one-year appointment. The committee shall have authority to establish procedural rules and schedule meetings. A quorum shall consist of three members, and a quorum shall be necessary for committee action.

The Residency Review Committee shall consider appeals from applicants whose initial request for change in residency status has been denied by the residency appeals officer based upon the applicant's written appeal and the file in that matter to the extent provided by the Family Educational Rights and Privacy Act, 1974 (FERPA). The applicant shall be notified in writing as to the committee's decision.

If the decision of the committee is adverse to the applicant, the applicant may request a formal hearing by submitting a written request to the executive vice president and provost (or designee). This request must be postmarked no later than fourteen (14) calendar days from the date of receipt of notification of the committee's written decision.

The executive vice president and provost (or designee) shall appoint a hearing officer from outside the University to preside over formal residency hearings. Formal hearings shall be arranged based on a timely request from the applicant. The formal hearing shall provide for due process, including notice of hearing, examination of the information on which the University decision is based, and the right of an applicant to be represented by legal counsel and to present information and testimony in support of a claim of Kentucky residency. Hearing procedures will be consistent with 13 KAR 2:045 ([https://apps.legislature.ky.gov/Law/KAR/013/002/045.pdf#xml=https://apps.legislaturekygov/LRCSiteSessionSearch/dtSearch/dtisapi6dll?cmd=getpdfhits&u=1a702ce5&DocId=5428&Index=E%3a%5cProduction%5cDTSearch%5cDTSearchIndex%5cKY\\_Administrative\\_Reg&HitCount=10&hits=c+d+e+f+10+11+12+13+14+15+&SearchForm=&.pdf](https://apps.legislature.ky.gov/Law/KAR/013/002/045.pdf#xml=https://apps.legislaturekygov/LRCSiteSessionSearch/dtSearch/dtisapi6dll?cmd=getpdfhits&u=1a702ce5&DocId=5428&Index=E%3a%5cProduction%5cDTSearch%5cDTSearchIndex%5cKY_Administrative_Reg&HitCount=10&hits=c+d+e+f+10+11+12+13+14+15+&SearchForm=&.pdf)).

The hearing officer shall make a report with findings of fact and a recommendation to the executive vice president and provost (or designee) with a copy to the applicant. The executive vice president and provost (or designee) will decide the appeal on the record on behalf of the University and the Board of Trustees and will notify the applicant

in writing within thirty days of receipt of the hearing officer's report. In the event the decision of the executive vice president and provost (or designee) is not in accord with the recommendation and findings of the hearing officer's report, a written explanation will be provided to the applicant.

### **Council on Postsecondary Education Administrative Regulation**

Relates to: KRS Chapter 13B, 164.020, 164.030, 164A.330(6).

### **Necessity, Function, And Conformity**

KRS 164.020(8) requires the Council on Postsecondary Education to determine tuition and approve the minimum qualifications for admission to a state-supported postsecondary education institution and authorizes the council to set different tuition amounts for residents of Kentucky and for nonresidents. This administrative regulation establishes the procedure and guidelines for determining the residency status of a student who is seeking admission to, or who is enrolled at, a state-supported post-secondary education institution.

## **University-Wide Academic Policies**



Clicking on the links listed below allows access to pages detailing broader areas of academic policy as well as individual pages devoted to specific policies.

*These policies are effective for Academic Year 2021-2022 (Summer 2021 semester).* Students enrolled in a term before this effective semester should consult with an advisor in their enrollment unit (<http://louisville.edu/advising/centers/>) if they feel that they are disadvantaged by any change from previous policies.

Previous catalogs are available via the archive page of this catalog (p. 958).

## **Course Registration Policies (p. 50)**

- Academic Advising (p. 53)
- Alternative Coursework (p. 54)
- Auditing Courses (p. 58)
- Course Loads (p. 59)
- Pass/Fail (p. 60)
- Registration (p. 60)
- Repeating Courses (p. 61)
- Undergraduate and Graduate Courses (p. 61)
- Withdrawals (p. 62)

## **Student Success Policies (p. 63)**

- Academic Forgiveness (p. 66)
- Academic Fresh Start (p. 66)
- Academic Standing (p. 67)
- Class Attendance (p. 70)
- Dean's List and Scholars (p. 70)
- Final Examinations (p. 70)
- Grading (p. 71)
- Incompletes (p. 71)

## **Graduation Policies (p. 72)**

- Catalog Year (p. 73)
- General Education: Cardinal Core Requirements (p. 73)
- Graduation and Degree Requirements (p. 76)
- Graduation with Academic Honors (p. 78)
- Residency Requirements (p. 80)

## **Student Records, Rights and Responsibilities (p. 80)**

- Academic Grievances (p. 82)
- Classification of Students (p. 82)
- Code of Student Conduct (p. 82)
- Code of Student Rights and Responsibilities (p. 83)
- Student Records (p. 84)

## Course Registration Policies



Information on policies regarding course registration and academic coursework at the University of Louisville can be found on this page or by clicking on the following links to topic-specific pages:

- Academic Advising (p. 53)
- Alternative Coursework (p. 54)
- Auditing Courses (p. 58)
- Course Load (p. 59)
- Pass/Fail (p. 60)
- Registration (p. 60)
- Repeating Courses (p. 61)
- Undergraduate and Graduate Courses (p. 61)
- Withdrawals (p. 62)

**These policies are effective for Academic Year 2021-2022 (Summer 2021 semester).** Students enrolled in a term before this effective semester should consult with an advisor in their enrollment unit (<http://louisville.edu/advising/centers/>) if they feel that they are disadvantaged by any change from previous policies.

Previous catalogs are available via the archive page of this catalog (p. 958).

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## Academic Advising

Academic Advising at the University of Louisville is an on-going, intentional, educational partnership dedicated to student academic success. More information about academic advising can be found within the University-Wide Policies section (p. 49) of this Undergraduate Catalog.

## Flight Plan

Flight Plan is a university-wide initiative that assists students in staying on course to graduate in four years or in the timeframe of their choice. Students learn about majors and how they connect to careers and then select a Flight Plan that meets their interests and their level of skills.

## Athletic Academic Services

This office provides academic support for all students involved in the University's intercollegiate athletic programs. The academic performance of all student-athletes is monitored during the semester as well as their progress toward graduation. A liaison is maintained with the faculty through close collaboration with the Committee on Academic

Performance (CAP) and Faculty Athletic Representative (FAR) – Krista Wallace-Boaz ([kwall01@louisville.edu](mailto:kwall01@louisville.edu)).

Services offered include academic counseling, tutoring, objective based study hall, career services, computer services, accommodative learning services for student-athletes with learning challenges, and referral to other university offices to ensure that student-athletes are informed about other available resources. The office also advises several Registered Student Organizations which provide opportunities for student-athletes to get involved on campus and in the community. Additional information can be found online (<https://gocards.com/?path=acadservices>).

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## Alternative Coursework

In addition to the traditional course offerings, the University of Louisville may award academic credit through alternative means. Such opportunities do not require the customary classroom attendance and participation and include extramural examinations, conference work, independent studies, internships, cooperative education, field experiences, and clinical rotations. Each of these experiences requires the approval of the enrollment unit and not all are available in every unit, so students should consult with the advising office for availability and requirements. The most common alternatives for earning credit outside of traditional coursework are independent study and internships:

Many units offer independent study courses, which provide the opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum. Students must present a written plan to their department that includes the purpose, rationale, activities planned, and expected learning outcomes, and the plan must be approved by the instructor, department chair, and unit dean and submitted to the registrar. A title for this individualized study course will be assigned by the supervising faculty member and will appear on the student's academic record. Before applying for an independent study, students should have at least 30 semester hours and a 3.0 GPA.

Internships, cooperative education, field experiences, and clinical rotations give students the opportunity to earn academic credit for workplace experiences that support the educational goals of the student's academic discipline, and thus students should consult with their academic advisor to determine the requirements within their units.

Approved opportunities range from full to part-time, temporary to permanent, paid to non-paid. In some programs, internships, cooperative education, field experiences, and clinical rotations are required to satisfy degree requirements.

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## Auditing Courses

Audited courses do not earn credit, although the transcript will indicate that the course was taken as an audit. Because audit status is offered only on a space available basis, students may not register for a class in an audit status during early registration, nor may a student change from graded to audit status during that period. Students may register for classes in audit status during regular registration and then only with the written approval of the instructor of the course. Not all instructors allow auditors. Work expectations of auditors can vary across courses and instructors, and the specific work expectations that will warrant the audit designation on the transcript should be confirmed with the instructor facilitating the course. Auditors who do not fulfill the work

expectations may be withdrawn from the course with a grade of W noted on the transcript.

Students who have registered in audit status will not receive credit for the course unless their registration has been changed officially from audit to credit by the published deadline for such a change. Students are allowed to change from audit to grade status or from grade status to audit status at any time from the beginning of regular registration through the last day to add a class with approval from the course instructor. Students are advised that such approval is the instructor's prerogative, subject to completion of course prerequisites, and that audit status may have implications for financial aid eligibility. Any change of status must be submitted on a Drop/Add and Grade Type Change Form and turned in to the Registrar's Office by the deadline. Students admitted to the unit as Auditors are not eligible to take courses for credit and may not change their class registration from audit to credit.

Students are cautioned that auditing a class cannot substitute for taking the course for credit if that course is part of the credit hour requirement for graduation, including both college-wide and major requirements. Any required course taken as audit must be retaken for credit in order to be counted toward a degree. Students are advised to consult with their academic advisor to determine if registration in audit status is appropriate. Students may enroll for credit in any course which was taken for audit, in a semester subsequent to the semester when the course was audited, provided those students have been admitted to the unit on a basis that confers eligibility to take courses for credit. If students take a course for both audit and credit, the transcript will show both entries.

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## Course Load

All baccalaureate degree programs require at least 120 credit hours, but more may be required in some programs. A typical schedule in the fall and spring semesters is 15 semester hours, but may vary by semester and program from 12 to 18 hours. Some programs also have planned summer loads.

Students may need to prove full-time/half-time status in order to be eligible for dependent insurance and to defer repayment of some loans, among other reasons. Definitions of full-time/half-time are defined according to federal government regulations for financial aid recipients. Students will be certified as full-time if registered for 12 or more hours in any semester, including summer. Cooperative internships also qualify for full-time status in some units. For half-time status, students must be registered for a minimum of 6 hours during any semester, including summer.

Students in good standing typically may take no more than 18 hours in the fall and spring semesters. Under special circumstances, students who have completed a minimum of 30 hours at UofL and who have a cumulative grade point average of at least 3.0 may request permission through their advising center to take an overload. For the summer semester students are limited to 4 hours in the three-week summer session and 7 hours during each of the five-week summer sessions. Typically, there are no overloads for summer, though overload approvals may vary by unit. Permissions are handled by procedures determined by the Dean's office in each unit, and some units may accept petitions for course overloads above those listed above.

Students on academic warning or probation and students admitted in conditional status are limited to 14 hours during the fall and spring

semesters and to a total of 10 semester hours during the summer sessions.

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## Pass/Fail

Undergraduate students in good academic standing may enroll in one undergraduate course each semester on a pass/fail basis, provided that the course is not used to meet a general education requirement, a programmatic requirement at either the degree program or college level, a prerequisite requirement for admission to a degree program, or a foreign language requirement for a degree program. If the course is letter-graded, the instructor's agreement (signature) must be secured by students for pass/fail grading to be applied to the course, and the student's enrollment unit must approve the request. Courses completed on a pass/fail basis will not be assigned any quality points, but credit will be given if the grade assigned is a P. If the grade assigned is F, it will be calculated as such in the student's grade point average. No changes from letter grade to pass/fail, or vice versa, may be made after the University's deadline to withdraw from a course. No letter-grade equivalent for a P grade will be assigned or reported. This policy will not apply to courses taught only on a pass-fail basis, such as some internship and field experience courses.

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## Registration

Students may register for courses during the priority early registration period before the beginning of the semester. A student's first opportunity is based on classification and alphabetic rotation. The early registration period is then followed by regular and late registration. The registration calendar for any term is published online by the office of the registrar.

Initial registration and any later registration changes are usually completed by students through the registration link of the ULink online portal.

Initial registration must be completed by the date announced by the registrar, typically the fifth day of classes. Students may make adjustments to their course schedule until the end of the first week for regularly scheduled fall and spring courses. For summer courses and courses with atypical duration, the last date to adjust schedules is specified by the registrar in the official registration calendar. This last day to adjust schedules is referred to as the last day to drop/add.

Students may add courses to their schedules until the last day to drop/add. No signature or other authorization is required if the added course is open for enrollment, if students meet all course prerequisites, and if such additional courses do not raise the students' credit#hours for the term above the maximum allowed by the students' enrollment unit or academic standing. If the addition increases the tuition cost for the semester, the additional payment must be settled with the university bursar by the last day to drop/add.

Students can place their names on the waitlist for a course that is closed.

Students are automatically moved from the waitlist to registration in the course as spaces open until the end of the first week of classes.

Students may add their names to the waitlist until the third day of classes for regularly scheduled fall and spring courses, and the first day of classes for summer courses.

Students may drop a course from their schedule until the last day of drop/add. Courses that are dropped during the regular registration period are not listed on the transcript. Students should consider how dropping a course will affect their Flight Plan status, their progress toward their degree and their financial aid eligibility. Students who stop attending a

class but fail to complete the drop process, regardless of the date when they stopped attending the course, will be given the grade of F for the course.

Students who wish to enroll in concurrent courses at another institution should consult their academic advisor before registration to secure a visiting student letter, and to ensure proper enrollment and recording of courses. Students in good standing who have earned a minimum of twelve hours may be able to cross register at other universities in the Kentuckiana Metroversity consortium. Cross registration is permitted on a space-available basis at the discretion of the member institutions. The combined program of work in all institutions may not exceed the maximum course load permitted for students at the University of Louisville. Failure to follow these guidelines may result in loss of credit or ineligibility to transfer the credits from the other schools toward the requirements for graduation.

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## Repeating Courses

Students are allowed to repeat a course only once, with the most recent grade counting for grade point average calculation and towards degree requirements. Students are advised to weigh carefully the trade-off between 1) possibly improving their academic standing by repeating a course and earning a higher grade, and 2) the investment of time and money in repeating courses.

Students may petition to repeat a course more than once through a process determined by each academic unit.

Although all grades are displayed on the official transcript, repeated courses cannot receive double credit in hours required for the degree and count only once toward graduation.

Students may only receive federal and state financial aid funds one time for retaking previously passed coursework. Students should speak with a financial aid advisor about the impact on financial aid before making the decision to repeat a course that was previously passed.

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## Undergraduate and Graduate Courses

Students must have completed the proper prerequisites to register for any course. It is the student's responsibility to know the prerequisites for a course by checking the course description section of the online university undergraduate catalog. While some of these courses are open to all students enrolled in the University of Louisville, many are restricted to students in certain programs.

The dean's office in each unit reserves the right to administratively withdraw students from courses based on academic policies.

The units also reserve the right to cancel without prior notice any courses listed in the Schedule of Classes, and to cancel any course that does not have an adequate enrollment at a reasonable time during the registration period for the semester. The university attempts to provide all courses required for graduation frequently enough to ensure that no student's degree will be delayed by course unavailability, but the university cannot guarantee that such delay will not occur.

University of Louisville undergraduate students typically take courses at the 100 through 400 level. Courses numbered below the 100 level are not used in calculations of earned hours or the university grade point average. Courses numbered at the 100 and 200 level are primarily for freshmen and sophomores, and such courses generally contain

introductory or basic material. Courses numbered at the 300 and 400 level are primarily for juniors and seniors, and such courses generally contain advanced undergraduate material.

Courses at the 500-level may be open to both advanced undergraduate and graduate students. Courses numbered at the 600-level and above are for graduate students only. Undergraduate students requesting to enroll in a 500-level course for graduate credit or in a 600-level course may do so only with special permission of the instructor in the course and the dean of the student's enrollment unit, be registered for at least one undergraduate course, have earned at least 60 credit hours of coursework at the undergraduate level, and have a cumulative GPA of at least 3.0. A maximum of nine (9) credit hours of graduate coursework may be applied to the undergraduate degree. Such graduate level courses will satisfy requirements toward the undergraduate degree and therefore cannot be used for subsequent graduate credit.

In rare cases, undergraduate students at the University of Louisville who are within six (6) semester hours of completing the baccalaureate requirements and who are enrolled in a graduate course may obtain graduate credit at the University of Louisville. This can only occur if the course has not been used to satisfy part of the baccalaureate requirements, and if the chair of the department involved and the unit dean approve.

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### Accelerated Bachelor's/Master's Option

Undergraduate students enrolled in accelerated programs are eligible to register for graduate-level coursework. Students must apply for admission to the program no later than the end of their junior year to be eligible enroll in graduate coursework in their final year of the program.

The student may take a maximum of nine (9) credit hours for graduate credit, which will also apply to the requirements for the baccalaureate degree. Those nine (9) credit hours of graduate credit must be transferred to the student's graduate record after the student completes one semester as a graduate student.

See specific degree programs for further requirements.

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## Withdrawals

Students may *withdraw* from courses after the drop/add period up until the withdrawal deadline. A grade of W (withdrawal) will be posted to students' transcripts. The hours count as attempted hours but do not count as earned hours, and the grade will have no effect on the students' grade point averages. Students withdraw by using the registration link of the ULink online portal. No signature or other authorization is required if the change is made by the withdrawal deadline, but students should consult with academic and/or financial aid advisors to understand how withdrawing from a course will affect their academic plan status, their progress toward their degree, and their financial aid eligibility.

The withdrawal deadline for each semester is specified in the official registration calendar. The deadline typically occurs shortly after mid-term. Students who stop attending class without withdrawing will be given the grade of F for the course.

Students who make a *complete withdrawal* from all courses for a particular semester should contact their academic advisor to seek alternative solutions and/or to improve the possibility of returning to the university at a later date. A complete withdrawal must be processed in accordance with the procedures established by the academic unit.

In exceptional circumstances, students may petition for a *late withdrawal* after the withdrawal deadline. Students who intend to continue in other courses during the semester must petition the course *instructional unit* (the academic unit in which the course is taught). Students who intend to withdraw from all courses for which they are registered (*late complete withdrawal*) must petition their *enrollment unit* (the academic unit in which they are enrolled for their degree work). Proper documentation of the exceptional circumstances must accompany the petition for a late complete withdrawal. The enrollment unit shall request and consider all instructors' recommendations in deciding on the petition for a late complete withdrawal. Students should contact the advising office in the appropriate unit for guidance in the petition process.

### Compassionate Withdrawal

Students may request and be considered for a *compassionate withdrawal* when extraordinary circumstances prevent students from continuing in classes or completing academic requirements. If students are gravely incapacitated, the request may come from the student's spouse, family or legal surrogate. The office of the dean of students will gather necessary documentation to show that the situation is incapacitating. Such situations cover both physical and mental health issues, serious illness or injury, and extraordinary personal reasons. The office of the dean of students will review and evaluate the compassionate withdrawal request and take follow-up action to refer the case to the appropriate officer (e.g., unit dean) for review and decision.

The Office of the Dean of Students will coordinate the process with the unit dean's designee. An academic withdrawal does not remove a student's financial responsibility for his/her educational expenses. Students are responsible for payment of any outstanding charges including, but not limited to tuition, fees, parking, housing and other expenses, after the academic withdrawal is granted. The Office of the Dean of Students will assist with the identification and completion of all necessary business processes.

### Withdrawal Effective Date

The effective withdrawal date is the date on which the withdrawal is processed in the student records system. This date is used in calculating any applicable tuition reduction. When students officially withdraw from any course or courses for which hourly rates apply, tuition will be adjusted at the following ratios for regularly scheduled fall and spring classes:

0% charge/100% credit	Drop during first week of semester	100% fees
50% charge/50% credit	Withdrawal during second or third week of semester	0% fees
75% charge/25% credit	Withdrawal during fourth week of semester	0% fees
100% charge/0% credit	Withdrawal after fourth week of the semester	0% fees

Summer courses and some fall and spring semester courses vary in length and the percentage of refunds is modified. Refund deadlines for special terms and courses are listed in the online Registration Information (<https://louisville.edu/registrar/registration/>).

Course fees (as opposed to tuition) are refundable only with 100% credit.

## Academic Advising



### University Policies: Academic Advising

Each undergraduate unit at the university has full-time academic advisors available to assist students in planning the completion of their degree program and in navigating UofL resources. Some of the units at the University offer faculty advising and mentoring as well.

While academic advisors will make every effort to guide students throughout their education, students are ultimately responsible for developing a familiarity with and adhering to university, unit, and departmental policies and procedures. Students are expected to meet regularly with an advisor who will assist them with staying on their four-, five-, or six-year Flight Plan (<http://louisville.edu/flightplan/>) for graduation.

More information about academic advising and resources, including links to the unit advising centers, can be found at the Undergraduate Advising website (<http://louisville.edu/advising/>).

Academic advising assists students with, among other things, the following:

- Choosing a major and developing a four-, five-, or six-year Flight Plan (<http://louisville.edu/flightplan/>) for graduation.
- Selecting appropriate courses and making schedule changes.
- Navigating course repeats and withdrawals.
- Addressing academic difficulties in coursework and issues related to academic standing.
- Advising on campus resources.
- Filing leave of absence requests.
- Processing transfer credit evaluations and degree audits.

Students may not register for classes until their advising requirement has been satisfied. The following categories of students are required to meet with an advisor each semester in order to register for courses:

- Freshmen with less than 24 earned credit hours applicable to the degree.
- Transfer students (external and internal) upon initial admission and in their first semester.
- Students who are on academic warning and probation.
- Students who have a break in enrollment of two or more consecutive years.
- Students who are undecided.
- Students who are seeking admission into another enrollment unit.

- Students who have missed program milestones.
- Students who are required to be advised by individual academic units.

Visiting and post-baccalaureate students are not required to meet with an advisor in order to register for courses in the subsequent semester.

## Unit-Specific Policies: Academic Advising

In addition to the university-wide policies regarding Academic Advising, students may be subject to the unit-specific requirements listed below.

More information about academic advising and resources, including links to the unit advising centers, can be found at the Undergraduate Advising website (<http://louisville.edu/advising/>).

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### College of Arts & Sciences

In addition to the university requirements, academic advising is required for the following students enrolled in the College of Arts & Sciences:

- All students with fewer than 30 earned hours,
- Returning students who have sat out for a period of one semester or longer, and
- Students with 45 or more earned hours who have not formally applied for and been accepted into a major program.

Visiting students and post-baccalaureate students are not subject to the advising requirement. Students for whom advising is required will not be permitted to register for courses until completion of the advising requirement has been entered into the enrollment system.

Students who have been accepted to a major are highly encouraged to meet with faculty in their field of study. The College of Arts & Sciences also provides pre-professional advising for students interested in careers in law and in health-related fields.

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### College of Business

All business students are recommended to schedule an appointment with their advisor at the Reinhardt Academic Center periodically; Equine majors must contact the advisor within that discipline.

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### College of Education and Human Development

All students entering degree and/or teacher certification programs must schedule an appointment to meet with an academic counselor in Education Advising and Student Services to have an official program sheet prepared. This includes both internal and external transfer students who have been admitted to the College of Education and Human Development as well as new freshmen.

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### School of Music

Advising is required for all music students until they have completed all prerequisites for Upper Division courses. (See the Upper Division statement in the School of Music Unit Section and in the music degrees outlined in the undergraduate catalog.) Students will be blocked from registration for classes until the advising requirement has been satisfied.

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### School of Nursing

Freshmen and transfer students with less than 28 hours are required to be advised prior to registration. All new students are required to be advised regardless of credit hours.

Students who are out of sequence in their upper division program of study must meet with their advisor to revise their program of study and submit a School of Nursing space available form.

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### School of Public Health and Information Sciences

A student is assigned an academic advisor on matriculation and is required to meet with that advisor every semester. The student is responsible for scheduling these required advisory meetings.

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### Speed School of Engineering

All BS and MEng students are required to be advised by their academic counselor each semester. Students will be unable to register for classes until cleared by an academic counselor.

## Alternative Coursework



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### University Policies: Alternative Coursework

In addition to the traditional course offerings, the University of Louisville may award academic credit through alternative means. Such opportunities do not require the customary classroom attendance and participation and include extramural examinations, conference work, independent studies, internships, cooperative education, field experiences, and clinical rotations. Each of these experiences requires the approval of the enrollment unit and not all are available in every unit, so students should consult with the advising office for availability and requirements.

The most common alternatives for earning credit outside of traditional coursework are independent study and internships:

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#### Independent Studies

Many units offer independent study courses, which provide the opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum. Students must present a written plan to their department that includes the purpose, rationale, activities planned, and expected learning outcomes, and the plan must be approved by the instructor, department chair, and unit dean and submitted to the registrar. A title for this individualized study course

will be assigned by the supervising faculty member and will appear on the student's academic record.

Before applying for an independent study, students should have at least 30 semester hours and a 3.0 GPA.

## **Internships, Cooperative Education, Field Experiences, Clinical Rotations**

These courses give students the opportunity to earn academic credit for workplace experiences that support the educational goals of the student's academic discipline. Students should consult with their academic advisor to determine the requirements within their units.

Approved opportunities range from full- to part-time, temporary to permanent, paid to non-paid.

In some programs, internships, cooperative education, field experiences, and clinical rotations are required to satisfy degree requirements.

## **Unit-Specific Policies**

In addition to the university-wide policies regarding Alternative Coursework, students may be subject to the unit-specific requirements listed below.

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### **College of Arts and Sciences**

#### **Conference Work**

Conference work refers to completion of course requirements through satisfactory performance on all regularly scheduled writing assignments and examinations, including the final examination. Students enrolled for conference work are excused from regular class attendance. However, the following requirements apply:

- The instructor excuses the students from all participation except for the writing assignments and examinations;
- The waiver must be given at the beginning of the semester;
- The students must be enrolled for credit in the courses; and
- The students must pay the regular fees for credit courses.

Students who satisfactorily complete the requirements for conference work receive the same semester hours as though they attended the class regularly, and their grade will be determined by performance on the writing assignments and examinations.

#### **Credit by Examination**

Extra-curricular examinations allow students to fulfill course requirements by meeting criteria established and evaluated by a special examining committee. These examinations are customarily taken by students whose work outside of college classes has given them knowledge equivalent to that of students who have completed the classes.

The requirements for such an examination are:

- Students must first obtain the approval of the chair of the department in which they propose to earn credit through examination, specifying why credit by examination would be justified in their programs.
- Students must obtain an application for credit by examination from the College Advising Center and return the completed form to the Center.
- Students must pay one half the regular fees for the course.

- A faculty committee must agree to serve as examiners. The committee will consist of a regular instructor for the course, who chairs the committee, and two additional examiners, one of whom must be from outside the Division.
- Students must take both a written and an oral examination.
- Students must submit to the chair of the committee any evidence of achievement, in addition to the written and the oral examinations, which the chair requires.
- Students must be enrolled concurrently in the College for a minimum of 6 semester hours of regular course work.

Credits earned by conference work or by examination are counted in the student's regular load, which must not exceed 17 semester hours per semester. (See Course Load).

#### **Cooperative Internships**

The College will award academic credit for eligible work experiences that qualify under the College's Internship Policy. To qualify for enrollment in a cooperative internship course for credit, each student is required to present:

- Either 45 credit hours, including 9 in the unit in which credit is sought, or 60 credit hours, including 6 in the unit in which credit is sought;
- A minimum grade point average of 2.5 for all coursework taken; and
- A completed Application for Enrollment in Cooperative Internship Form.

Transfer students must have completed one full semester of work (i.e., 12 hours) at the University of Louisville.

A maximum of twelve credits of Internship (including hours earned in GEN 301) may apply toward the 121 hours required for the degree.

For information about internships, contact the chair of the department of the major.

#### **Independent Study**

Students may, with permission of the Departmental or Divisional Chair and the Dean, register for Independent Study in a particular department. The student must have an overall grade point average of 3.0, a grade point average of 3.5 in the department, and at least 18 semester hours' credit in that department unless otherwise waived by the department. Independent Study consists of a minor research project conducted under the direction of a faculty member. Students obtain forms for Independent Study from their department. The completed forms with required signatures must be turned in at registration. Credits earned through Independent Study are counted in the regular load, which must not exceed 18 credit hours per semester.

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### **College of Business**

#### **Awarding of Credit for Non-Traditional Work**

The College of Business does not award credit for work experience, noncredit courses or internships, independent studies, or co-ops taken at another academic institution.

#### **Correspondence Courses**

The College of Business does not offer courses by correspondence, nor does it grant credit for business courses taken by correspondence. Students who wish to take correspondence courses to fulfill the Arts and

Sciences requirements for their program should contact the College of Business, Reinhardt Academic Center.

### **Cooperative Education**

The COB faculty and employers structure individually appropriate practical experiences that build professional competence, apply academic principles, and help evaluate career options.

COB majors may earn either three (3) or six (6) hours of academic credit through the Co-op program, as specified in each major's Degree Program section of this catalog. One hour of academic credit is given for each 75 hours of approved work. Students can be considered full-time during a semester in which they are registered for three (3) Co-op credit hours. Students register for credit during the semester in which the majority of the work takes place. Start dates for COB Co-op are flexible. Co-op evaluations are graded on a Pass/Fail basis. Deadlines for each semester are posted in the COB Ulmer Career Management Center.

Under certain circumstances a student may be eligible to take an approved internship or Co-op for no academic credit. Such an internship or Co-op will appear on the transcript without any academic credit. Contact the Ulmer Career Center for details.

All majors are encouraged to plan in advance for Co-op, which is typically taken during the junior and/or senior years. Computer Information Systems majors register for Co-op as a graduation requirement and usually work full-time for six (6) months prior to graduation.

International students must validate work authorization eligibility through the International Center prior to working with the COB Ulmer Career Management Center.

Approved COB Co-op may be paid or non-paid. Students may work full-time, alternating semesters of Co-op with semesters of campus academics. Or, students may work part-time, in order to parallel workplace and classroom experiences. Employment arrangements are between students and employers while the COB provides structure, guidance, and evaluation for educational components. Program requirements include the following:

- Be enrolled in good standing in the College of Business
- Maintain a 2.0 cumulative university GPA.
- Have completed prerequisite courses established by each major area of study.
- Work in positions that are approved for credit in the educational discipline of the student's major. These positions must be current level-appropriate experiences that can be characterized as new learning and/or new responsibilities. Credit is not given for past employment experience or continuing employment that does not offer new employment challenges.

Apply for COB Co-op on the Ulmer Career Center website: [business.louisville.edu/careers](http://business.louisville.edu/careers) (<http://www.business.louisville.edu/careers/>).

Business minors (other than Management) do not have the option for Co-op credit.

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## **College of Education & Human Development**

### **Course by Conference**

Under certain circumstances, a student may complete a course on an individual basis with an instructor. This is called a course by conference. Course by conference forms are available in the Education Advising

and Student Services office. Signatures of the instructor, department chairperson, and dean are required on the form.

### **Independent Study**

Credit may be earned by independent study with the permission of the dean, department chairperson, and instructor. Independent study forms are available in the Education Advising and Student Services office.

### **Statement on Student Teaching/Field Experience**

In all phases of the Developmental Teacher Preparation Model, candidates participating in field and clinical experiences must abide by all policies, rules, and regulations of the University and the assigned school. Failure to abide by standards of conduct and performance established by the faculty may result in removal from the program. Electronic documentation of 200 hours of diverse and approved field experiences is required prior to student teaching.

Student teaching requires a minimum 15-week clinical experience in school setting(s) related to the teaching certificate a teacher candidate is seeking. Teacher candidates work with a cooperating teacher and University supervisor participating in the work of teaching. Evaluation is based on Kentucky Teacher Performance Standards and Professional Code of Ethics.

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## **Speed School of Engineering**

### **Independent Study Courses**

Engineering students should have at least 30-semester hours and a 2.5 GPA before applying for an independent study. Students must obtain approval from the instructor, department chair, and Associate Dean for Academic Affairs.

### **Cooperative Education**

The principal purpose of the J.B. Speed School of Engineering is to give the student a thorough, well-balanced training in engineering and applied science as preparation for entry into the profession of engineering. The Engineering Office of Co-op and Career Development assists each student in obtaining a suitable cooperative work assignment in their chosen industry or research field, at locations throughout the US and occasionally abroad. During each co-op assignment, students work full-time and receive a salary from their employer

### **Engineering Cooperative Education**

In order to qualify for the Bachelor of Science degree, students must successfully complete three engineering co-ops.

### **Eligibility for Co-op**

Co-op eligibility is dependent upon the student's admission to an academic department, being in good academic standing within Speed School, and upon completion of pre- and co-requisites for the Co-op Seminar (288) and co-op rotations (289, 389, 489). Students must be enrolled in the Co-op Seminar (288) in a semester preceding their first cooperative work assignment. In addition, transfer students must have completed at least one semester of full-time coursework in Speed School including the Co-op Seminar (288) before their first co-op.

A student may lose their eligibility for co-op for any of the following reasons:

- Academic Warning or Probation,
- Disciplinary Probation,
- Employer Termination,
- Unauthorized Change of Co-op Employer,

- Actions that reflect negatively on the J.B. Speed School of Engineering,
- Unprofessional conduct (not attending scheduled interviews, not responding to Co-op office enquiries, etc.), or
- Unsatisfactory Co-op Employer Performance Review.

If a student loses their Co-op eligibility, they must submit a petition to re-enter Co-op.

#### **Student Responsibilities**

Students will alternate Co-ops with semesters of full-time class work.

Students are required to register for the Co-op prior to the beginning of each work term.

Students are expected to work the dates of Co-op designated by the Engineering Office of Co-op and Career Development Office.

Unless specifically approved by the Co-op coordinator, all Co-op work terms will be conducted with the same employer and in alternating semesters.

Students are employees of the company or organization while they are on Co-op and are subject to employer rules and regulations. Students are expected to maintain the highest performance and behavioral standards while on Co-op.

If a student is terminated from cooperative employment or otherwise disciplined for any reason, it must be immediately reported by the student to the Co-op coordinator. A student who is terminated for any reason other than the employer's business conditions will receive an F grade in Co-op and, in addition, may be subject to academic sanctions as well as disciplinary action in accordance with the Code of Student Conduct.

The university is not liable for any accident or injury involving a Co-op student. However, it is the responsibility of the student to see that any serious accident or injury is reported, at the earliest opportunity, to the Co-op coordinator. Students are required to sign and abide by the policies and procedures set forth in the Cooperative Education Student Agreement provided in the Co-op seminar.

#### **Salary**

In general, students are classified as temporary full-time employees and are paid on an hourly basis while on Co-op. Pay rates vary according to employer and location.

#### **Length of Employment**

In order to be eligible to receive the Bachelor of Science degree, all candidates must have completed three cooperative semesters.

#### **Course Enrollment During Co-op**

In general, academic coursework is not allowed during the Co-op work period. In some instances, with approval, a student may enroll for academic coursework not exceeding four semester hours during any Co-op period. Approval will be given only for academic coursework that is taken outside normal working hours (8:00 – 5:00) and which does not interfere with the co-op work assignment. Permission to take a course must be obtained prior to the beginning of the co-op period. Request forms are available from the Engineering Office of Student Success.

#### **Evaluation and Academic Credit**

Co-op students are graded on a pass/fail basis and earn one semester hour of credit for each completed co-op, for a total of three semester hours. At the conclusion of a co-op semester, each student is evaluated by the appropriate employer representative. The report will be reviewed

and approved by the co-op coordinator and faculty in the student's major department.

#### **Advanced Standing Credit**

Advanced Standing credit for co-op may be awarded upon approval of the department chair, the Director of Co-op and Career Development and the Associate Dean for Academic Affairs. Students who performed full-time work of a technical nature before entering Speed School and students who have had military experience are eligible. A letter is required from the employer verifying the dates and the nature of the employment. In the case of military experience, veterans may submit a copy of their separation form in lieu of the employer's letter. Students who participate in ROTC or military summer camp may receive credit for one co-op (1 hour).

Forms for advanced standing credit are available from the Engineering Office of Co-op and Career Development. Part-time work or work performed subsequent to entering Speed School will not qualify for advanced standing credit. If the work, however, was comparable to a co-op assignment and was performed during a semester in which the student was enrolled for no more than four semester hours, then the student may be eligible, upon approval, for back registration. The student must pay tuition for the one credit hour of coursework, as well as the co-op course fee, and will be expected to fulfill normal course requirements for co-op, including submission of a co-op report and employer evaluation.

#### **Employment Opportunities**

Securing a co-op position is affected by general economic conditions and particular employer specifications. Therefore, the University cannot guarantee employment. However, every effort will be made to assist students in finding cooperative assignments appropriate to their specialization and personal preference. Students who obtain their own co-op employment must have the approval of the cooperative education coordinator and are subject to the policies and procedures stated herein and the Cooperative Education Student Agreement.

#### **Waiver Policy**

When a student experiences extreme difficulty in obtaining a suitable co-op position, that student may seek an administrative waiver from the department chair and the Director of Career Development. Waiver recipients are required to complete a minimum of three semester hours of additional courses for each cooperative period waived. The three semester hours must be in addition to courses required for the baccalaureate degree and must be approved by the department chair.

#### **International Students Exemption**

A student who holds a student visa is exempt from the mandatory cooperative education requirement. Student visa holders are required to complete a minimum of three semester hours of additional courses for each co-op. The three semester hours must be in addition to courses required for the baccalaureate degree and must be approved by the department chair.

#### **Graduate Career Employment**

Graduating students and alumni should register with the Engineering Co-op and Career Development Office for job search assistance. On-campus interviews, individual counseling, and group information sessions are conducted throughout the year.

## Extramural Examinations

### Advanced Placement Examinations of the College Board

In accordance with Kentucky Senate Bill 74, the University of Louisville awards credit for scores of 3 on all Advanced Placement Examinations of the College Board. A higher score may be required to receive credit for specific courses within certain disciplines. Elective credit will be awarded for Advanced Placement Examinations not listed or for scores of 3 when a higher score is required for specific course credit. Scores should be submitted to the Office of Admissions as soon as they are available.

Advanced placement scores and course equivalencies (<http://louisville.edu/admissions/apply/test-credit/ap-credit/>) are available from the Office of Admissions.

For more information go to: [louisville.edu/admissions/apply/test-credit/ap-credit](http://louisville.edu/admissions/apply/test-credit/ap-credit) (<http://louisville.edu/admissions/apply/test-credit/ap-credit/>)

### College-Level Examination Program of the College Board

UofL awards credit on the basis of the College Level Examination Program (CLEP) administered by the College Board. CLEP examinations may be taken at any national test center, including the University of Louisville Testing Service. Prior arrangements with the testing center must be made, and there is a fee for the general examination and for each subject examination. A CLEP Bulletin of Information for candidates may be obtained from most testing centers, or by writing the following address:

CLEP  
Box 1821  
Princeton, New Jersey 08540.

Scores obtained should be sent to the Office of Admissions.

Areas of study, the amount of credit allowed, and minimum scores (<http://louisville.edu/admissions/apply/test-credit/clep-credit/>) are determined by the Office of Admissions. Credit earned through CLEP does not count as credit earned in residence at the University of Louisville. For more information go to [louisville.edu/admissions/apply/test-credit/clep-credit](http://louisville.edu/admissions/apply/test-credit/clep-credit) (<http://louisville.edu/admissions/apply/test-credit/clep-credit/>)

### International Baccalaureate

The university awards academic credit to entering freshmen who have completed the International Baccalaureate (IB) Program. Credit will be awarded for most IB Higher or Standard Level exams completed with a 5 or higher.

Scores and course equivalencies (<http://louisville.edu/admissions/apply/test-credit/ib-credit/>) are available from the Office of Admissions.

For more information go to [louisville.edu/admissions/apply/test-credit/ib-credit](http://louisville.edu/admissions/apply/test-credit/ib-credit) (<http://louisville.edu/admissions/apply/test-credit/ib-credit/>)

### Foreign Language Advanced Standing

Students who wish to continue the study of a foreign language begun in high school must take placement examinations in order to be placed at the appropriate level. To receive university credit for language study completed at the high school level, the placement examination is required before attempting university language study.

The placement exam is administered online and can be completed at [modernlanguages.louisville.edu/spanishfrenchexam.php](http://modernlanguages.louisville.edu/spanishfrenchexam.php) (<http://modernlanguages.louisville.edu/spanishfrenchexam.php>).

The placement tests may not be used to earn credit if the student already has received college- or university-level credit in that language elsewhere or has enrolled in a course in that language at this university.

When a student places into a course numbered higher than 121, credit toward graduation will be awarded for those elementary or intermediate courses by-passed only if the student completes successfully the language class into which s/he is placed.

A student placing in the 300 level will receive 12 hours of P/Pass credit for courses numbered 121, 122, 123, or 221 (depending on the language) upon successful completion of a 300-level class in the language<sup>1</sup>. Any credit earned by placement testing will be posted on the student's record only after completion of a regular semester of full-time study (or 12 semester hours) at the University of Louisville. Students should not enroll for credit in a course they have successfully bypassed through examination.

A student who has earned college credit for work done in high school may choose whether to use that credit -or- the credit earned through the placement examination program described above. These regulations also apply to Metroversity students.

For foreign students whose previous academic work has been in a language other than English, the foreign language requirement for graduation will be waived automatically. No credit will be granted for 100- or 200-level language courses to any student for whom that course is his/her native language. Students may obtain credit for courses in linguistics, culture or literature numbered 300 or above in their native language by extramural examination or by taking the courses.

For information about placement examinations in American Sign Language, contact:

American Sign Language and Interpreting Studies (<https://louisville.edu/languages/american-sign-language/>)  
300 Robbins Hall  
Louisville, KY 40292  
(502) 852-4607

<sup>1</sup> Eighteen hours of credit by placement are available in Spanish for students who test into SPAN courses 321, 322, or 355.

## Auditing Courses



Audited courses do not earn credit, although the transcript will indicate that the course was taken as an audit. Because audit status is offered

only on a space-available basis, students may not register for a class in an audit status during early registration, nor may a student change from graded to audit status during that period.

Students may register for classes in audit status during regular registration and then only with the written approval of the instructor of the course. Not all instructors allow auditors. Work expectations of auditors can vary across courses and instructors, and the specific work expectations that will warrant the audit designation on the transcript should be confirmed with the instructor facilitating the course. Auditors who do not fulfill the work expectations may be withdrawn from the course with a grade of W noted on the transcript.

Students who have registered in audit status will not receive credit for the course unless their registration has been changed officially from audit to credit by the published deadline for such a change. Students are allowed to change from audit to grade status or from grade status to audit status at any time from the beginning of regular registration through the last day to add a class with approval from the course instructor. Students are advised that such approval is the instructor's prerogative, subject to completion of course prerequisites, and that audit status may have implications for financial aid eligibility.

Any change of status must be submitted on a Drop/Add and Grade Type Change Form and turned in to the Registrar's Office by the deadline. Students admitted to the unit as Auditors are not eligible to take courses for credit and may not change their class registration from audit to credit.

Students are cautioned that auditing a class cannot substitute for taking the course for credit if that course is part of the credit hour requirement for graduation, including both college-wide and major requirements. Any required course taken as audit must be retaken for credit in order to be counted toward a degree. Students are advised to consult with their academic advisor to determine if registration in audit status is appropriate. Students may enroll for credit in any course which was taken for audit, in a semester subsequent to the semester when the course was audited, provided those students have been admitted to the unit on a basis that confers eligibility to take courses for credit. If students take a course for both audit and credit, the transcript will show both entries.

## Course Load



## University Policies: Course Load

All baccalaureate degree programs require at least 120 credit hours, but more may be required in some programs. A typical schedule in the fall and spring semesters is 15 semester hours, but may vary by semester and program from 12 to 18 hours. Some programs also have planned summer loads.

Students may need to prove full-time/half-time status in order to be eligible for dependent insurance and to defer repayment of some loans, among other reasons. Definitions of full-time/half-time are defined according to federal government regulations for financial aid recipients. Students will be certified as full-time if registered for 12 or more hours in any semester, including summer. Cooperative internships also qualify for full-time status in some units. For half-time status, students must be registered for a minimum of 6 hours during any semester, including summer.

Students in good standing typically may take no more than 18 hours in the fall and spring semesters. Under special circumstances, students who have completed a minimum of 30 hours at UofL and who have a cumulative grade point average of at least 3.0 may request permission through their advising center to take an overload. For the summer semester students are limited to 4 hours in the three-week summer session and 7 hours during each of the five-week summer sessions. Typically, there are no overloads for summer, though overload approvals may vary by unit. Permissions are handled by procedures determined by the Dean's office in each unit, and some units may accept petitions for course overloads above those listed above.

Students on academic warning or probation and students admitted in conditional status are limited to 14 hours during the fall and spring semesters and to a total of 10 semester hours during the summer sessions.

## Unit-Specific Policies

In addition to the university-wide policies regarding Course Load, students may be subject to the unit-specific requirements listed below.

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### College of Arts and Sciences

Students with less than 30 hours at UofL and a cumulative grade point average of at least 3.5 may petition to take more than 18 hours. Students with a 3.0 grade point average at the University of Louisville may petition to take up to nine hours in a five-week session, but are still limited to a maximum of 18 hours in the summer semester.

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### College of Business

Full-time status in the COB can also be met by being registered for 3 credit hours of approved COB Co-op in a given semester. Co-op credit hours count toward the total hours taken. All COB students considering COB Co-op should evaluate course loads in terms of individual needs and plan accordingly with the assistance of an academic advisor. Other academic course load during a Co-op semester should be severely limited. Students should check with their financial aid lending institution when considering the impact of COB Co-op on financial planning for semesters involving co-op work.

Students on academic warning and probation are also restricted to no more than one course per summer term.

*Note: The College of Business reserves the right to administratively withdraw students from courses based on academic policies.*

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### College of Education & Human Development

The maximum load for the summer semester is 15 semester hours.

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## Kent School of Social Work

The maximum load in summer sessions is 3 semester hours for the first term and 6 semester hours in the second and third terms. Students should note that the Kent summer term, if taking social work electives, extends across all three summer terms and should work with their advisor to determine their summer load.

Students on academic warning and probation and students admitted on limited load are limited to 13 hours during the fall and spring semesters and to a total of 12 semester hours during the summer session.

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## School of Music

Overload students in the School of Music may not exceed 20 credit hours per semester. A petition will be required for each semester of overload request.

School of Music students on probation are limited to a maximum of 14 credit hours per semester and students admitted in conditional status to a maximum of 14 credit hours. No overloads will be approved while a student remains in such status. Summer session enrollments will be limited to a maximum of 4 credit hours for three-week terms and 7 credit hours for five-week terms.

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## Speed School of Engineering

Students may take a maximum of 18 credit hours each fall and spring semester and 13 credit hours in the summer term. In special circumstances during fall and spring semesters, students may register for 19 credit hours with permission from the Associate Dean for Academic and Student Affairs.

Students on either academic warning or academic probation status are limited to no more than 13 credit hours during fall and spring semesters and 7 credit hours during the summer term.

## Pass/Fail



Undergraduate students in good academic standing may enroll in one undergraduate course each semester on a pass/fail basis, provided that the course is not used to meet a general education requirement, a programmatic requirement at either the degree program or college level, a prerequisite requirement for admission to a degree program, or a foreign language requirement for a degree program. If the course is letter-graded, the instructor's agreement (signature) must be secured by students for pass/fail grading to be applied to the course, and the student's enrollment unit must approve the request.

Courses completed on a pass/fail basis will not be assigned any quality points, but credit will be given if the grade assigned is a P. If the grade assigned is F, it will be calculated as such in the student's grade point average. No letter-grade equivalent for a P grade will be assigned or reported.

No changes from letter grade to pass/fail, or vice versa, may be made after the university deadline to withdraw from a course.

This policy will not apply to courses taught only on a pass-fail basis, such as some internship and field experience courses.

## Registration



Students may register for courses during the priority early registration period before the beginning of the semester. A student's first opportunity is based on classification and alphabetic rotation. The early registration period is then followed by regular and late registration. The registration calendar for any term is published online by the office of the registrar.

Initial registration and any later registration changes are usually completed by students through the registration link of the ULink online portal (<https://ulink.louisville.edu/>).

Initial registration must be completed by the date announced by the registrar, typically the fifth day of classes. Students may make adjustments to their course schedule until the end of the first week for regularly scheduled fall and spring courses. For summer courses and courses with atypical duration, the last date to adjust schedules is specified by the registrar in the official registration calendar. This last day to adjust schedules is referred to as the last day to drop/add.

Students may *add* courses to their schedules until the last day to drop/add. No signature or other authorization is required if the added course is open for enrollment, if students meet all course prerequisites, and if such additional courses do not raise the students' credit#hours for the term above the maximum allowed by the students' enrollment unit or academic standing. If the addition increases the tuition cost for the semester, the additional payment must be settled with the university bursar by the last day to drop/add.

Students can place their names on the *waitlist* for a course that is closed.

Students are automatically moved from the waitlist to registration in the course as spaces open until the end of the first week of classes.

Students may add their names to the waitlist until the third day of classes for regularly scheduled fall and spring courses, and the first day of classes for summer courses.

Students may *drop* a course from their schedule until the last day of drop/add. Courses that are dropped during the regular registration period are not listed on the transcript. Students should consider how dropping a

course will affect their progress toward their degree and their financial aid eligibility. Students who stop attending a class but fail to complete the drop process, regardless of the date when they stopped attending the course, will be given the grade of F for the course.

Students who wish to enroll in concurrent courses at another institution should consult their academic advisor before registration to secure a visiting student letter, and to ensure proper enrollment and recording of courses. Students in good standing who have earned a minimum of twelve hours may be able to cross-register at other universities in the Kentuckiana Metroversity consortium. Cross registration is permitted on a space-available basis at the discretion of the member institutions.

The combined program of work in all institutions may not exceed the maximum course load permitted for students at the University of Louisville. Failure to follow these guidelines may result in loss of credit or in ineligibility to transfer the credits from the other schools toward the requirements for graduation.

## Repeating Courses



Students are allowed to repeat a course only once, with the most recent grade counting for grade point average calculation and towards degree requirements. Students are advised to weigh carefully the tradeoff between 1) possibly improving their academic standing by repeating a course and earning a higher grade, and 2) the investment of time and money in repeating courses.

Students may petition to repeat a course more than once through a process determined by each academic unit.

Although all grades are displayed on the official transcript, repeated courses cannot receive double credit in hours required for the degree and count only once toward graduation.

Students may only receive federal and state financial aid funds one time for retaking previously passed coursework. Students should speak with a financial aid advisor about the impact on financial aid before making the decision to repeat a course that was previously passed.

## Undergraduate and Graduate Courses



### Course Numbering

University of Louisville undergraduate students typically take courses at the 100 through 400 level. Courses numbered below the 100 level are not used in calculations of earned hours or the university grade point average. Courses numbered at the 100 and 200 level are primarily for freshmen and sophomores, and such courses generally contain introductory or basic material. Courses numbered at the 300 and 400 level are primarily for juniors and seniors, and such courses generally contain advanced undergraduate material.

Courses at the 500-level may be open to both advanced undergraduate and graduate students. Courses numbered at the 600-level and above are for graduate students only. Undergraduate students requesting to enroll in a 500-level course for graduate credit or in a 600-level course may do so only with special permission of the instructor in the course and the dean of the student's enrollment unit, be registered for at least one undergraduate course, have earned at least 60 credit hours of coursework at the undergraduate level, and have a cumulative GPA of at least 3.0. A maximum of nine (9) credit hours of graduate coursework may be applied to the undergraduate degree. Such graduate level courses will satisfy requirements toward the undergraduate degree and therefore cannot be used for subsequent graduate credit.

In rare cases, undergraduate students at the University of Louisville who are within six (6) semester hours of completing the baccalaureate requirements and who are enrolled in a graduate course may obtain graduate credit at the University of Louisville. This can only occur if the course has not been used to satisfy part of the baccalaureate requirements, and if the chair of the department involved and the unit dean approve.

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### Accelerated Bachelor's/Master's Option

Undergraduate students enrolled in accelerated programs are eligible to register for graduate-level coursework. Students must apply for admission to the program no later than the end of their junior year to be eligible enroll in graduate coursework in their final year of the program.

The student may take a maximum of nine (9) credit hours for graduate credit, which will also apply to the requirements for the baccalaureate degree. Those nine (9) credit hours of graduate credit must be transferred to the student's graduate record after the student completes one semester as a graduate student.

See specific degree programs for further requirements.

## Prerequisites

Students must have completed the proper prerequisites to register for any course. It is the student's responsibility to know the prerequisites for a course by checking the course description section of the online university undergraduate catalog. While some of these courses are open to all students enrolled in the University of Louisville, many are restricted to students in certain programs.

## Administrative Withdrawal and Course Cancellations

The dean's office in each unit reserves the right to administratively withdraw students from courses based on academic policies.

The units also reserve the right to cancel without prior notice any courses listed in the Schedule of Classes, and to cancel any course that does not have an adequate enrollment at a reasonable time during the registration period for the semester. The university attempts to provide all courses required for graduation frequently enough to ensure that no student's degree will be delayed by course unavailability, but the university cannot guarantee that such delay will not occur.

## Withdrawals



Students may *withdraw* from courses after the drop/add period up until the withdrawal deadline. A grade of W (withdrawal) will be posted to students' transcripts. The hours count as attempted hours but do not count as earned hours, and the grade will have no effect on the students' grade point averages. Students withdraw by using the registration link of the ULink online portal. No signature or other authorization is required if the change is made by the withdrawal deadline, but students should consult with academic and/or financial aid advisors to understand how withdrawing from a course will affect their academic plan status, their progress toward their degree, and their financial aid eligibility.

The withdrawal deadline for each semester is specified in the official registration calendar. The deadline typically occurs shortly after mid-term.

Students who stop attending class without withdrawing will be given the grade of F for the course.

Students who make a *complete withdrawal* from all courses for a particular semester should contact their academic advisor to seek alternative solutions and/or to improve the possibility of returning to the university at a later date. A complete withdrawal must be processed in accordance with the procedures established by the academic unit.

In exceptional circumstances, students may petition for a *late withdrawal* after the withdrawal deadline. Students who intend to continue in other courses during the semester must petition the course *instructional unit* (the academic unit in which the course is taught). Students who intend to withdraw from all courses for which they are registered (*late complete*

*withdrawal*) must petition their *enrollment unit* (the academic unit in which they are enrolled for their degree work). Proper documentation of the exceptional circumstances must accompany the petition for a late complete withdrawal. The enrollment unit shall request and consider all instructors' recommendations in deciding on the petition for a late complete withdrawal. Students should contact the advising office in the appropriate unit for guidance in the petition process.

## Compassionate Withdrawal

Students may request and be considered for a *compassionate withdrawal* when extraordinary circumstances prevent students from continuing in classes or completing academic requirements. If students are gravely incapacitated, the request may come from the student's spouse, family or legal surrogate. The office of the dean of students will gather necessary documentation to show that the situation is incapacitating. Such situations cover both physical and mental health issues, serious illness or injury, and extraordinary personal reasons. The office of the dean of students will review and evaluate the compassionate withdrawal request and take follow-up action to refer the case to the appropriate officer (e.g., unit dean) for review and decision.

The Office of the Dean of Students will coordinate the process with the unit dean's designee. An academic withdrawal does not remove a student's financial responsibility for his/her educational expenses. Students are responsible for payment of any outstanding charges including, but not limited to tuition, fees, parking, housing and other expenses, after the academic withdrawal is granted. The Office of the Dean of Students will assist with the identification and completion of all necessary business processes.

## Withdrawal Effective Date

The effective withdrawal date is the date on which the withdrawal is processed in the student records system. This date is used in calculating any applicable tuition reduction. When students officially withdraw from any course or courses for which hourly rates apply, tuition will be adjusted at the following ratios for regularly scheduled fall and spring classes:

Tuition Charge/Credit	Withdrawal Date	Fees Refunded
0% charge/100% credit	Drop during first week of semester	100% fees
50% charge/50% credit	Withdrawal during second or third week of semester	0% fees
75% charge/25% credit	Withdrawal during fourth week of semester	0% fees
100% charge/0% credit	Withdrawal after fourth week of the semester	0% fees

Summer courses and some fall and spring semester courses vary in length and the percentage of refunds is modified. Refund deadlines for special terms and courses are listed in the online Registration Information (<https://louisville.edu/registrar/registration/>).

Course fees (as opposed to tuition) are refundable only with 100% credit.

## Student Success Policies



Information on policies related to student success at the University of Louisville can be found on this page or by clicking on the following links to topic-specific pages:

- Academic Forgiveness (p. 66)
- Academic Fresh Start (p. 66)
- Academic Standing (p. 67)
- Class Attendance (p. 70)
- Dean's List and Scholars (p. 70)
- Final Examinations (p. 70)
- Grading (p. 71)
- Incompletes (p. 71)

**These policies are effective for Academic Year 2021-2022 (Summer 2021 semester).** Students enrolled in a term before this effective semester should consult with an advisor in their enrollment unit (<http://louisville.edu/advising/centers/>) if they feel that they are disadvantaged by any change from previous policies.

Previous catalogs are available via the archive page of this catalog (p. 958).

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### Academic Forgiveness

Academic Forgiveness allows currently enrolled students or students who are eligible to re-enroll without seeking readmission to request the adjustment of their records for one or more continuous entire semesters of previous college work. If the appropriate committee within the students' enrollment unit or the unit in which they seek to re-enroll finds there are extenuating circumstances that warrant such action, the committee may rule the students eligible for academic forgiveness. The committee will approve petitions only if future academic success seems plausible, with the expectation that such forgiveness should typically have a positive effect on persistence toward eventual graduation.

Forgiveness will only be applied to the record after the successful completion of at least 12 hours after the last term for which forgiveness is to be requested. The 12 hours should be in degree applicable courses with the necessary semester grade point average designated by their enrollment unit. After these 12 hours have been attempted, students may petition the appropriate committee for academic forgiveness, designating the semester or consecutive sequence of semesters to which the forgiveness process is to apply. If approved, all course grades and credit hours for the forgiven semesters will be voided. Students may not be granted academic forgiveness more than once.

The voided grades and credit hours will not be considered for degree requirements or quality-point computations, but will remain on the students' transcript. Academic actions, such as probation or dismissal, recorded at the end of the voided terms, will also remain. While forgiven course grades are removed from the calculation, the course work does remain a part of the students' permanent record and the forgiven work may be considered for financial aid, NCAA purposes, and may be evaluated if applying for honors or graduate study.

Academic forgiveness is an internal policy. The University of Louisville cannot guarantee how the work will be viewed by another university should students choose to transfer. Students considering this option are strongly encouraged to consult with their academic advisor for guidance.

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### Academic Fresh Start

Students who are re-admitted to the university after an absence of two or more years may request a Fresh Start. Students must take at least 30 hours of course work at the University after re#admission and before graduation for Fresh Start to be applicable. Students are eligible for only one Fresh Start. Students who have earned a baccalaureate degree from the University are not eligible for Fresh Start.

If the Fresh Start is approved by the university, students resume an academic program with no cumulative grade point average from the prior enrollment. All courses taken remain on the permanent record. Courses with passing grades are counted for credit and may be used to satisfy program requirements.

Students may be required to retake courses from academic terms covered by Fresh Start if the content-currency or major-GPA rules of a degree program, department or unit so dictate. Students will be notified at the time of application for the Fresh Start of any additional requirements to be fulfilled in remedying these conditions.

Although Fresh Start affects cumulative grade point average, it has no impact on earned and attempted hours. All courses taken at the university will still be used for financial aid. Financial aid recipients will still have to adhere to the Satisfactory Academic Progress (SAP) policy administered by the Student Financial Aid Office. Students who are granted a Fresh Start are not automatically cleared of any SAP issues. If interested in submitting a SAP appeal, students should contact the Student Financial Aid Office.

Courses taken under the repeat-to-replace option during the period covered by a Fresh Start will be subject to the university repeat policy. Financial aid for repeat courses is calculated according to federal regulations.

For the purposes of scholastic action and advising, students are initially assigned to the same academic standing as when they last attended the university. Thereafter, students are subject to the conditions of probation, suspension and dismissal that govern all students. GPA calculations for graduation honors follow the rules established by the students' enrollment unit.

While the UGPA calculation restarts after Fresh Start is applied, all previous course work remains a part of the students' permanent record and may be considered for financial aid, or NCAA purposes, and may be evaluated if applying for honors or graduate study.

Fresh Start is an internal policy. The University of Louisville cannot guarantee how the work will be viewed by another university should

students choose to transfer. Students considering this option are strongly encouraged to consult with their academic advisor for guidance.

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## Academic Standing

Decisions involving academic warning, probation, suspension, dismissal and readmission are made by each academic unit. These decisions are based on the university's undergraduate grade point average (UGPA) and the program grade point average (PGPA). The unit notifies students after the end of each semester if their status changes. Notifications of such academic actions are officially made through the student's university email account.

Undergraduate students are in good standing when they have a cumulative UGPA of at least 2.00 and a cumulative PGPA greater than the program requirement. Each unit determines their own program requirements.

After the first 12 degree-applicable semester hours at the University, students who have either a cumulative UGPA below 2.00, or a cumulative PGPA below the program requirement, will be placed on academic warning. Such students will be notified and strongly encouraged to seek assistance from their advising center.

In any semester subsequent to an academic warning, students whose cumulative UGPA falls below 2.00, or cumulative PGPA falls below the program requirement, will be placed on academic probation for the next semester of enrollment. Academic probation is considered a serious warning that students are making unsatisfactory progress toward completion of the academic requirements for a particular degree program. Students on academic probation may be ineligible to hold office in campus organizations, to go out on co-op, internship, or clinical assignments, or to represent the school or the University in any official capacity.

Students on academic probation shall be removed from that standing at the end of the first subsequent semester in which they achieve a cumulative UGPA of at least 2.00 and a cumulative PGPA greater than the program requirement. Such students will return to good standing. Students on academic probation shall be placed on academic suspension at the end of the first subsequent semester in which their semester UGPA falls below 2.00, or semester PGPA falls below the program requirement.

Students on academic suspension are not permitted to enroll for at least one program semester. During this period, individuals should seriously reexamine their previous accomplishments in terms of their chosen career objectives. After one semester, students who believe that a reasonable opportunity for future successful performance exists may petition the unit's committee for re-admittance. The petition must be received no later than July 1 for readmission for the fall semester, November 1 for the spring semester, and May 1 for the summer terms. Students who are granted reinstatement will be readmitted on academic probation. Readmission of suspended students is not guaranteed.

Students will not be reinstated more than twice; the third suspension is an academic dismissal. Students academically dismissed can only return through special permission from the enrollment unit. Students who are suspended or dismissed are eligible to apply for admission to another unit and may be admitted if they meet minimum unit admission standards. Students admitted to another unit may not enroll in any courses in the unit from which they were dismissed, with the exception of courses needed to complete general education or other degree requirements offered only by the unit from which they were dismissed.

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## Class Attendance

The academy requires student participation in the learning process, measurement of student progress, and the fulfillment of basic course requirements. Faculty members will provide students in their classes with clear syllabi, including attendance requirements and dates for required measurements or field experiences. Attendance policies should allow excused absences for university-sanctioned events. Although each college, school, or academic unit of the University of Louisville creates its own regulations concerning class attendance, all units hold students responsible for materials covered, lectures given, papers due, exams scheduled, or other evaluative measures administered.

Because the university recognizes that educational experiences extend beyond the classroom and campus, faculty must be flexible with students acting as official representatives of the university or participating in university-sanctioned events or activities that require absence from class. A university sanctioned event or activity shall be one in which a student represents the university to external constituencies in academic or extra-curricular activities. These include but are not limited to student government congresses, intercollegiate athletic and debate contests, music competitions, academic meetings, and conferences. The deans, the student government association, or faculty sponsors of recognized student organizations may petition the provost to designate other specific events as university-sanctioned.

When students' participation in university-sanctioned events or activities requires them to be absent from a class (or classes) during which an examination or other measurement of academic progress is scheduled, faculty will provide students with opportunities to be evaluated at other times and by comparable alternative evaluation methods within a reasonable period of time before or after the absence. Students are responsible for material covered or work assigned in any class for which they have been provided an excused absence.

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## Dean's List and Scholars

Students who complete twelve or more graded credits in one semester are eligible for the Dean's List and designation as a Dean's Scholar. The following distinctions are made:

Dean's List: UGPA 3.5 and above, with no grades of I, X, U, or C-minus or below

Dean's Scholar: UGPA = 4.0, with no grades of I, X, or U

Developmental courses (courses below 100 level) and grades of P are not prohibited in Dean's List or Dean's Scholar qualifications but cannot be used to meet the graded-credits minimum requirement. Any petitions arising from unusual circumstances (such as part-time status) should be filed with the students' advising center within two weeks of the beginning of the next term of enrollment.

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## Final Examinations

Comprehensive final examinations may be administered only on the date and time prescribed in the online university final exam schedule. Comprehensive examinations may not be given on the last regular day of class or during the reading period. Examinations which cover a limited portion of the course work may be given during the last regular class period. Students must be notified of the type of examinations to be given in the course as well as each examination's percentage of the course

grade. This information, along with scheduled dates and times, should be included in the course syllabus.

The comprehensive final examination in a course should be given as scheduled and not at other times, even if the faculty member and all students in a course agree to such a change. However, students who have more than two exams in one calendar day, or two examinations at the same time, may reschedule. Students should contact the instructors as early in the semester as possible, no less than one week prior to the last class meeting, to resolve any scheduling issues. If a resolution cannot be reached, students should contact their advising center. The dean's office is responsible for enforcing the final exam policy and resolving any conflicts or issues.

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### Grading

The university awards letter grades that are translated into quality points to determine a grade point average. The "+/-" ("plus/minus") grading system may be used by instructors to help students understand their performance more accurately. Under this system, quality points are assigned as follows:

A+ = 4.0	A = 4.0	A- = 3.7
B+ = 3.3	B = 3.0	B- = 2.7
C+ = 2.3	C = 2.0	C- = 1.7
D+ = 1.3	D = 1.0	D- = 0.7
F = 0.0		

The grade A+ is given for extraordinary work and appears on the transcript with the "plus" qualification, but it awards no additional quality points.

The grade F means not passing and earns neither semester hours toward graduation nor quality points; however, the number of semester hours attempted is computed into the point standing, so that an F has a negative effect on the point standing. All missing grades change to failing grades one year after the completion of the semester in which the course was taken.

Other letter grades, all of which do not enter into the point standing, include the following:

AU means Audit.

I means Incomplete Work.

P means Passing.

S and U mean Satisfactory and Unsatisfactory.

W means Withdrew.

X means No Basis for Grade.

For a course taken on a pass-fail basis a grade P is given for achievement equivalent to the standards for the grades A through D in the same course and earns the designated number of semester hours toward graduation. For courses using S and U, an S will earn semester hours, but those hours may not be counted toward the minimum number of hours required for graduation or a degree. The grade X is available only

for graduate level courses for which the work is not yet finished due to the nature of the study.

The university's undergraduate grade point average (UGPA) is determined by dividing the total number of quality points earned by the total number of semester hours attempted with earned grades. The UGPA takes into account all undergraduate course work taken at the university, except that courses numbered below the 100 level will not be used in the earned hours or UGPA calculations. Grades and quality points earned at other institutions are also not incorporated into the UGPA.

A program GPA is calculated by including only those courses used to satisfy degree requirements. Courses for which transfer credit has been awarded are not included in the calculation. The program GPA is used for determination of honors and satisfaction of degree requirements.

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### Incompletes

Students unable to complete course work because of conditions beyond their control may be granted the grade I, which stands for Incomplete, so that the work can be completed after the end of the semester. Such conditions include hospitalizations, death in immediate family, and prolonged sickness. The grade I may not be used solely to extend the available time in a semester for students who fall behind for reasons under their control.

The grade I may be assigned at the discretion of the course instructor if all of the following conditions are met:

The majority of the course work was completed prior to the end of the semester;

The student is in good standing to pass the course upon successful completion of the remaining work;

The final portion of the course work could not be completed for reasons beyond the student's control.

If requested to do so, the student must supply the instructor with documentation of the extenuating circumstances. The instructor is encouraged to provide to the student a written statement of the expectations and requirements for completing the course work.

Students must complete the course work no later than the last day of classes for the next regular fall or spring semester. If the work is completed by the deadline, the instructor submits a change of grade from I to the letter grade earned. The change of grade form must be submitted by the instructor to the registrar's office by the last day to submit grades for the semester when the student's completed coursework was due. Failure of the student to complete the work by the deadline will result in an automatic change of grade from I to F unless the dean's office grants an extension.

Students may not graduate with an I grade on the transcript. Students with an incomplete should not register again for the course. An I carries no quality points until it is changed to a letter grade.

## Academic Forgiveness



Academic Forgiveness allows currently enrolled students or students who are eligible to re-enroll without seeking readmission to request the adjustment of their records for one or more continuous entire semesters of previous college work. If the appropriate committee within the students' enrollment unit or the unit in which they seek to re-enroll finds there are extenuating circumstances that warrant such action, the committee may rule the students eligible for academic forgiveness. The committee will approve petitions only if future academic success seems plausible, with the expectation that such forgiveness should typically have a positive effect on persistence toward eventual graduation.

Forgiveness will only be applied to the record after the successful completion of at least 12 hours after the last term for which forgiveness is to be requested. The 12 hours should be in degree applicable courses with the necessary semester grade point average designated by their enrollment unit. After these 12 hours have been attempted, students may petition the appropriate committee for academic forgiveness, designating the semester or consecutive sequence of semesters to which the forgiveness process is to apply. If approved, all course grades and credit hours for the forgiven semesters will be voided. Students may not be granted academic forgiveness more than once.

The voided grades and credit hours will not be considered for degree requirements or quality-point computations, but will remain on the students' transcript. Academic actions, such as probation or dismissal, recorded at the end of the voided terms, will also remain. While forgiven course grades are removed from the calculation, the course work does remain a part of the students' permanent record and the forgiven work may be considered for financial aid, NCAA purposes, and may be evaluated if applying for honors or graduate study.

Academic forgiveness is an internal policy. The University of Louisville cannot guarantee how the work will be viewed by another university should students choose to transfer. Students considering this option are strongly encouraged to consult with their academic advisor for guidance.

## Academic Fresh Start



Students who are re-admitted to the university after an absence of two or more years may apply for a Fresh Start (<http://louisville.edu/admissions/apply/transfer/admissions/app-resources/fresh-start-application/>), i.e., may request that the university reset the student's cumulative grade point average during the period of previous residency.

If the Fresh Start is approved by the university, students resume an academic program with no cumulative grade point average from the prior enrollment. All courses taken remain on the permanent record. Courses with passing grades are counted for credit and may be used to satisfy program requirements.

Students must take at least 30 hours of coursework at the University after re#admission and before graduation for Fresh Start to remain on their official transcript. Students are eligible for only one Fresh Start. Students who have earned a baccalaureate degree from the University are not eligible for Fresh Start.

Students may be required to retake courses from academic terms covered by Fresh Start if the content-currency or major-GPA rules of a degree program, department or unit so dictate. Students should consult the Undergraduate Catalog and their advisor at the time of readmission for any possible additional requirements to be fulfilled in remedying these conditions.

Although Fresh Start affects cumulative grade point average, it has no impact on earned and attempted hours. All courses taken at the university will still be used for financial aid. Financial aid recipients will still have to adhere to the Satisfactory Academic Progress (SAP) policy administered by the Student Financial Aid Office. Students who are granted a Fresh Start are not automatically cleared of any SAP issues. If interested in submitting a SAP appeal, students should contact the Student Financial Aid Office.

Courses taken under the repeat-to-replace option during the period covered by a Fresh Start will not be counted against the repeats allowed under university policy. Financial aid for repeat courses is calculated according to federal regulations.

For the purposes of scholastic action and advising, students are initially assigned to the same academic standing as when they last attended the university. Thereafter, students are subject to the conditions of probation, suspension and dismissal that govern all students. GPA calculations for graduation honors follow the rules established by the students' enrollment unit.

## Academic Standing



### University Policies: Academic Standing

Decisions involving academic warning, probation, suspension, dismissal and readmission are made by each academic unit. These decisions are based on the university's **undergraduate grade point average (UGPA)** and the **program grade point average (PGPA)**. The unit notifies students after the end of each semester if their status changes. Notifications of such academic actions are officially made through the student's university email account.

Undergraduate students are in **good standing** when they have a cumulative UGPA of at least 2.00 and a cumulative PGPA greater than the program requirement. Each unit determines their own program requirements.

### Academic Warning, Academic Probation, and Academic Suspension

After the first 12 degree-applicable semester hours at the University, students who have either a cumulative UGPA below 2.00, or a cumulative PGPA below the program requirement, will be placed on **academic warning**. Such students will be notified and strongly encouraged to seek assistance from their advising center.

In any semester subsequent to an academic warning, students whose cumulative UGPA falls below 2.00, or cumulative PGPA falls below the program requirement, will be placed on **academic probation** for the next semester of enrollment. Academic probation is considered a serious warning that students are making unsatisfactory progress toward completion of the academic requirements for a particular degree program. Students on academic probation may be ineligible to hold office in campus organizations, to go out on co-op, internship, or clinical assignments, or to represent the school or the University in any official capacity.

Students on academic probation shall be removed from that standing at the end of the first subsequent semester in which they achieve a cumulative UGPA of at least 2.00 and a cumulative PGPA greater than the program requirement. Such students will return to good standing. Students on academic probation shall be placed on **academic suspension** at the end of the first subsequent semester in which their semester UGPA falls below 2.00, or semester PGPA falls below the program requirement.

Students on academic suspension are not permitted to enroll for at least one program semester and must withdraw from any courses for the semester in which the suspension is applied. During this period, individuals should seriously reexamine their previous accomplishments

in terms of their chosen career objectives and seek help to improve their academic performance.

### Readmission/Reinstatement

After one semester, students who believe that a reasonable opportunity for future successful performance exists may petition the unit's committee for re-admittance. The petition must be received no later than published deadline in their unit. Students who are granted reinstatement will be readmitted on academic probation. Readmission of suspended students is not guaranteed.

Students will not be reinstated more than twice; the third suspension is an academic dismissal. Students academically dismissed can only return through special permission from the enrollment unit.

Students who are suspended or dismissed are eligible to apply for admission to another unit and may be admitted if they meet minimum unit admission standards. Students admitted to another unit may not enroll in any courses in the unit from which they were dismissed, with the exception of courses needed to complete general education or other degree requirements offered only by the unit from which they were dismissed.

### Unit-Specific Policies

In addition to the university-wide policies regarding Academic Standing, students may be subject to the unit-specific requirements listed below.

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#### College of Arts and Sciences

##### *Warning, Probation, Suspension, and Readmission*

Students on Academic Warning are limited to enrollment for 13 credit hours in a fall or spring semester and 10 credit hours for the summer terms.

The enrollment of students on Academic Probation will continue to be limited to a maximum of 13 semester hours in a fall or spring semester and 10 credit hours for the summer terms. Students on probation also may be subject to specified course registration requirements, or other actions deemed appropriate by the College. Students who are admitted to the College conditionally who have a grade point average below 2.0 at the end of their first semester of enrollment at the University of Louisville will be placed on Academic Probation.

Students on Academic Suspension and will be required to sit out at least one semester. Students suspended after a fall semester must sit out the following spring semester; students suspended after a spring semester must sit out the following summer and fall semesters; and students suspended after a summer semester must sit out the following fall semester. Students must sit out at least one calendar year after any subsequent suspension.

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#### College of Business

##### *Warning, Probation, Suspension, Dismissal, and Readmission*

College of Business students on academic warning or probation are subject to load limitations (see the Course Load section of this catalog) or other actions deemed appropriate by the COB. The records of students on Academic Probation will be evaluated at the end of the probationary semester with one of the following outcomes:

1. Students whose GPA for the probationary semester is 2.5 or above, but whose University GPA remains below 2.0 will be retained on Probation.
2. Students whose University GPA is still below 2.0 and who earned a semester grade point average below 2.5 will be placed on Academic Suspension and will be suspended from the COB. Suspended students are withdrawn from all 300- and 400-level COB courses.
3. Readmission of suspended students into the COB is not guaranteed.

For readmission, students must submit a written petition addressed to the College of Business Undergraduate Studies Committee and an academic plan form.

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## College of Education and Human Development

*Academic Warning, Probation, Suspension, Dismissal and Readmission*

CEHD students on Academic Warning may enroll in no more than 14 hours in a semester (10 hours during the summer).

CEHD students on Academic Probation will continue to be limited to enroll in no more than 14 semester hours in a semester (10 hours during the summer). Students on Academic Probation must earn a 2.5 grade point average in the academic probation semester to continue on Academic Probation.

Students on Academic Probation whose cumulative grade point average is below 2.25 and who earn a semester grade point average below 2.5 will be placed on Academic Suspension and will be required to sit out from the CEHD at least one semester. The student may apply to another unit. Students suspended after a spring semester must sit out the following summer and fall semesters.

Students who are suspended the third time from the College of Education and Human Development are academically dismissed. A student who has been dismissed from the College of Education and Human Development may apply for readmission after one full year.

Readmission of suspended or dismissed students is not guaranteed. Conditions of readmission will be up to the discretion of the College of Education Standards and Admissions Committee.

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## Kent School of Social Work

*Lower Division:* A cumulative GPA of 2.5 or above is required to remain in Good Standing. If a student's cumulative GPA falls below 2.5, then the student will be given a warning and will be required to meet with the BSW Advising Team for planning and oversight. If in the following semester the student's cumulative GPA remains less than a 2.5, the student will be placed on probation and an academic review will be required. A cumulative GPA of 2.5 or above in the following semester will be required to return to Good Standing.

Students will be placed on suspension following probation if the cumulative GPA remains below 2.5. Students must sit out at least one semester excluding summer when suspended. The student may apply to another unit. No student will be reinstated more than once with Kent School and no more than twice with UofL. A third suspension is an academic dismissal from UofL. A written petition is required for readmission, which is not guaranteed.

*Upper Division:* A failing grade in an upper division social work foundation/core course will result in an academic review. The BSW Program

Manager will inform the BSW Director of the need for this review and the process for an academic review will follow. Students may also be referred for an academic review if they are in jeopardy of dismissal from the program for any other reason.

A cumulative GPA of 2.5 or above is required to remain in Good Standing.

If a student's cumulative GPA falls below 2.5, then the student will be given a warning and will be required to meet with the BSW Program Manager for planning and oversight. If in the following semester the student's cumulative GPA remains less than a 2.5, the student will be placed on probation and an academic review will be required. A cumulative GPA of 2.5 or above in the following semester will be required to return to Good Standing.

Students will be placed on suspension following probation if cumulative GPA remains below 2.5 for three consecutive semesters. Students must sit out at least one semester excluding summer when suspended.

Students may apply to another unit. No student will be reinstated more than once with Kent School and no more than twice with UofL. A third suspension is an academic dismissal from UofL. A written petition is required for readmission, which is not guaranteed.

The Academic Advisory Committee is intended to assist the Associate Dean of Academic Affairs in conducting academic reviews for BSW and MSSW students. The Academic Advisory Committee shall consist of full time MSSW and/or BSW faculty members recruited by the Associate Dean for Academic Affairs and elected by the full-time faculty. The Academic Advisory Committee is intended to insure that the context surrounding the incidents that lead to the academic review are well understood before any recommendations are made.

The BSW Program will notify students at the end of each semester if academic reviews are needed, based on their GPA. Apart from reviews based on GPA, any faculty person may recommend a review for any students who are perceived to be in academic difficulty or who appear to have engaged in inappropriate conduct in violation of the National Association of Social Workers Code of Ethics, or the Code of Students Rights and Responsibilities.

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## School of Music

The School of Music follows university-wide policies, except that students are in good standing when they have a minimum cumulative grade point average of 2.5.

Undergraduate students on Academic Probation are:

- limited to fourteen (14) semester hours,
- may have specified course registration requirements, and
- may require intrusive advising interventions as deemed appropriate by their enrollment unit.

A student on probation whose cumulative grade point average is still below 2.5 and who earned a semester grade point average below 2.5 may petition for continuation of probation. The petition describing the student's plan of action to return to good standing must be submitted to the Associate Dean of the School of Music.

Students who are conditionally admitted enter the university on Academic Warning and are limited during their first semester to a fourteen-hour credit load. Their admission letter will indicate whether they have one or two semesters to achieve academic good standing. A one-semester conditional period will require students to achieve no less

than a 2.5 cumulative GPA by the end of the first semester, or they will be suspended from the School of Music. A two-semester conditional period will require students to achieve no less than a 2.5 cumulative GPA at the end of the first semester, or they will be placed on Academic Probation. If they do not achieve academic good standing by the end of the first year (i.e., end of the second semester) they will be suspended from the School of Music.

## School of Nursing

### Lower Division Progression

For Lower Division Traditional BSN program students, the School of Nursing follows university-wide policies, except that students are in good standing when they have a minimum university cumulative grade point average of 2.8.

### Pathophysiology and Pharmacology

Students in the Traditional BSN Program must satisfactorily complete NURS 338 Lifespan Pathophysiology and NURS 395 Nursing Pharmacotherapeutics with a grade of C or better in order to progress to the upper division clinical cohort. If students do not satisfactorily complete both NURS 338 and NURS 395 they must retake them to be eligible to reapply to upper division to compete for an upper division clinical space.

Failure to satisfactorily complete both courses results in dismissal from the program.

Students enrolled in the Traditional Bachelor of Science in Nursing program must earn a grade of "C" or above in the courses (or their equivalents) listed below. These courses may be repeated one time.

Students who do not pass the course on a second attempt will be dismissed from the nursing program.

Code	Title	Hours
ENGL 101	Introduction to College Writing - WC	3
ENGL 102	Intermediate College Writing - WC	3
BIOL 257	Introduction to Microbiology - S	3
BIOL 258	Introduction to Microbiology Laboratory - SL	1
BIOL 260	Human Anatomy & Physiology I	3
BIOL 261	Human Anatomy & Physiology II	3
BIOL 262	Human Anatomy & Physiology Lab	1
CHEM 105	Chemistry for Health Professionals - S	4
HSS 303	Human Nutrition	3
MATH 111	College Algebra - QR	3
NURS 338	Lifespan Pathophysiology	4
NURS 395	Nursing Pharmacotherapeutics	3

### Upper Division Progression

Students admitted to the Upper Division of Nursing must earn a C or above in all nursing courses. Good standing in the Upper Division for the Traditional BSN program is a minimum cumulative university GPA of 2.5. RN-BSN students must maintain a minimum cumulative university GPA of 2.0.

Students admitted to the Upper Division are allowed to repeat a nursing course only one time. Students who earn a grade below C in two Nursing (NURS) courses numbered 300 or above, or a second attempt at a nursing course will be dismissed from the program. This includes the required Pharmacology and Pathophysiology courses taken in Lower Division. For example, if a student fails NURS 338 in lower division and then fails an

additional course numbered 300 or higher in upper division, this is two nursing failures and the student will be dismissed from the program.

A student who wishes to repeat a nursing course should submit a Permit to Repeat Course form to the Office of Student Services, School of Nursing for approval. Once permission is granted, the student will be allowed to repeat the course on a space available basis.

If suspended from the program, students must meet with their advisor to revise their program of study, determine remediation, request re-enrollment on a space available basis, and plan to submit an Admissions Petition and official UofL Undergraduate application to the Office of Admissions in accordance with University guidelines. Re-admission is not guaranteed.

If dismissed from the program, the student has the right to file a petition to be allowed to remain in the program. If the petition to be allowed to remain in the program is denied, dismissal from the program is permanent. For petition deadlines please call the Office of Student Services at (502) 852-1196.

## Speed School of Engineering

A program GPA is calculated by including only those courses used to satisfy degree requirements. Courses for which transfer credit has been awarded are not included in either GPA calculation.

Students have the responsibility to know their current status. The University routinely notifies students when their status changes, but such notification may not be possible before the beginning of the semester.

### Good Standing

The Speed School of Engineering follows university-wide policies, except that students are in good standing when they have a minimum cumulative university GPA and PGPA of 2.25.

### Academic Warning

Students on Academic Warning are limited to enrollment for 13 credit hours (7 credit hours during the Speed School summer term). A student placed on Academic Warning will have the following semester to raise the cumulative university GPA to at least 2.25. If that does not occur, the student will then be placed on Academic Probation.

### Academic Probation

In any semester subsequent to that described in Academic Warning above, an undergraduate student who has less than a 2.25 cumulative university GPA will be placed on Academic Probation for the next semester in which the student enrolls. Students on Academic Probation are notified that their achievement is below expectations and are subject to course and/or credit hour limitations. During a semester on Academic Probation, no student may enroll in more than 13 credit hours (7 credit hours during the Speed School summer term). Students on Academic Probation will have their records evaluated at the end of the probationary semester with one of the following outcomes:

- Students whose cumulative university GPA and semester GPA are both at or above 2.25 will be restored to good standing in the Speed School.

- Students whose cumulative university GPA is still below 2.25 but who earned a semester GPA of at least 2.5 will be maintained on probation.
- Students whose cumulative university GPA is still below 2.25, and who earned a semester GPA at or above 2.25 but below 2.5, may petition for continuation on probation. The petition describing the student's plan of action to return to good standing must be submitted to the school's Standards and Admissions Committee. Students who do not submit a petition will be placed on Academic Suspension.
- Students whose cumulative university GPA and semester GPA are both below 2.25 will be placed on Academic Suspension and will be required to sit out at least one semester.

## Class Attendance



The academy requires student participation in the learning process, measurement of student progress, and the fulfillment of basic course requirements. Faculty members will provide students in their classes with clear syllabi, including attendance requirements and dates for required measurements or field experiences. Attendance policies should allow excused absences for university-sanctioned events. Although each college, school, or academic unit of the University of Louisville creates its own regulations concerning class attendance, all units hold students responsible for materials covered, lectures given, papers due, exams scheduled, or other evaluative measures administered.

Because the university recognizes that educational experiences extend beyond the classroom and campus, faculty must be flexible with students acting as official representatives of the university or participating in university-sanctioned events or activities that require absence from class. A university sanctioned event or activity shall be one in which a student represents the university to external constituencies in academic or extra-curricular activities. These include but are not limited to student government congresses, intercollegiate athletic and debate contests, music competitions, academic meetings, and conferences. The deans, the student government association, or faculty sponsors of recognized student organizations may petition the provost to designate other specific events as university-sanctioned.

When students' participation in university-sanctioned events or activities requires them to be absent from a class (or classes) during which an examination or other measurement of academic progress is scheduled, faculty will provide students with opportunities to be evaluated at other times and by comparable alternative evaluation methods within a reasonable period of time before or after the absence. Students are

responsible for material covered or work assigned in any class for which they have been provided an excused absence.

## Dean's List and Scholars

Students who complete twelve or more graded credits in one semester are eligible for the Dean's List and designation as a Dean's Scholar.

The following distinctions are made:

- Dean's List: UGPA of 3.5 and above, with no grades of I, X, U, or C-minus or below
- Dean's Scholar: UGPA equal to 4.0, with no grades of I, X, or U

Developmental courses (courses below 100 level) and grades of P are not prohibited in Dean's List or Dean's Scholar qualifications but cannot be used to meet the graded-credits minimum requirement. Any petitions arising from unusual circumstances (such as part-time status) should be filed with the students' advising center within two weeks of the beginning of the next term of enrollment.

## Final Examinations



Comprehensive final examinations may be administered only on the date and time prescribed in the online university final exam schedule.

Comprehensive examinations may not be given on the last regular day of class or during the reading period. No mandatory activities or assessments of any kind may be scheduled during the reading period. Examinations which cover a limited portion of the coursework may be given during the last regular class period. Students must be notified of the type of examinations to be given in the course as well as each examination's percentage of the course grade. This information, along with scheduled dates and times, should be included in the course syllabus.

The comprehensive final examination in a course should be given as scheduled and not at other times, even if the faculty member and all students in a course agree to such a change. However, students who have more than two exams in one calendar day, or two examinations at the same time, may reschedule. Students should contact the instructors as early in the semester as possible, no less than one week prior to the last class meeting, to resolve any scheduling issues.

If a resolution cannot be reached, students should contact their advising center. The dean's office is responsible for enforcing the final exam policy and resolving any conflicts or issues.

## Grading

The university awards letter grades that are translated into quality points to determine a grade point average. The "+/-" ("plus/minus") grading system may be used by instructors to help students understand their performance more accurately. Under this system, quality points are assigned as follows:

Grades	Quality Points
A+	4.0 (see below)
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0.0 (see below)

The grade A+ is given for extraordinary work and appears on the transcript with the "plus" qualification, but it awards no additional quality points.

The grade F means not passing and earns neither semester hours toward graduation nor quality points; however, the number of semester hours attempted is computed into the point standing, so that an F has a negative effect on the point standing. All missing grades change to failing grades one year after the completion of the semester in which the course was taken.

Other letter grades, all of which do not enter into the point standing, include the following:

**AU** means Audit.

**I** means Incomplete Work.

**P** means Passing.

**S** and **U** mean Satisfactory and Unsatisfactory.

**W** means Withdrew.

**X** means No Basis for Grade.

For a course taken on a pass-fail basis a grade P is given for achievement equivalent to the standards for the grades A through D in the same course and earns the designated number of semester hours toward graduation. For courses using S and U, an S will earn semester hours, but those hours may not be counted toward the minimum number of hours required for graduation or a degree. The grade X is available only for graduate level courses for which the work is not yet finished due to the nature of the study.

The university's undergraduate grade point average (UGPA) is determined by dividing the total number of quality points earned by the total number of semester hours attempted with earned grades. The UGPA takes into account all undergraduate course work taken at the university, except

that courses numbered below the 100 level will not be used in the earned hours or UGPA calculations. Grades and quality points earned at other institutions are also not incorporated into the UGPA.

A program GPA is calculated by including only those courses used to satisfy degree requirements. Courses for which transfer credit has been awarded are not included in the calculation. The program GPA is used for determination of honors and satisfaction of degree requirements.

## Incompletes



Students unable to complete course work because of conditions beyond their control may request the grade I, which stands for Incomplete, so that the work can be completed after the end of the semester. Such conditions include hospitalizations, death in immediate family, and prolonged sickness. The grade I may not be used solely to extend the available time in a semester for students who fall behind for reasons under their control.

The grade I may be assigned at the discretion of the course instructor if all of the following conditions are met:

- The majority of the course work was completed prior to the end of the semester;
- The student is in good standing to pass the course upon successful completion of the remaining work;
- The final portion of the course work could not be completed for reasons beyond the student's control.

If requested to do so, the student must supply the instructor with documentation of the extenuating circumstances. The instructor is encouraged to provide to the student a written statement of the expectations and requirements for completing the course work.

Students must complete the course work no later than the last day of classes for the next semester. If the work is completed by the deadline, the instructor submits a change of grade from I to the letter grade earned. The change of grade form must be submitted by the instructor to the registrar's office by the last day to submit grades for the semester when the student's completed coursework was due. Failure of the student to complete the work by the deadline will result in an automatic change of grade from I to F unless the dean's office grants an extension.

Students may not graduate with an I grade on the transcript. Students with an incomplete should not register again for the course. An I carries no quality points until it is changed to a letter grade.

## Graduation Policies



Information on policies related to degree requirements and graduation at the University of Louisville can be found on this page or by clicking on the following links to topic-specific pages:

- Catalog Year (p. 73)
- General Education: Cardinal Core Requirements (p. 73)
- Graduation and Degree Requirements (p. 76)
- Graduation with Academic Honors (p. 78)
- Residency Requirements (p. 80)

**These policies are effective for Academic Year 2021-2022 (Summer 2021 semester).** Students enrolled in a term before this effective semester should consult with an advisor in their enrollment unit (<http://louisville.edu/advising/centers/>) if they feel that they are disadvantaged by any change from previous policies.

Previous catalogs are available via the archive page of this catalog (p. 958).

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### Catalog Year

The university issues a catalog annually in conjunction with the start of the summer term, and the degree requirements stated in the annual issue apply to all students who matriculate during that year. These requirements constitute the “catalog year” for those students and set their degree requirements as long as they are enrolled without a break of more than two calendar years. In other cases, a student may elect to follow the requirements of a later catalog year. The student’s advisor will assist in identifying the need and benefit of such an election. The advisor must record this election in the student’s permanent record.

Students may petition for a variance from the stated degree requirements of their catalog year. Any variance must be approved by the dean or unit advising director (for unit and major degree requirements) or the provost (for General Education or Cardinal Core requirements).

Students readmitted after an absence of two or more calendar years must reapply for admission. If readmitted, they are subject to the catalog year requirements in force at the time of their readmission.

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### General Education: Cardinal Core Requirements

Beginning in summer 2018, all students are required to meet the requirements of the Cardinal Core general education program. Students who matriculated to the university before summer 2018 should consult

with their advisors about transitioning from the previous general education program to Cardinal Core.

The Cardinal Core program at the University of Louisville prepares students to do the advanced work needed for their baccalaureate degrees and prepares them to contribute to society throughout their lives through their professional work and civic engagement. The program emphasizes the development of key intellectual skills relevant to any career path: critical thinking, quantitative reasoning, effective communication, and the understanding of historical, social, and cultural diversity. Students will develop skills and acquire knowledge in the content areas of arts and humanities, historical perspectives, oral communication, quantitative reasoning, social and behavioral sciences, natural sciences, written communication, and the competency area of diversity in the United States and globally. Upon completion of the program, students will be prepared to analyze complex problems and evaluate possible courses of action in an environment characterized by diversity and the need for sustainable solutions.

For detailed information, please refer to the General Education: Cardinal Core (<http://catalog.louisville.edu/undergraduate/general-education-requirements/>) page in this catalog.

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### Graduation and Degree Requirements

The conferring of degrees by the University of Louisville is conditional upon completion of all requirements in the opinion of the unit faculty and dean, regardless of the students’ participation in commencement.

Students are strongly urged to run preliminary degree audits on a regular basis so that possible deficiencies in degree requirements can be identified early.

The baccalaureate degree (Bachelor’s of Arts, Fine Arts, Music, or Science) is the undergraduate degree offered by UofL. It is awarded to students who have completed both university-wide requirements and the requirements of the selected degree program. The following university-wide requirements apply to all baccalaureate degrees; the student must:

- Complete an online degree application by the specified date at the beginning of the semester of graduation.
- Complete an application for and be accepted for admission into a major program.
- Satisfy all Cardinal Core requirements.
- Complete all required courses and program requirements listed in the degree program section of this catalog.
- Have a cumulative university GPA of at least 2.00, or higher if specified by the program.
- Have a cumulative program GPA of at least 2.00, or higher if specified by the program.
- Complete a minimum of 120 hours applicable to the program, or more if required by the program.
- Complete at least 60 hours at an accredited four-year institution.
- Complete at least 25-percent of the total credit hours required for the degree in residence at the University of Louisville.
- Complete 30 of the last 36 hours in residence at the University of Louisville.
- Have neither missing nor outstanding I or X grades.
- Satisfy any additional requirements specified by the major program and unit.
- Be discharged of all financial obligations to the University.

- Be formally recommended for the baccalaureate degree by the unit faculty and dean and approved by the Board of Trustees.

To be awarded a second bachelor's degree, students must earn a minimum of thirty additional semester hours in the program. For students pursuing two degrees simultaneously, these thirty hours will be added to the minimum total of semester hours needed for the degree requiring the least number of hours.

Students who want to take a minor must apply for admission to the minor program after acceptance into a major program. The coursework requirements for a minor are prescribed by a department or unit and consist of at least 18 semester hours. Satisfactory completion of coursework required for a minor will be certified as completion of the minor, and will be shown on the student's transcript only if the student's application has been accepted by the department or program offering the minor. Most minor programs are open to students from all units.

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## Graduation with Academic Honors

Baccalaureate degree students who have earned a minimum of 60 hours of degree credit in residence at the University of Louisville will be eligible for consideration to graduate with honors. Students who have re-entered the university under the fresh-start policy must have earned at least 60 credit hours since their return to be considered for academic honors.

Commencement programs will list eligible students as a Candidate for Honors based on their having earned both undergraduate and program grade point averages of 3.5 or higher prior to the semester preceding graduation. Final determination of a student's eligibility to graduate with academic honors will be based on the student's standing upon completion of the degree. The name of the honor is decided by the unit.

Minimum criteria for honors are as follows:

- Cum Laude or Honors: 3.50 undergraduate and program grade point averages
- Magna Cum Laude or High Honors: 3.75 undergraduate and program grade point averages
- Summa Cum Laude or Highest Honors: 3.90 undergraduate and program grade point averages

In addition to these minimum criteria, units may specify additional requirements for grade point averages and additional work such as honors projects or honors theses. Students should consult their advisor concerning eligibility and requirements for graduation with academic honors. The dean's office will make any final decisions concerning eligibility.

Students who were admitted to the University Honors program may be eligible to graduate as an Honors Scholar. Students who complete the necessary coursework with the required GPA will earn the designation of University Honors Scholar on both their transcript and diploma. Students who earn this distinction are awarded a medal and recognized at an awards ceremony prior to university commencement.

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## Residency Requirements

Students earning baccalaureate degrees are required to complete at least 25 percent of the total credit hours required for the degree (including Cardinal Core credit hours) at the University of Louisville. Students earning baccalaureate degrees are also required to complete 30 of their last 36 semester hours at the University of Louisville. Students earning

associate degrees are required to complete a minimum of 15 of their last 18 semester hours at the University of Louisville. Additionally, transfer students must take a minimum of 12 credit hours in their major at the University.

## Catalog Year



The university issues a catalog annually in conjunction with the start of the summer term, and the degree requirements stated in the annual issue apply to all students who matriculate during that year. These requirements constitute the "catalog year" for those students and set their degree requirements as long as they are enrolled without a break of more than two calendar years. In other cases, a student may elect to follow the requirements of a later catalog year. The student's advisor will assist in identifying the need and benefit of such an election. The advisor must record this election in the student's permanent record.

Students may petition for a variance from the stated degree requirements of their catalog year. Any variance must be approved by the dean or unit advising director (for unit and major degree requirements) or the provost (for General Education or Cardinal Core requirements).

Students readmitted after an absence of two or more calendar years must reapply for admission. If readmitted, they are subject to the catalog year requirements in force at the time of their readmission.

## General Education: Cardinal Core Requirements

### Cardinal Core Purpose

Through the Cardinal Core program you will explore multiple areas of knowledge in new ways and develop core skills that will enable you to succeed in any degree program and prepare you to live and work in a dynamic, global society.

### Cardinal Core Overview

The Cardinal Core program at the University of Louisville prepares students to do the advanced work needed for their baccalaureate degrees and prepares them to contribute to society throughout their lives through their professional work and civic engagement. The program emphasizes the development of key intellectual skills relevant to any career path: critical thinking, quantitative reasoning, effective communication, and the understanding of historical, social, and cultural diversity.

Students develop skills and acquire knowledge in the content areas of arts and humanities, historical perspectives, oral communication, quantitative reasoning, social and behavioral sciences, natural sciences, written communication, and the competency area of diversity in the

United States and globally. Upon completion of the program, students are prepared to analyze complex problems and evaluate possible courses of action in an environment characterized by diversity and the need for sustainable solutions.

Students should demonstrate proficiency (through coursework or external credit) in the three skills areas (written communication, oral communication, and quantitative reasoning) before completing the first 30 degree-applicable credit hours earned at the University of Louisville. Within 60 hours, the student should have completed 21 hours of Cardinal Core courses.

The Cardinal Core program requires a minimum of 31 credit hours from approved course categories as outlined in the table below. Students must complete a minimum of 12 hours in the skills courses, a minimum of 19 hours in the disciplinary perspectives courses, and within the 31 hours, students must accumulate 6 hours in diversity credit.

Academic advisors can guide students in the selection of courses.

### Cardinal Core Content Areas and Required Credit Hours

Area	Hours
<b>Skills</b>	
Written Communication (WC)	6
Oral Communication (OC)	3
Quantitative Reasoning (QR)	3
<b>Disciplinary Perspectives</b>	
Arts & Humanities (AH) <sup>1</sup>	6
Social & Behavioral Sciences (SB)/Historical Perspective (SBH) <sup>2</sup>	6
Natural Sciences/Natural Sciences Lab (S, SL, B) <sup>3</sup>	7
<b>Diversity</b>	
U.S. Diversity (D1), 3 hours	
Global Diversity (D2), 3 hours	
The Diversity requirement does not add hours to the total Cardinal Core Program. Diversity requirements will be met by taking courses in other Cardinal Core categories that also carry the D1 or D2 designation.	
<b>Total Hours Required</b>	<b>31</b>

<sup>1</sup> Students must take at least 2 courses from different disciplines to satisfy the Arts & Humanities (AH) requirement.

<sup>2</sup> Students must take at least 2 courses from different disciplines –with a minimum of 3 hours in Historical Perspectives (SBH) coursework—to satisfy the Social & Behavioral Sciences (SB) and Historical Perspectives (SBH) requirement.

<sup>3</sup> Students must take a lecture and lab in a single discipline and an additional 3 hours in a second discipline to satisfy the Natural Sciences (S, SL, B) requirement.

NOTE: Students may take only one dual content area course (OC, WC, QR, SB, SBH, AH, S, SL, B). Diversity attributes (D1, D2) are not included in this restriction. Taking a dual content course allows a student to meet two Cardinal Core distribution requirements while only earning 4 hours toward the overall Cardinal Core required total of 31 hours. These students will need to take an additional Cardinal Core elective in any category to bring their total overall Cardinal Core course credits up to 31 hours.

For a list of approved Cardinal Core courses, please visit the Cardinal Core website (<http://louisville.edu/provost/ger/>).

## Cardinal Core Content Areas

### Written Communication

*Written communication is the ability to develop and express ideas, opinions, and information in appropriate written forms. To fulfill this requirement, students will complete a substantial amount of writing, including several texts that go through the writing process.*

**Requirement:** 6 hours (WC). The first 3 hours must be a writing course in or credit approved by the Department of English.

### Oral Communication

*Oral communication is the ability to convey ideas, emotions, and information through speech.*

**Requirement:** 3 hours (OC)

### Quantitative Reasoning

*Quantitative reasoning is concerned with solving real-world problems through mathematical methods.*

**Requirement:** 3 hours in quantitative reasoning (QR)

#### Disability Resource Center Assistance with QR Requirement

A student who believes that his or her inability to complete a course that fulfills the quantitative reasoning Cardinal Core requirement is a result of a disability should contact the Disability Resource Center (DRC), which will outline the process for documenting such a disability, explain what courses can be substituted if a disability is diagnosed, and will make clear to the student that such a substitution will make it impossible to take classes for which Cardinal Core quantitative reasoning courses are prerequisite, thus greatly limiting the majors the student can elect. All such courses of action must be approved by the provost.

### Arts and Humanities

*Arts and humanities are concerned with understanding of art, music, theatre, literature, philosophy, and religious thought.*

**Requirement:** 6 hours in the arts and/or humanities (AH), with at least two courses from different disciplines.

### Social and Behavioral Sciences

*Social and behavioral sciences are concerned with understanding human behavior, human interactions, human environment, and the related social structures and forms.*

*Historical perspective (SBH) is concerned with understanding change over time. Courses addressing this requirement cover a broad body of historical knowledge and compare different societies and cultures.*

**Requirement:** 6 hours (SB): At least two courses from different disciplines and 3 hours must be in Historical Perspective (SBH).

### Natural Sciences

*Natural sciences are concerned with understanding the laws of nature and the physical world.*

**Requirement:** 7 hours: lecture (S) and lab (SL) or combined lecture and lab (B) in a single discipline; an additional 3 hours in a second discipline.

## Competency in Diversity

*Diversity refers to the difference that differences make. All courses in diversity will examine the ways in which components of identity and social and material stratification positively or negatively affect life experiences, opportunities, and sense of belonging in national or global contexts.*

Students must take 6 hours in diversity, with 3 hours in U.S. diversity (D1) and 3 hours in global diversity (D2). The diversity requirements will be met by taking courses in other Cardinal Core categories that also carry the D1 or D2 designation. This requirement, therefore, does not add hours to the total Cardinal Core program.

- **U.S. Diversity**

*Courses in U.S. diversity (D1) will broaden students' understanding of how the experiences and opportunities of individuals and groups in the United States are shaped by the various historical, cultural and social structures and processes of stratification. These courses will center on race, socio-economic status, and gender, and/or their interactions with other social demographics.*

**Requirement:** 3 hours

- **Global Diversity**

*Courses in global diversity (D2) will broaden students' understanding of how the experiences and opportunities of individuals and/or groups in non-U.S. societies are shaped by the various historical, cultural and social structures and processes of stratification locally or globally.*

**Requirement:** 3 hours

### Petitions for Diversity (D) Credit

Students may receive one diversity credit by petitioning the Cardinal Core Curriculum Committee under the following claims.

#### **Diversity (D) Credit for Study Abroad Courses**

Students may petition for diversity (D) credit for coursework undertaken as part of a study-abroad program prior to participation. Courses not previously approved for Cardinal Core credit will not be accepted for diversity (D) credit even if they are part of a university-approved study-abroad program. Petitions must be submitted to the committee through the Cardinal Core website.

Detailed instructions are available on the Cardinal Core website (<http://louisville.edu/provost/ger/diversity/>).

#### **Diversity (D) Credit for Transfer Courses**

A student may petition the Cardinal Core Curriculum Committee to evaluate transfer courses identified by the Admissions Office as not equivalent to any existing approved diversity (D) course. The student requesting the evaluation must provide a catalog course description and a syllabus of the course.

Information on submitting a petition for transfer credit is available on the Cardinal Core website (<http://louisville.edu/provost/ger/diversity/>).

#### **Diversity (D) Credit for Military Experience**

A student may petition for diversity (D) credit based on military experience. The petition must include an essay identifying which form of diversity (D) credit is requested, describing and explaining how the experience met the learning outcomes of the diversity (D) competency.

Petitions must be submitted to the committee. Detailed instructions (including specifications of the essay, criteria for assessment of the essay, submission deadlines, and limits on the petition period) are available on the Cardinal Core website (<http://louisville.edu/provost/ger/diversity/>).

**Only one diversity credit (D1 or D2) may be earned by petition.**

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## Cardinal Core Guidelines

These rules provide guidelines and available options for student course selection for completion of the Cardinal Core (general education) requirements (effective summer 2018). In alignment with university policy, the requirements, rules, policies, and the associated course listing for Cardinal Core in this catalog are for summer 2020 through spring 2021 and apply to all students enrolled in the university during this period.

Questions concerning these guidelines can be addressed to [gecc@louisville.edu](mailto:gecc@louisville.edu) for the consideration of the committee.

### Course Substitutions and Appeals

Students, departments, and units may not attempt to substitute for a Cardinal Core approved course any University of Louisville course not on the Cardinal Core approved list. The Cardinal Core Curriculum Committee will not accept any appeal for such consideration.

### Transfer Students and Cardinal Core

#### **Kentucky General Education Transfer Policy**

Students who transfer between Kentucky's public institutions of higher education may qualify for certification of coursework meeting the Kentucky General Education Transfer Policy.

#### **General Education Category Certified**

Students who have completed some but not all of the five categories in the core component will be "category certified" for purposes of transfer. Individuals in this situation must fulfill all of the remaining general education requirements of the receiving institution that have not been satisfied through category certification. Students will still be required to complete 6 hours in courses designated diversity (D), with 3 hours in U.S. diversity (D1) and 3 hours in global diversity (D2).

### Statewide General Education Core Categories

#### **General Education Core Certified**

Students who have completed all of the categories – the core component – with a minimum of 30 unduplicated credit hours will be "core certified" for purposes of transfer. A student admitted to the university as core certified is considered to have met all general education requirements of the institution with the exception of the Diversity competency. Students will still be required to complete 6 hours in courses designated diversity (D), with 3 hours in U.S. diversity (D1) and 3 hours in global diversity (D2).

#### **General Education Fully Certified**

Students who have completed a general education program, with a minimum of 30 unduplicated semester credit hours or the equivalent

(may include an approved SACSCOC justification for fewer hours) which includes the core component and all additional institutional-specific general education courses, will be "General Education Fully Certified" for purposes of transfer. If the receiving institution's general education program requires a sum of hours that is less than the total the student has taken at the sending institution, the excess hours will be accepted for transfer by the receiving institution and evaluated for application toward degree requirements. There may be graduation requirements beyond general education requirements that a student will need to complete (e.g., senior year capstone experiences).

#### **AA/AS Credit for General Education**

Students who graduate from Kentucky public institutions with AA or AS degrees will be deemed to be General Education Fully Certified. Other students who present the transcript for an AA (Associate of Arts) and/or an AS (Associate of Science) degree from a regionally-accredited institution (not included in the Kentucky Public Transfer Policy) will be considered for General Education Core Certification. Transcripts for such consideration must show completion of at least one transferable course in each of the Cardinal Core content areas at the University of Louisville: Written Communication, Oral Communication, Quantitative Reasoning, Arts and Humanities, Social and Behavioral Sciences (including Historical Perspective), and Natural Sciences.

### **General Education Requirements for Second-degree Students**

For students already holding a baccalaureate degree but in residence to complete a second baccalaureate, the Cardinal Core requirements shall be considered fulfilled by the first baccalaureate degree.

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## **Cardinal Core Assessment**

Assessment of student learning outcomes is a national expectation in higher education and the expectations are calls for increased accountability. The Cardinal Core Curriculum Committee (CCCC) will conduct a systematic assessment of the Cardinal Core program for achievement of the student learning outcomes. In particular, the university-wide general education assessment program evaluates student performance in the key intellectual skills of the Cardinal Core program: critical thinking, quantitative reasoning, effective communication, and the understanding of historical, social, and cultural diversity. This process evaluates the effectiveness of the general education program and recommends changes for its improvement, as required by the Southern Association of Colleges and Schools' (SACSCOC) accreditation principles.

## **Graduation and Degree Requirements**

### **University Policies: Graduation and Degree Requirements**

The conferring of degrees by the University of Louisville is conditional upon completion of all requirements in the opinion of the unit faculty and dean, regardless of the students' participation in commencement.

Students are strongly urged to run preliminary degree audits on a regular basis so that possible deficiencies in degree requirements can be identified early.

## **Bachelor's Degree Requirements**

The baccalaureate degree (arts, fine arts, and science) is the undergraduate degree offered by the university. It is awarded to students who have completed both university-wide requirements and the requirements of the selected degree program. The following university-wide requirements apply to all baccalaureate degrees. The student must:

- Complete an online degree application by the specified date at the beginning of the semester of graduation.
- Complete an application for and be accepted for admission into a major program.
- Satisfy all Cardinal Core requirements.
- Complete all required courses and program requirements listed in the degree program section of this catalog.
- Have a cumulative university GPA of at least 2.00, or higher if specified by the program.
- Have a cumulative program GPA of at least 2.00, or higher if specified by the program.
- Complete a minimum of 120 hours applicable to the program, or more if required by the program.
- Complete at least 60 hours at an accredited four-year institution.
- Complete at least 25% of the total credit hours required for the degree in residence at the University of Louisville.
- Complete 30 of the last 36 hours in residence at the University of Louisville.
- Have neither missing nor outstanding I or X grades.
- Satisfy any additional requirements specified by the major program and unit.
- Be formally recommended for the baccalaureate degree by the unit faculty and dean and approved by the Board of Trustees.

## **Second Baccalaureates**

To be awarded a second bachelor's degree, students must earn a minimum of thirty additional semester hours in the program. For students pursuing two degrees simultaneously, these thirty hours will be added to the minimum total of semester hours needed for the degree requiring the least number of hours.

## **Minors**

Students who want to take a minor must apply for admission to the minor program after acceptance into a major program. The course work requirements for a minor are prescribed by a department or unit and consist of at least 18 semester hours. Most minor programs are open to students from all units.

Satisfactory completion of course work required for a minor will be certified as completion of the minor, and will be shown on the student's transcript only if the student's application has been accepted by the department or program offering the minor.

## **Unit-Specific Policies**

In addition to the university-wide policies regarding Graduation and Degree Requirements, students may be subject to the unit-specific requirements listed below.

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## **College of Arts and Sciences**

### **Minimum Hours**

Each student must earn a minimum of 121 semester hours of credit (unless a higher minimum is specified in a program of study). At least 50 of the total semester hours, whether required or elective, must be earned in courses numbered 300 or higher. A student who earns duplicate credit for courses will be required to complete more hours.

**Maximum Hours in Major**

No more than 40 hours of courses that count in the major field may be applied toward graduation by candidates for the BA degree. No more than 60 hours in the major field may be applied toward graduation by candidates for the BS degree. No more than 80 hours in Fine Art (courses designated ART and ARTH) may be applied toward the BFA in Fine Arts.

**Departmental Learning Outcomes Assessment**

Completion of a baccalaureate degree also requires students to submit work to the department of the major for the department's Learning Outcomes Measurement. Details about the specific requirements and deadlines of an individual department are available in the department office. Students are advised to make themselves aware of these requirements as early as possible in their academic careers.

**Requirements for Minors**

The course work requirements for a minor consist of 18-23 semester hours. A maximum of 3 hours of pass-fail work may be applied. Students may elect a major and a minor in the same department only if there is more than one degree program in that department and if the major and minor are in two different programs of the department. Students who elect a minor and a major in the same department are cautioned that no more than 40 hours of courses with the same departmental designation that count in the major may be applied toward the 121 hours minimum for a BA degree and no more than 60 hours with the same departmental designation may be applied toward the 121 hours minimum for a BS degree. Students also are cautioned that completion of the major, which is required for all degrees, and completion of the minor, which is optional, may require the student to complete more than the 121 semester hours minimum required for a baccalaureate degree. Courses required for the minor may be used to fulfill other degree requirements.

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**College of Business****Minimum Hours**

Required hours exclude non-academic credits (all remedial course work including Reading, English, and Math courses numbered 100 or below). Students pursuing a second bachelor's degree must be admitted to the College of Business in degree status, must earn a minimum of 30 hours beyond their last degree and fulfill all program and GPA requirements of the second degree.

**Upper-Level Hours**

At least 48 of the total semester hours, whether required or elective, must be earned in courses numbered 300 or higher. Note that the number of the course, not the student's classification, determines whether or not a course is senior-level.

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**College of Education & Human Development**

The baccalaureate degrees offered by the College of Education and Human Development include minimum requirements for completion and graduation.

**Organizational Leadership and Learning**

The following requirements apply to the BS degree in Organizational Leadership and Learning:

- At least 50 of the hours for the degree must be upper-level hours (300 level and above).
- 2.25 overall grade point average and 2.50 grade point average in the major.
- University policy mandating that 30 of the last 36 hours must be taken in residence does not apply to distance education students or active-duty military personnel in the OLL program.
- A grade of C or better is required in all professional education courses. C-minus is not acceptable.
- Students admitted to the OLL Healthcare Leadership track must maintain a 2.7 overall grade point average as well as a 3.3 grade point average in the major. Students are required to earn a B+ or better in each major course. For additional policies regarding this Competency-Based Education program: [\*Organizational Leadership and Learning with a Track in Healthcare Leadership \(BS\)\*](#).

**Health and Human Performance**

Students must complete at least 45 of the credit hours for the degree at the University of Louisville with a minimum cumulative university grade point average of 2.25. Students must have completed HSS 184 and HSS 320 with a grade of B-minus or higher and HSS 202 with a grade of C or higher.

**Sport Administration**

Students must complete at least 45 of the credit hours for the degree at the University of Louisville with a minimum cumulative university grade point average of 2.50. Students must have completed SPAD 281 and SPAD 284 with a grade of C or better (C-minus will not be accepted). Students must not have earned any grades of D in SPAD courses required for the major.

The minimum requirements for completion of the degree are:

- A total of 123 hours with at least 50 upper-level hours (300-level and above)
- 2.25 overall grade point average

**Early Elementary Education**

The following degree requirements apply to the BS degree in Early Elementary Education:

- A minimum total of 125 hours with at least 50 upper-level hours (300-level and above)
- 2.75 overall grade point average
- 3.0 grade point average in program education courses
- Satisfactory work sample

**Middle/Secondary Education**

The following degree requirements apply to the BS degree in Middle/Secondary Education:

- A minimum total of 125 hours with at least 50 upper-level hours (300-level and above)

- 2.50 grade point average in content area.
- 3.0 grade point average in program education courses.
- Satisfactory teacher performance assessment (TPA)

Please note that students must be formally admitted to the teacher education program for Early Elementary or Middle/Secondary Education. Please contact Education Advising and Student Services for further information.

#### Requirements for Minors

A grade point average of 2.50 is required to earn the Exercise Science minor. A grade point average of 2.25 is required to earn the Sport Administration minor. No grades of D are allowed in any coursework used to complete any HSS minor.

#### Application for Teacher Certification

Students seeking teacher certification upon completion of degree and/or program requirements, must apply through the College of Education Advising and Student Services office to the Kentucky Professional Standards Board to receive the teaching certificate. Consult Education Advising and Student Services office for information.

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### Kent School of Social Work

Kent students participating in commencement will receive a generic letter stating that they have met the requirements of the BSW degree. This letter is an official letter that can be given to employers, for possible employment benefits. Students not attending commencement will NOT receive such a letter. Official degrees take up to six weeks to show on student transcripts. No personal letters for licensure or employment purposes can be given to students. These letters can also not be given before commencement due to specific university restrictions. Students should plan licensure exams or employment dates to accommodate this six-week delay after commencement to get an official transcript showing a degree.

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### School of Music

#### Minimum Hours and Point Standing

To be recommended for a degree or minor in Music, the student must have completed the prescribed number of hours in the courses taken and must have a 2.5 grade point average.

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### School of Nursing

A candidate for the Bachelor of Science in Nursing in the traditional BSN program must have satisfactory completion of the required BSN courses with a minimum undergraduate cumulative and program grade point average of 2.5; a minimum university GPA of 2.0 in all coursework is required. A minimum letter grade of C is required in all nursing courses (NURS).

A candidate for the Bachelor of Science in Nursing in the RN-BSN program must have satisfactory completion of the required BSN courses and earned a minimum university and program grade point average of 2.0. A minimum letter grade of C is required in all nursing courses (NURS).

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### J.B. Speed School of Engineering

#### Graduation and Degree Requirements

Degree requirements for all BS degrees granted by the J.B. Speed School of Engineering will be based upon the course requirements that are in effect at the time of admission to the School of Engineering. If an applicant has been admitted several times, the degree requirements in effect at the most recent time of admission will apply.

The following graduation and degree requirements apply to all BS engineering degrees. The student must:

- Have credit for each of the three cooperative education work terms
- Have a cumulative university GPA of at least 2.25 and have a cumulative program GPA of at least 2.25

#### Second Bachelor's Degree

In addition to the requirements set by the university, satisfaction of the requirements for co-op must have approval of both departments.

## Graduation with Academic Honors



## University Policies: Graduation with Academic Honors

Baccalaureate degree students who have earned a minimum of 60 hours of letter-graded (i.e., not Pass/Fail) degree credit in residence at the University of Louisville will be eligible for consideration to graduate with honors. Students who have re-entered the university under the fresh-start policy must have earned at least 60 letter-graded credit hours since their return to be considered for academic honors.

Commencement programs will list eligible students as "Candidates for Honors" based on their having earned both undergraduate and program grade point averages of 3.5 or higher prior to the semester preceding graduation. Final determination of a student's eligibility to graduate with academic honors will be based on the student's standing upon completion of the degree. The name of the honor is decided by the unit.

Minimum criteria for honors are as follows:

- Cum Laude or Honors: 3.50 undergraduate and program grade point averages
- Magna Cum Laude or High Honors: 3.75 undergraduate and program grade point averages
- Summa Cum Laude or Highest Honors: 3.90 undergraduate and program grade point averages.

In addition to these minimum criteria, units may specify additional requirements for grade point averages and additional work such as honors projects or honors theses. Students should consult their advisor concerning eligibility and requirements for graduation with academic honors. The dean's office will make any final decisions concerning eligibility.

Students who were admitted to the University Honors program may be eligible to graduate as an Honors Scholar. Students who complete the necessary coursework with the required GPA will earn the designation of University Honors Scholar on both their transcript and diploma. Students who earn this distinction are awarded a medal and recognized at an awards ceremony prior to university commencement.

## Unit-Specific Policies

In addition to the university-wide policies regarding Graduation with Academic Honors, students may be subject to the unit-specific requirements listed below.

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### College of Arts & Sciences

In determining eligibility for graduation with College Honors, the College takes into consideration not only the university cumulative grade point average (which must be at least 3.5), but also an "expanded cumulative grade point average" which is calculated only for the purpose of determining eligibility for graduation with College Honors.

The "expanded grade point average" is calculated based on grades earned in all college-level work. In the case of repeated courses, both the original grade and credit hours and the replacement grade and credit hours will be included in the calculation. Similarly, grades and credit hours excluded from the university grade point average through application of the academic bankruptcy provision and the Fresh Start program will be included in determining a student's expanded grade point average. In the case of work done at other institutions, all grades and credit hours in all degree-applicable courses will be included in determining a student's expanded grade point average.

Students should consult their advisor with any questions concerning eligibility and requirements for graduation with College Honors.

The minimum grade point average requirements for graduation with College Honors are:

**Cum Laude:** 3.50

**Magna Cum Laude:** 3.75 with no College honors thesis; 3.65 with College honors thesis

**Summa Cum Laude:** 3.75 with College honors thesis

All senior honors theses must be approved by the College of Arts & Sciences' Honors Thesis Committee.

Further information about the requirements to graduate magna cum laude or summa cum laude—including eligibility, deadlines for the proposal, the completed project, and the defense of the project—can be found on the University Honors Program website (<http://louisville.edu/honors/>).

## College of Business

Students pursuing a double major must have the appropriate minimum GPAs in both majors to receive their degree with honors, high honors, or highest honors.

Alternatively, students may graduate with Highest Honors with a thesis project and the following GPA requirements: 1) a minimum of 3.75 University and program GPA at the beginning of the semester in which the student plans to graduate, and 2) the 3.75 minimum university and program GPA must be maintained through the final semester prior to graduation. With this path, students must write a thesis in their major, according to the following procedures:

1. Prior to the beginning of the student's final semester, he or she must contact the discipline Department Chair and initiate a request to be a candidate for graduation with highest honors.
2. The Chair will establish an Honors Committee of three faculty members. In consultation with the Honors Committee, the Chair will prepare a schedule of activities to help the candidate complete the thesis in a timely manner.
3. The Honors Committee will consult with the candidate and agree on a topic. The candidate will prepare the thesis according to the general requirements set up by the Honors Committee.
4. The candidate will submit the final draft of the thesis by the deadline set out in the initial schedule of activities. The Honors Committee will review the thesis on the basis of grammatical accuracy, substantive contribution, and response to the Committee's input. If the Committee chooses, it may conduct an oral examination of the candidate.
5. After reviewing the thesis, the Honors Committee will forward a positive or negative recommendation and a copy of the thesis to the Chair. To be acceptable, the thesis must be approved by all three members of the Honors Committee with the concurrence of the Chair. A candidate may appeal a negative decision to the COB Undergraduate Studies Committee. The thesis, along with the recommendations of the Honors Committee and Chair, will be forwarded to the Associate Dean for Undergraduate Programs no less than three weeks before the end of the semester in which the candidate is to graduate. It will be retained there in either a public or confidential file, as designated by the candidate. The discipline advisor will also be notified of the decision as the responsible party for notifying the Registrar's Office.

### Honors Scholar in Business

To graduate as an Honors Scholar in Business, a COB student must complete at least 24 hours of honors courses with at least 18 hours in the COB; at least 12 hours at the 300 level or above; and at least two upper-level seminar courses (or one seminar plus a senior thesis), at least one of which must be non-business. The student's final university GPA must be 3.5 or higher.

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### College of Education & Human Development

In order to be eligible to receive a degree with the distinction of Cum Laude, Magna Cum Laude or Summa Cum Laude, a student must earn:

**Cum Laude:** 3.50 university and program GPA

**Magna Cum Laude:** 3.75 university and program GPA

**Summa Cum Laude:** 3.90 university and program GPA and Honors project as outlined below. In order for a student to be eligible to receive a degree with the distinction of Summa Cum Laude, the student must have the recommendation of the major program faculty indicating an outstanding level of competence in the various phases of field experience as well as in all academic work.

"Program GPA" is defined as follows:

- HSS degrees: all degree-applicable HSS and SPAD courses
- Teaching and Learning degrees: all degree-applicable EDTP and EDSP courses
- Organizational Leadership and Learning degrees: all degree-applicable LEAD/ELFH courses.

Only credit earned at the University of Louisville will be used in calculating grade point averages used in decisions regarding honors.

#### **Guidelines for Graduating Summa Cum Laude**

Students intending to graduate with the distinction of Summa Cum Laude must submit a proposal and present a final paper or project based on the guidelines developed by the College of Education and Human Development Honors and Scholarship Committee. The proposal must be approved by the Committee according to the following schedule:

- May degree applicant: Prior to September 30
- August degree applicant: Prior to October 15
- December degree applicant: Prior to March 30
- Detailed guidelines and forms are available at [louisville.edu/education/advising/graduate-with-honors](http://louisville.edu/education/advising/graduate-with-honors) (<http://louisville.edu/education/advising/graduate-with-honors/>).

Each student must select a faculty sponsor for assistance and guidance in preparing the proposal and the final project/paper. The final project/paper must be approved by the Honors and Scholarship Committee according to the following schedule:

- May degree applicant: Prior to March 31
- August degree applicant: Prior to April 30
- December degree applicant: Prior to November 30

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## **Speed School of Engineering**

In order to be eligible to graduate with Honors, High Honors, or Highest Honors, students must have completed at least one-half of the credit hours required in their undergraduate degree program while enrolled in the J.B. Speed School of Engineering.

## **Residency Requirements**

Students earning baccalaureate degrees are required to complete at least 25 percent of the total credit hours required for the degree (including Cardinal Core credit hours) at the University of Louisville. Students earning baccalaureate degrees are also required to complete 30 of their last 36 semester hours at the University of Louisville.

Students earning associate degrees are required to complete a minimum of 15 of their last 18 semester hours at the University of Louisville.

Additionally, transfer students must take a minimum of 12 credit hours in their major at the University of Louisville.

## **Student Records, Rights and Responsibilities**

Information on policies related to student records, student rights and student responsibilities at the University of Louisville can be found on this page or by clicking on the following links to topic-specific pages:

- Academic Grievances (p. 82)
- Classification of Students (p. 82)
- Code of Student Conduct (p. 82)
- Code of Student Rights and Responsibilities (p. 83)
- Religious Days and Observances (p. 84)
- Student Records (p. 84)

***These policies are effective for Academic Year 2021-2022 (Summer 2021 semester).*** Students enrolled in a term before this effective semester should consult with an advisor in their enrollment unit (<http://louisville.edu/advising/centers/>) if they feel that they are disadvantaged by any change from previous policies.

Previous catalogs are available via the archive page of this catalog (p. 958).

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## **Student Rights and Responsibilities**

### **Academic Grievances**

The academic grievance procedure is designed to provide fair means of dealing with student complaints regarding a specific action or decision made by the faculty or a faculty member.

*"Students who believe they have been treated unfairly, discriminated against, or have had their rights abridged may initiate a grievance"*  
(The Redbook, Section 6.8.1).

Detailed information on how to submit and pursue a grievance can be found on the Office of the Provost website (<https://www.louisville.edu/provost/redbook/>).

### **Code of Student Conduct**

The University's Code of Student Conduct is the University's policy regarding non-academic discipline of students and student organizations. Academic discipline of students is not covered by the Code, but rather falls within the authority of the individual academic units of the University.

Students are responsible for reading and abiding by the Code of Student Conduct.

The Code of Student Conduct can be found on the Dean of Students website (<https://louisville.edu/dos/students/studentrightsandresponsibilities/>).

### **Code of Student Rights and Responsibilities**

The Code of Student Rights and Responsibilities is set forth in writing to provide students general notice of their rights and responsibilities at the University of Louisville. Further rights and responsibilities are set forth in other University rules and policies, including the Code of Student

Conduct, Student Handbook, Residence Hall contracts, graduate and undergraduate catalogs and academic unit websites. It is the students' responsibility to be aware of all University rules and policies; students should check with the Dean of Students Office and with their academic units if they have any questions about the purposes or intent of these policies.

The Code of Student Rights and Responsibilities contains statements regarding the following:

- Admission and Financial Aid
- Class Rights and Responsibilities
- Academic Dishonesty
- Discipline Procedures for Academic Dishonesty
- Freedom of Expression
- Student Press
- University Facilities
- Use of University Name and Insignia
- Campus Residence Facilities
- FERPA/Privacy Guidelines
- Recognized Student Organizations
- Promulgation of University Rules Affecting Students

The Code of Student Rights and Responsibilities can be found on the Dean of Students website (<https://louisville.edu/dos/students/studentrightsandresponsibilities/>).

## Work-Restricted Religious Observances/Holy Days

Federal law and university policy prohibit discrimination on the basis of religious belief. It is the policy of the University of Louisville to accommodate students, faculty, and staff who observe religious work-restricted holy days.

Students who observe work-restricted religious holy days must be allowed to do so without jeopardizing their academic standing in any course. Faculty are obliged to accommodate students' request(s) for adjustments in coursework on the grounds of religious observance, provided that the student(s) make such request(s) in writing two (2) weeks prior to the anticipated absence.

Deans and department chairs must investigate and resolve student complaints arising from alleged faculty failure to make reasonable accommodations under these guidelines.

Faculty and staff supervisors are directed to accommodate requests for absence for work-restricted religious holy days, unless it would cause an undue hardship. Further, whether the holy days are work-restricted or not, supervisors of faculty and staff should be sensitive to requests for accommodations.

### Definition of Religious Observance/Work-restricted Holy Day

A recognized denominational sacred or holy day that is observed by persons or groups who are required—through a set or system of religious beliefs, laws/doctrines, tenets, canons or theology—to restrict or limit work and/or physical or mental activity directed toward the production or accomplishment of something; toil; labor.

This definition may include academic endeavors (e.g., examinations, classroom activities and research, or out-of-classroom learning experiences).

There is a distinction between religious holy days, sectarian holidays, and ethnic holidays and festivals which are routinely celebrated in the United States of America—e.g., Christmas, Thanksgiving, New Year's Day—and religious work-restricted holy days which are based upon religious tenets, laws, and/or doctrine—e.g., Yom Kippur, portions of Ramadan, or a work-restricted Sabbath.

Individuals who observe and/or follow these religious work-restricted holy days are not permitted to engage in day-to-day occupations, work, or attend school, including taking examinations or performing other routine commitments. Observances/practices vary from culture to culture within and across denominations.

While there are no work-restricted holy days within the Christian faith by tenet, Easter and Christmas often are considered to be non-work days by custom.

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## Student Records

### Privacy of Student Records (FERPA)

The University of Louisville hereby notifies students concerning the Family Educational Rights and Privacy Act of 1974. This act, with which the institution intends to comply fully, was designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate or misleading information. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office, Department of Education, concerning alleged failures by the institution to comply with the act.

The University has adopted a policy which explains the procedures to be used by the university for compliance with the provisions of the act and the regulations adopted pursuant thereto. Copies of the policy and other FERPA information can be obtained online at [louisville.edu/library/archives/stupriv](https://louisville.edu/library/archives/stupriv) (<https://library.louisville.edu/archives/ferpa/>).

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Director, University Archives and Records Center, Ekstrom Library.

### Student Information System

The Student Information System (SIS) is the electronic system that is used to register students and record their grades. It is from this system that transcripts are produced for students completing coursework at the university beginning with the 1982 fall semester.

### Classification of Students

Undergraduate students are admitted to an undergraduate enrollment unit and classified as follows:

- **Full-time students:** students who are registered for 12 or more semester hours in a regular school session.
- **Part-time students:** students who are registered for fewer than 12 semester hours in a regular school session.
- **Regular students:** students who have satisfied the admissions requirements for the academic unit in which they are enrolled. Special students: students who do not satisfy the admissions requirements for the academic unit in which they are enrolled, but who are admitted by special consent.
- **Visiting students:** students regularly enrolled in other institutions who desire to register in one of the academic units

of the University for one semester. Visiting students must be in good standing in their regular college or university.

- **Post-baccalaureate:** students holding baccalaureate degrees and taking further undergraduate work.
- **Auditors:** students enrolled in a class or classes on a noncredit basis.
- **Freshmen:** students who have fewer than 30 semester hours of credit.
- **Sophomores:** students who have 30 or more, but fewer than 60 semester hours of credit.
- **Juniors:** students who have 60 or more, but fewer than 90 semester hours of credit.
- **Seniors:** students who have 90 or more semester hours of credit but have not received baccalaureate degrees.

## Change of Address

Students requiring address changes during and between terms can make the adjustments via the web through Ulink. Under the heading “Personal Information”, select “home and mailing addresses”, then select “edit.”

Students may also go directly to the registrar’s office, room 31, Houchens building, and submit their new address in person. Address changes will also be accepted by calling the registrar’s office at (502) 852-6522. Verification of student personal identification number will be required.

## Email Notification

The university will use the university email system to remind students of some academic and financial deadlines as well as notification of canceled courses. Students are expected to check campus email regularly and are responsible for the information conveyed through university email.

## Academic Grievances



The academic grievance procedure is designed to provide fair means of dealing with student complaints regarding a specific action or decision made by the faculty or a faculty member.

“Students who believe they have been treated unfairly, discriminated against, or have had their rights abridged may initiate a complaint or grievance within one year from the event.”

*The Redbook*, Section 6.8.1

Detailed information on how to submit and pursue a grievance can be found in *The Redbook*, Section 6.8.1, and on the Student Grievance Officer’s website (<https://louisville.edu/dos/students/studentpoliciesandprocedures/student-grievance/>).

## Classification of Students



Undergraduate students are admitted to an undergraduate enrollment unit and classified as follows:

- **Full-time students:** students who are registered for 12 or more semester hours in a regular school session.
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- **Regular students:** students who have satisfied the admissions requirements for the academic unit in which they are enrolled.
- **Special students:** students who do not satisfy the admissions requirements for the academic unit in which they are enrolled, but who are admitted by special consent.
- **Visiting students:** students regularly enrolled in other institutions who desire to register in one of the academic units of the University for one semester. Visiting students must be in good standing in their regular college or university.
- **Post-baccalaureate:** students holding baccalaureate degrees and taking further undergraduate work.
- **Auditors:** students enrolled in a class or classes on a noncredit basis.
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- **Sophomores:** students who have 30 or more, but fewer than 60 semester hours of credit.
- **Juniors:** students who have 60 or more, but fewer than 90 semester hours of credit.
- **Seniors:** students who have 90 or more semester hours of credit but have not received baccalaureate degrees.

## Code of Student Conduct



## Code of Student Conduct

The university's Code of Student Conduct (<https://louisville.edu/dos/students/codeofconduct/>) ("The Code") is the University's policy regarding non-academic discipline of students and student organizations. Academic dishonesty is not covered by this Code, but rather falls within the authority of the individual academic units of the University. Students have the responsibility to follow all regulations outlined in this policy.

The primary purpose for the Code in the university setting is to respond to incidents of non-academic misconduct in a way that is developmentally sound and which creates an environment in which all members of the academic community can live, work, and learn together. The Code is designed to provide educational guidance to those choosing to develop into good citizens and, at the same time, to respond appropriately to behavior which may be inconsistent with university policies.

Criminal and civil codes are undesirable models for student conduct codes. Unlike society, the University of Louisville is a voluntary association of scholars who demand and deserve a positive and special learning environment, as well as an approach for enforcing the community's standards. The University of Louisville is a community dedicated to the principles of free expression in which diverse views are encouraged and embraced. Opinions that may be unpopular and/or contrary to the University's values and objectives, but do not otherwise violate policy, will not result in sanctions from the University.

The university's Code of Student Conduct is set forth in writing in order to give students general notice of non-academic prohibited conduct. The Code should be read broadly and is not designed to define non-academic misconduct in exhaustive terms. The Vice Provost for Student Affairs (VPSA) or designee is the final authority in defining and interpreting the Code of Student Conduct and conduct procedures. The university reserves the right to amend the Code of Student Conduct at any time.

The Code can be found at the Dean of Students website (<https://louisville.edu/dos/students/codeofconduct/>) or by contacting the Dean of Students Office in SAC W301 or by phone at (502) 852-5787.

## Code of Student Rights and Responsibilities



## Code of Student Rights and Responsibilities

The Code of Student Rights and Responsibilities is set forth in writing to provide students with general notice of their rights and responsibilities at the University of Louisville. Further rights and responsibilities are set forth in other University rules and policies, including the Code of Student

Conduct, Student Handbook, Residence Hall contracts, graduate and undergraduate catalogs, and academic unit websites. It is the students' responsibility to be aware of all University rules and policies; students should check with the Dean of Students Office and with their academic units if they have any questions about the purposes or intent of these policies.

The Code of Student Rights and Responsibilities (<http://louisville.edu/dos/students/studentrightsandresponsibilities/>) is located on the Dean of Students website (<https://louisville.edu/dos/>).

### Student Handbook

Other policies and information for students can be found in the online Student Handbook (<http://louisville.edu/dos/students/studentpoliciesandprocedures/student-handbook/>).

### Student Advocacy and Support

The Student Advocate helps students navigate educational, personal, and other campus obstacles that impact successful completion of their academic goals. The Student Advocate links students with appropriate university and community resources and follows through to assist with student concerns while collaborating with faculty and staff in the best interest of the students.

At times, students may experience a variety of issues that impact their ability to be academically successful, such as illness, death of an immediate family member, accident, critical issues such as sexual assault, harassment, domestic violence, or other emergency situations. The Student Advocate works with students and their families to resolve issues by identifying options and strategies and offering information and guidance. During difficult times, students should be empowered with the resources to make informed decisions and take a proactive role in the problem resolution process.

The Student Advocate is located in the Dean of Students Office, SAC W301. For assistance, please contact the Student Advocate at [advocate@louisville.edu](mailto:advocate@louisville.edu) or call (502) 852-5787 to schedule an appointment.

### Student Grievance Officer

Students who have complaints, grievances, or concerns regarding courses taken at the University of Louisville or other university policies or services should contact the Student Grievance Officer to have the issues resolved in an expeditious, fair, and amicable manner. Students should first seek to resolve their complaints through informal discussion and administrative channels. The same resources are provided to on-campus and off-campus students.

The Student Grievance Officer (<https://louisville.edu/dos/students/studentpoliciesandprocedures/student-grievance/>) is responsible for informing students of their rights and obligations under the university's Student Grievance Procedures (<http://louisville.edu/provost/redbook/contents.html/chap6.html#ART68>). The Student Grievance Officer will seek to resolve informally as many grievances as possible. For assistance, please contact Dr. Joy Hart at [joy.hart@louisville.edu](mailto:joy.hart@louisville.edu).

## Religious Days and Observances



### Work-Restricted Religious Observances/Holy Days

Federal law and university policy prohibit discrimination on the basis of religious belief. It is the policy of the University of Louisville to accommodate students, faculty, and staff who observe religious work-restricted holy days.

Students who observe work-restricted religious holy days must be allowed to do so without jeopardizing their academic standing in any course. Faculty are obliged to accommodate students' request(s) for adjustments in coursework on the grounds of religious observance, provided that the student(s) make such request(s) in writing two (2) weeks prior to the anticipated absence.

Deans and department chairs must investigate and resolve student complaints arising from alleged faculty failure to make reasonable accommodations under these guidelines.

Faculty and staff supervisors are directed to accommodate requests for absence for work-restricted religious holy days, unless it would cause an undue hardship. Further, whether the holy days are work-restricted or not, supervisors of faculty and staff should be sensitive to requests for accommodations.

### Definition of Religious Observance/Work-restricted Holy Day

A recognized denominational sacred or holy day that is observed by persons or groups who are required—through a set or system of religious beliefs, laws/doctrines, tenets, canons or theology—to restrict or limit work and/or physical or mental activity directed toward the production or accomplishment of something; toil; labor.

This definition may include academic endeavors (e.g., examinations, classroom activities and research, or out-of-classroom learning experiences).

There is a distinction between religious holy days, sectarian holidays, and ethnic holidays and festivals which are routinely celebrated in the United States of America—e.g., Christmas, Thanksgiving, New Year's Day—and religious work-restricted holy days which are based upon religious tenets, laws, and/or doctrine—e.g., Yom Kippur, portions of Ramadan, or a work-restricted Sabbath.

Individuals who observe and/or follow these religious work-restricted holy days are not permitted to engage in day-to-day occupations, work, or attend school, including taking examinations or performing other routine commitments. Observances/practices vary from culture to culture within and across denominations.

While there are no work-restricted holy days within the Christian faith by tenet, Easter and Christmas often are considered to be non-work days by custom.

## Student Records



## Student Records

### Privacy of Student Records (FERPA)

The University of Louisville hereby notifies students concerning the Family Educational Rights and Privacy Act of 1974. This act, with which the institution intends to comply fully, was designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate or misleading information. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office, Department of Education, concerning alleged failures by the institution to comply with the act.

The University has adopted a policy which explains the procedures to be used by the university for compliance with the provisions of the act and the regulations adopted pursuant thereto. Copies of the policy and other FERPA information can be obtained online at [louisville.edu/library/archives/stupriv](https://library.louisville.edu/archives/stupriv) (<https://library.louisville.edu/archives/ferpa/>).

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Director, University Archives and Records Center, Ekstrom Library.

### Student Information System

The Student Information System (SIS) is the electronic system that is used to register students and record their grades. It is from this system that transcripts are produced for students completing coursework at the university beginning with the 1982 fall semester.

### Change of Address

Students requiring address changes during and between terms can make the adjustments via the web through Ulink. Under the heading "Personal Information," select "home and mailing addresses," then select "edit."

Students may also go directly to the registrar's office, room 31, Houchens building, and submit their new address in person. Address changes will also be accepted by calling the registrar's office at (502) 852-6522. Verification of student personal identification number will be required.

### Email Notification

The university will use the university email system to remind students of some academic and financial deadlines as well as notification of cancelled courses. Students are expected to check campus email

regularly and are responsible for the information conveyed through university email.

## Academic Unit Information



The University of Louisville has nine colleges and schools that offer degree programs at the undergraduate level:

- College of Arts and Sciences (p. 85)
- College of Business (p. 90)
- College of Education and Human Development (p. 93)
- J.B. Speed School of Engineering (p. 96)
- Raymond A. Kent School of Social Work and Family Science (p. 101)<sup>1</sup>
- School of Dentistry (p. 103)
- School of Music (p. 105)
- School of Nursing (p. 107)
- School of Public Health and Information Sciences (p. 110)

The Graduate School, Louis D. Brandeis School of Law, and the School of Medicine only offer credentials at the graduate and/or professional levels.

<sup>1</sup> Name change effective January, 2022.

## College of Arts and Sciences



### College of Arts and Sciences

Gardiner Hall, 2nd Floor  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-6490

Email: [asdean@louisville.edu](mailto:asdean@louisville.edu)

Website: [louisville.edu/artsandsciences](https://louisville.edu/artsandsciences) (<https://louisville.edu/artsandsciences/>)

Social: Facebook (<https://www.facebook.com/UofLASThinker/>),  
Twitter (<https://twitter.com/uoflasthinker/?lang=en>), Flickr (<http://www.flickr.com/photos/artsandsciences/>)

## About the College

A college of arts and sciences is central to the fulfillment of the purposes of higher education. Undergraduate study in a liberal arts college is designed to develop the whole person through the free inquiry that trains the mind for critical analysis and aesthetic appreciation. A liberal education begins with introductory studies in the natural sciences, social sciences, and humanities; its end is the development of the intellect to its full potential. Liberal education is a lifelong endeavor, and the goal of a college of arts and sciences is to ensure that the opportunities exist for a substantial beginning to this process.

The College of Arts and Sciences (<http://louisville.edu/a-s/>) of the University of Louisville is founded on these traditional principles, interwoven with the special role of an urban university. As the college which offers the most comprehensive undergraduate programs and several graduate programs, the College of Arts and Sciences has an integral role in the fulfillment of the university's mission by integrating urban-related courses within the foundation of a liberal education.

The theoretical and practical knowledge in the College's baccalaureate programs is generally regarded as excellent preparation for many careers that do not require professional or advanced degrees and is the academic foundation for most students who enter master's and doctoral graduate programs. The College also provides the liberal arts academic base for students who later attend the professional schools. In addition to the undergraduate curriculum, most departments in the College offer programs leading to the master's degree and eleven departments offer doctoral degrees.

A university is expected to advance the theories and application of knowledge. This expectation is fulfilled primarily by the creative research of its faculty. This creativity is related directly to the role of teacher, for it ensures that the College's students learn from enthusiastic and excellent faculty members who advocate the principle of lifelong inquiry.

The College's allegiance to the traditions of a liberal education does not end with the preservation of its history or its traditional programs. The vitality of the College is found in its continuing re-examination of itself, and in its willingness to change when change would further the welfare of its students, its faculty, and its community.

## Structure

The College of Arts and Sciences has a division of humanities, a division of natural sciences, and a division of social sciences. These divisions represent the disciplines which collectively make up the liberal arts and sciences. Each division contains departments which offer programs in specific disciplines. In addition to these departments, the College has a number of interdisciplinary programs which involve faculty and coursework from several disciplines.

## Departments and Programs of the College of Arts and Sciences

Humanities Division	Natural Sciences Division	Social Sciences Division
Classical and Modern Languages ( <a href="http://louisville.edu/modernlanguages/">http://louisville.edu/modernlanguages/</a> )	Aerospace Science ( <a href="http://louisville.edu/afrotc/">http://louisville.edu/afrotc/</a> )	Anthropology ( <a href="http://louisville.edu/anthropology/">http://louisville.edu/anthropology/</a> )
Comparative Humanities ( <a href="http://louisville.edu/humanities/">http://louisville.edu/humanities/</a> )	Biology ( <a href="http://louisville.edu/biology/">http://louisville.edu/biology/</a> )	*Asian Studies ( <a href="http://louisville.edu/asianstudies/">http://louisville.edu/asianstudies/</a> )
English ( <a href="http://louisville.edu/english/">http://louisville.edu/english/</a> )	Chemistry ( <a href="http://louisville.edu/chemistry/">http://louisville.edu/chemistry/</a> )	Communication ( <a href="http://comm.louisville.edu/department/">http://comm.louisville.edu/department/</a> )
Fine Arts ( <a href="http://louisville.edu/art/">http://louisville.edu/art/</a> )	Mathematics ( <a href="http://www.math.louisville.edu">http://www.math.louisville.edu</a> )	Criminal Justice ( <a href="http://louisville.edu/justice/">http://louisville.edu/justice/</a> )
Philosophy ( <a href="http://louisville.edu/philosophy/">http://louisville.edu/philosophy/</a> )	Military Science ( <a href="http://louisville.edu/armyrotc/">http://louisville.edu/armyrotc/</a> )	*Geographic and Environmental Sciences ( <a href="http://louisville.edu/geography/">http://louisville.edu/geography/</a> )
Theatre Arts ( <a href="http://louisville.edu/theatrearts/">http://louisville.edu/theatrearts/</a> )	*Neuroscience ( <a href="http://louisville.edu/psychology/">http://louisville.edu/psychology/</a> )	History ( <a href="http://louisville.edu/history/">http://louisville.edu/history/</a> )
	Physics and Astronomy ( <a href="http://www.physics.louisville.edu">http://www.physics.louisville.edu</a> )	*Latin American and Latino Studies Program ( <a href="http://louisville.edu/latinamericanstudies/">http://louisville.edu/latinamericanstudies/</a> )
		*Pan-African Studies ( <a href="http://louisville.edu/panafricanstudies/">http://louisville.edu/panafricanstudies/</a> )
		Political Science ( <a href="http://louisville.edu/politicalscience/">http://louisville.edu/politicalscience/</a> )
		Psychological and Brain Sciences ( <a href="http://louisville.edu/psychology/">http://louisville.edu/psychology/</a> )
		Sociology ( <a href="http://louisville.edu/sociology/">http://louisville.edu/sociology/</a> )
		*Sustainability ( <a href="http://louisville.edu/upa/programs/bachelors-of-sustainability/">http://louisville.edu/upa/programs/bachelors-of-sustainability/</a> )
		Urban and Public Affairs ( <a href="http://supa.louisville.edu/">http://supa.louisville.edu/</a> )
		*Urban Studies ( <a href="https://urbanlouisville.org/bachelor-in-urban-studies/">https://urbanlouisville.org/bachelor-in-urban-studies/</a> )
		*Women's, Gender, and Sexuality Studies ( <a href="http://louisville.edu/wgs/">http://louisville.edu/wgs/</a> )

\* Interdisciplinary discipline or program, which may cross-count in other divisions.

### Arts & Sciences Administration

The complete and up-to-date list of Arts & Sciences leadership (<https://louisville.edu/artsandsciences/about/deans-staff/>) is located on the Arts & Sciences website.

### Faculty and Departmental Information

The complete and up-to-date list of departments (<http://louisville.edu/artsandsciences/about/structure-and-divisions/>) can be found on the Arts & Sciences website.

### Advising Services

Please see the section of the catalog related to Academic Advising. To determine if you have an advising hold, please check your ULink account, under the student services tab, and click on the "holds" link.

## Information for Students

### Academic Bankruptcy and Forgiveness & Fresh Start

Academic Bankruptcy and Forgiveness (p. 66) policies allow students who are returning to college after an absence of two or more years to request the adjustment of their records for one or more entire semesters of previous college work, provided certain criteria are met. View information on Academic Bankruptcy and Forgiveness (p. 66) and the Fresh Start (p. 66) policy.

### Student Discipline and Grievance Policies

It is the student's responsibility to read the catalog and official announcements, to be informed about his/her own grades, credits, degree requirements, and quality points, and to abide by the regulations of the University and the College.

### Official Notices

All students must respond to official notices issued by administrative officers and instructors, whether these notices be posted on official bulletin boards or sent through electronic or postal mail. Failure to comply with this regulation may lead to suspension from the College.

### Academic Grievance Procedure

The College of Arts and Sciences follows the procedures for academic grievance as stated in this catalog and as published in The Redbook, Chapter 6, Article 8 (<http://louisville.edu/provost/redbook/chap6.html#ART68>). Any student considering filing such a grievance must consult with the Arts & Sciences Advising Center (<http://louisville.edu/artsandsciences/advising/>) for advice and information.

### Statement of Academic Discipline

In accordance with The Code of Student Rights and Responsibilities (<http://louisville.edu/dos/students/code-of-student-conduct.html>), academic dishonesty is prohibited at the University of Louisville. Both faculty and students thought it important to express clearly, in advance, the standards to which the College adheres. The Statement of Academic Discipline printed below is the result of their effort and serves as the College's official statement.

Questions which do arise are reviewed by a joint student-faculty committee, which advises the student and faculty concerned. The student's rights to review and appeal are scrupulously observed, and minutes of all meetings are confidential.

### **I. Introduction**

As members of the academic community, both students and faculty are expected to recognize and to uphold standards of intellectual integrity. The College assumes as a minimum standard of conduct in academic matters that the student is honest; credit for courses is given and received on the assumption and condition that all work submitted represents the student's own efforts.

Unfortunately, cheating and plagiarism do occur. The pressure for grades is often great, and opportunities for dishonesty exist. Nevertheless, both the ideals of scholarship and the need for practices which are fair to all students demand that all dishonest work be rejected as a basis for academic credit. The definitions and guidelines given below are intended to clarify the standards by which academic work is to be measured.

### **II. Definitions**

Cheating on examinations consists of any of the following: 1) borrowing someone's answers; 2) providing answers to someone; 3) using unauthorized materials during the examinations.

Except when otherwise explicitly stated by the instructor, examination questions shall become public property after they have been given.

Plagiarism, in submitting individual work for academic evaluation, means simply to borrow someone's ideas without citing the source, and to use them as one's own. It is a particular type of cheating. Plagiarism in this sense is not limited to the use of direct quotations without citation; a paraphrase is indebted to the author's ideas just as a direct quotation is. Nor is plagiarism limited to the use of published materials; borrowing from the written or oral work of others without citation is equally dishonest. On the other hand, in every area of learning there is a body of knowledge which belongs to the public domain. Guidance and experience may be necessary in order to distinguish where the requirement to cite a source no longer applies. The instructor or perhaps a style manual may be helpful in resolving questions about what should be cited.

### **III. Guidelines for Instructors**

Instructors have at least two roles to play in maintaining proper standards of academic conduct: to assist their students in recognizing the way in which general standards apply in the context of a particular course or discipline, and to take practical steps to prevent cheating and detect it when it occurs. Specific guidelines should be followed:

- That instructors take the time to inform students of the standards of conduct expected of them with regard to assignments and examinations.
- That practical measures be taken to minimize opportunities for dishonesty; e.g., adequate proctoring, the use of alternate forms of an examination if seating is crowded.
- The practice of giving identical examinations to different classes, whether separated in time by ten minutes or by a semester, invites cheating. When there are good reasons for such repetition, appropriate security precautions should be taken.
- The repeated assignment of the same material for papers or homework invites plagiarism. When assignments are repeated, students should be informed that the unauthorized reliance on earlier papers is forbidden and that the instructor has effective means of detecting same.
- That the instructor specifies with regard to assignments the degree to which students may confer and cooperate in achieving answers.

- The College does not operate on an honor system. If within a particular class an instructor wishes to institute such a system, the students should be clearly informed of their responsibilities.

### **IV. Guidelines for Students**

Recognizing his/her responsibility as a member of the academic community, the student should strive to maintain intrinsically honest academic conduct. The student must seek to avoid any action which would compromise academic integrity. To ensure both the fact and the appearance of proper conduct, the student should follow these basic guidelines:

- During examinations, the student must be careful to do nothing that can be construed as cheating. The student shall follow carefully all directions given by the instructor with regard to taking tests and completing assignments.
- The instructor's request to keep test questions private shall be honored by the student.
- If the student is aware of practices by the instructor which are conducive to cheating, or of acts of cheating by students, he/she may convey this information either to any member of the student-faculty review committee (see section "V. Procedures") or directly to the instructor.
- Learning the proper methods of documentation and scholarship is also the student's responsibility. Such knowledge will help avoid committing plagiarism unwittingly.

### **V. Procedures**

As evidence of the seriousness with which the College regards these matters, a student-faculty review committee, the Student Grievance and Academic Discipline Committee, has been established to assist in dealing with violators. The Student Grievance and Academic Discipline Committee also exists to protect the student's right to a fair and impartial hearing. To ensure its effectiveness, the faculty should view it as the primary channel through which such problems can be resolved. The faculty member who believes a problem of cheating or plagiarism exists should first confront the student or students involved and attempt to resolve the matter. A report of the facts of the case and any decision which was made should be sent by the professor to the Dean or his/her designee. During this initial encounter the faculty member should inform the student of his/her right to appeal an unfavorable decision to the committee. The faculty member has the authority to address and sanction dishonest acts as most appropriate for the course and type of dishonesty that occurred. If it is determined during the reporting process that the student has previously violated this policy, the committee will be convened to review the incident and a statement from the student. The committee will then recommend to the Dean whether the faculty member has issued a fair sanction, further disciplinary action should occur, or if a hearing with the individual student should be held. Subsequent offenses may result in a recommendation to the Dean to suspend or dismiss the individual from the College. All final actions taken by the Dean that result from faculty or committee recommendations shall be entered in the student's record. This committee is comprised of three students, selected by a nominating committee of the Student Council and/or of the Graduate Network in Arts and Sciences; three faculty members, representing the three divisions of the College, elected by the faculty; and a representative of the Office of the Dean of the College, ex officio.

Written statements shall be made by both parties and made available to both parties and the committee prior to any oral testimony. Any refutations may be made in writing or orally at the hearing. Evidence not

submitted in the original written statements will not normally be accepted at the oral hearing.

All evidence in writing before the committee in a case shall be available to the principals. The committee shall hear such cases as come before it and allow the student to speak on his or her own behalf and to present evidence and witnesses. Further, the burden of proof rests with the person making the charge.

The committee may adopt additional principles or procedures as seem appropriate. Such changes, however, should be presented to the faculty for approval.

Any student who believes the processing or final disposition of a charge of academic dishonesty was unfair may initiate a grievance under the Academic Grievance Procedure as outlined in this catalog.

Students should be aware that all recorded instances of Academic Misconduct are retained by the Dean's Office for five years after the time the student separates from the university. Should it be requested, this information will be provided to any graduate or professional school to which the student applies.

## Code of Faculty Responsibilities

### 1.0 Applicability

This code shall apply to all faculty members associated with the College of Arts and Sciences of the University of Louisville and to all graduate students and other personnel having teaching or research assignments in that school, hereinafter referred to as the teaching and research personnel.

### 2.0 Responsibilities

The teaching and research personnel of the College of Arts and Sciences hereby subscribe to the following specific responsibilities:

#### 2.1 General Relations

2.11. The teaching and research personnel shall respect the rights of all members of the University community to pursue their academic and administrative activities, provided these activities do not contravene academic freedom. They retain the right to criticize and seek revision of these activities.

2.12. They shall respect the rights of all members of the University community to free and orderly expression.

2.13. They shall respect the right of any member of the University community to privacy and confidentiality. This right guarantees freedom against violation without consent of assigned physical premises, such as carrels and office space; and also against nonphysical transgressions, such as the unwarranted, improper or false disclosure of a person's political, religious or social views or activities.

2.14. They shall respect the student's right of confidentiality regarding grades.

2.15. They shall respect the rights of all persons of the University community to be free from sexual harassment.\*

#### 2.2 Student Relations

2.21. The teaching and research personnel shall uphold the student academic rights as set forth in the Student Bill of Rights adopted by the College on March 1, 1971.

2.22. They shall make known, in writing, as soon as possible during the first week of instruction, their expectations for the course as to assignments, methods of evaluation, and student course participation.

2.23. They shall present the subject matter of a course as published in the catalog, and shall avoid the persistent intrusion of material which has no relation to the subject.

2.24. They shall meet classes as scheduled in accordance with university regulations. Absences caused by illness, emergencies, personal responsibilities, or religious observances are excusable but must be reported to the Department Chair, in advance, if possible. Absences owing to professional obligations such as attendance at scholarly meetings or occasional professional service are excusable absences which nevertheless require prior notification of the Department Chair. In the case of anticipated absences, a qualified substitute, or provisions for additional assignments or alternate activity should be arranged.

2.25. They shall make themselves available for advising students by observing posted office hours, and by allowing students to arrange for appointments at other mutually convenient times.

2.26. They shall learn the academic requirements and various degree programs of the University affecting students whom they advise.

2.27. They shall arrange for appropriate interaction and communication with graduate students in the direction of their theses.

2.28. They shall provide students with an evaluation of their completed work within a reasonable period of time, and allow them access to their own papers, quizzes, and examinations.

2.29. They shall give final examinations, when these are required as part of the evaluation of the student, in accordance with schedules and procedures adopted by the College.

2.30. They shall give due acknowledgement to students who contribute to faculty efforts toward professional or personal advancement.

2.31. They shall respect the student's right to decline participation as a research subject in, or to withdraw from, a particular experiment without prejudice to his/her grade. Alternate experiences or exercises shall be provided to assure the equivalent in educational value to those students who wish not to participate as research subjects. Departments which use human subjects in experiments shall adhere to such code of ethics as are established within their respective professions.

Specifically:

2.31.1. Experimenters shall inform human subjects about the nature of each particular experiment so that they can make an informed choice to participate or not.

2.31.2. Experimenters shall keep the results of an experiment and the identity of the human subjects, who participate in it, separate, and the latter, confidential.

2.32. Teaching and research personnel shall respect the rights of all students to be free from sexual harassment.\*

\* Sexual harassment is here used as defined by current university policy.

## Undergraduate Programs

### A

- Actuarial Mathematics (Minor) (p. 476)
- Aerospace Studies (Minor) (p. 477)
- American Sign Language Interpreting Studies (BS) (p. 119)
- Anthropology (BA) (p. 121)
- Anthropology (BS) (p. 125)
- Arabic (Minor) (p. 478)
- Archaeology (Minor) (p. 478)
- Art (BA) (p. 127)
- Art (Minor) (p. 478)
- Art - Fine Art (BFA) (p. 130)
- Art History (BA) (p. 136)
- Art History (Minor) (p. 479)
- Asian Studies (BA) (p. 139)
- Asian Studies (Minor) (p. 479)
- Atmospheric Physics (Minor) (p. 480)
- Atmospheric Science (BS) (p. 142)

### B

- Biology (BA) (p. 147)
- Biology (BS) (p. 150)
- Biology (Minor) (p. 480)
- Black Performance Studies (Minor) (p. 481)

### C

- Chemistry (BA) (p. 163)
- Chemistry (BS) (p. 165)
- Chemistry (Minor) (p. 482)
- Chinese (Minor) (p. 482)
- Chinese Studies (Minor) (p. 482)
- Classical Studies (Minor) (p. 483)
- Communication (BA) (p. 173)
- Communication (BS) (p. 176)
- Communication (Minor) (p. 483)
- Criminal Justice (BS) (p. 188)
- Criminal Justice (Minor) (p. 485)
- Criminal Justice with a 3+3 Track to Law (BS) (p. 192)

### D

- Deaf Studies (Minor) (p. 486)
- Diversity and Inequality (Minor) (p. 486)

### E

- English (BA) (p. 218)
- English Creative Writing (Minor) (p. 487)
- English Literature (Minor) (p. 487)
- Environmental Analysis (Minor) (p. 488)
- Ethics (CERT) (p. 514)

### F

- Film Studies and Production (Minor) (p. 490)
- Forensic Anthropology (Minor) (p. 491)
- French (BA) (p. 227)
- French (Minor) (p. 491)

### G

- Geography (Minor) (p. 491)
- Geography, Applied (BS) (p. 229)
- Geospatial Technologies, Applied (CGT) (p. 515)
- German (Minor) (p. 492)
- Global Public Health (Minor) (p. 492)

### H

- History (BA) (p. 240)
- History (Minor) (p. 494)
- History with 3+3 Track to Law (BA) (p. 244)
- Humanities (BA) (p. 247)
- Humanities (Minor) (p. 495)

### I

- Individualized Major (Liberal Studies) (BA) (p. 252)
- Italian (Minor) (p. 496)

### J

- Japanese (Minor) (p. 496)
- Jewish Studies (Minor) (p. 496)

### L

- Latin American and Latino Studies (BA) (p. 257)
- Latin American and Latino Studies (Minor) (p. 497)
- Leadership (Minor) (p. 498)
- LGBTQ Health Studies (CERT) (p. 517)
- LGBTQ Studies (Minor) (p. 500)
- Linguistics (Minor) (p. 500)

### M

- Mathematics (BA) (p. 265)
- Mathematics (BS) (p. 267)
- Mathematics (Minor) (p. 502)
- Middle East and Islamic Studies (Minor) (p. 502)

### N

- Neuroscience (BS) (p. 379)

### P

- Pan-African Studies (BA) (p. 390)
- Pan-African Studies (BS) (p. 394)

- Pan-African Studies (Minor) (p. 504)
- Peace, Justice, and Conflict Transformation (CPC) (p. 517)
- Peace, Justice, and Conflict Transformation (Minor) (p. 504)
- Philosophy (BA) (p. 398)
- Philosophy (Minor) (p. 504)
- Philosophy, Politics, and Economics (Minor) (p. 505)
- Physics (BA) (p. 405)
- Physics (BS) (p. 407)
- Physics (Minor) (p. 505)
- Police Executive Leadership Development (CPE) (p. 519)
- Political Science (BA) (p. 412)
- Political Science (BS) (p. 417)
- Political Science (Minor) (p. 506)
- Psychology (BA) (p. 419)
- Psychology (BS) (p. 422)
- Psychology (Minor) (p. 506)

**R**

- Race/Gender Studies (Minor) (p. 507)
- Religious Studies (Minor) (p. 508)
- Russian Studies (Minor) (p. 509)

**S**

- Social Change (Minor) (p. 509)
- Socio-Cultural Anthropology (Minor) (p. 477)
- Sociology (BA) (p. 439)
- Sociology (BS) (p. 446)
- Sociology (Minor) (p. 509)
- Sociology of Culture (Minor) (p. 510)
- Spanish (BA) (p. 451)
- Spanish (Minor) (p. 510)
- Sustainability (BA) (p. 456)

**T**

- Theatre Arts (BS) (p. 459)
- Theatre Arts (Minor) (p. 512)

**U**

- Urban and Regional Analysis (Minor) (p. 512)
- Urban Studies (BS) (p. 461)

**W**

- Women's, Gender and Sexuality Studies (BA) (p. 464)
- Women's, Gender and Sexuality Studies (BS) (p. 471)
- Women's, Gender and Sexuality Studies (Minor) (p. 512)
- Women's, Gender and Sexuality Studies with a 3+3 Track to Law (BA) (p. 468)

## College of Business

**College of Business**

Harry Frazier Hall  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-6440

Email: [business@louisville.edu](mailto:business@louisville.edu)

Website: [louisville.edu/business](http://louisville.edu/business) (<http://louisville.edu/business/>)

Social: Facebook (<https://www.facebook.com/UofLBiz/>), Twitter (<https://twitter.com/UofLBiz/>)

### About

The College of Business was founded in 1953. Our business degree programs are accredited by AACSB International - The Association to Advance Collegiate Schools of Business. Our accountancy program is one of a select group with additional AACSB accreditation. Our equine industry program is the only one in the world housed in an AACSB accredited college. Our Global MBA, offered in partnership with Akademie Wuerth Business School in Germany, is accredited by the Foundation for International Business Administration Accreditation (FIBAA).

Louisville is a great place to study business, because it's where most business in Kentucky happens. Our students, graduates and faculty interact with businesses in Louisville, elsewhere in Kentucky and the United States, as well as in Europe, Asia-Pacific and Central America—all regions where we have graduates. Our Louisville campus includes students from more than 100 countries, almost all 50 states and all 120 Kentucky counties.

Each year we serve approximately 1900 undergraduate students and 300 graduate students with about 80 full-time faculty. We are nationally recognized as a metropolitan research institution and the leading entrepreneurial business college in the region.

We educate future corporate, public and non-profit sector leaders, and entrepreneurs determined to start their own business or help re-invent an existing corporation. Many of our graduates stay in this region and help it prosper; others are spread across the nation and the world.

Our students have access to a great variety of grants, scholarships and financial aid, including scholarships for international travel.

To enhance teaching and learning, our students and faculty also have access to highly sophisticated university-based telecommunications and computer information systems.

The modern, well-furnished College of Business building is located on the University of Louisville's Belknap Campus near the downtown business district. It houses comfortable, technologically advanced classrooms, a large auditorium, a variety of attractive meeting rooms, advising services housed in the Reinhardt Academic Center, and the Ulmer Career Management Center, which provides advanced career services to College of Business students and alumni for life.

Many of our graduate and undergraduate programs are highly ranked in national and international listings of excellence. See the current rankings at the College of Business website (<http://business.louisville.edu/rankings/>).

Or, please see our full website (<http://louisville.edu/business/>) for a complete listing of our ratings, accreditation, and other noteworthy achievements.

## College of Business Administration

The complete and up-to-date organizational chart for the college (<https://business.louisville.edu/about/leadership-admin/>) is located on the Business website.

## Faculty and Departmental Information

The complete and up-to-date list of departments and faculty (<http://business.louisville.edu/faculty-and-staff-directory/>) is located on the Business website.

## About the Program

### Advising Services

The College of Business employs a staff of professional advisors in the Reinhardt Academic Center (<http://louisville.edu/advising/centers/business/>) to assist students in the development of meaningful educational plans. We take our mission very seriously. We are committed to helping you in the development of a rewarding program of study and a challenging educational plan.

We encourage you to take responsibility for your own learning, and are available to assist you in appropriate course selection, interpreting policies and procedures and monitoring your academic performance and progress toward degree completion. At the end of your coursework, we will conduct a degree check verifying that all program requirements have been completed—and then on to graduation! The academic counselors at the advising center are also available to refer you to appropriate university resources including tutoring, counseling and career services.

### Academic Forgiveness & Fresh Start

Academic Forgiveness and Fresh Start policies allow students to request the adjustment of their records for one or more entire semesters of previous college work, provided certain criteria are met. Students should see the Academic Forgiveness and the Fresh Start (p. 66) policy.

### Student Academic Rights and Responsibilities

Every student is expected to be thoroughly familiar with the University's Code of Student Rights and Responsibilities and Student Conduct (p. 80).

Every student is responsible for reading the academic policies in the Undergraduate Catalog and official announcements of the College of Business and for abiding by such regulations. Specifically, every student is responsible for knowing the grade point averages and program

requirements needed for graduation. Students are encouraged to see a COB academic advisor to clarify any questions or concerns.

Along with preparing for and attending class, each student has the responsibility to promote high academic standards. Students are expected to cooperate in all classes with faculty members to achieve an optimal learning environment. Inappropriate classroom behavior may result in the student being withdrawn from the course, and potentially assigned academic penalties. Inappropriate classroom behavior will be dealt with in the same manner as academic dishonesty.

## Academic Dishonesty

The COB has a strong policy of academic discipline for action against students who commit academic dishonesty or conduct themselves inappropriately in the classroom. A proven case of academic dishonesty will normally result in the student being denied admission to or dismissed from the COB.

Academic dishonesty is defined by the Code of Student Conduct. Its definition pertains to but is not limited to cheating, fabrication, falsification, multiple submission, plagiarism, and complicity. It is the student's responsibility to maintain high standards of ethical conduct, and intellectual integrity and to be familiar with the definition of academic dishonesty.

As evidence of the seriousness with which the COB regards these matters, academic dishonesty allegations are handled in accordance with COB Procedures for Dealing with Academic Dishonesty.

### Procedures for Dealing with Academic Dishonesty

1. When an academically dishonest event is discovered, it is the faculty member's responsibility to determine the appropriate course of action, the associated academic penalty, and to inform the student in a timely fashion of the academic dishonesty allegation. It is the faculty member's responsibility to determine the academic penalty and if an informal or a formal course of action is required. Academic penalties are imposed by the faculty member. The severity of academic penalty is commensurate with the academically dishonest event, and include penalties such as:
  - a. Resubmission of an alternative assignment or test
  - b. F grade on the assignment/test
  - c. F for the course grade
2. In cases where an academically dishonest event is deemed inadvertent or inconsequential, the faculty member may choose to resolve the academically dishonest event informally with the student. The informal discourse between the faculty member and the student should address the seriousness in how the COB views academic dishonesty, inform the student that it is their responsibility to know what constitutes academic dishonesty, and inform the student that any future academic dishonesty will not be tolerated. Academic penalties in this case should not have a material impact on the student's final grade in the class.
3. In cases where an academically dishonest event requires a material academic penalty, such as assigning an F for a major assignment/test, the faculty member may resolve the matter directly with the student. In this case within a timely and reasonable period, the faculty member must inform the student of the academic dishonesty allegation and present to the student a letter stating the allegation, documenting any associated evidence, and detailing the academic penalty. The

faculty member must inform the student that the letter will be placed on permanent file in the COB's Dean's Office, and that any subsequent academic dishonesty will likely result in administrative penalties, (see 4f). If the student agrees to the terms of the letter as evidenced by the student's signature on the letter, the faculty member shall forward a copy of the letter to the Department Chair. The Department Chair shall deliver the letter to the Dean's Office and review the academic dishonesty file to determine if the student has committed any previous acts that may require further administrative penalties. The Department Chair shall report to the Dean of the COB if further action is needed.

4. When procedures outlined in the preceding paragraph are inappropriate, insufficient or unacceptable to either the faculty member or the student the following formal procedures provide due process.
  - a. Except under extraordinary circumstances, within ten school days of informing the student of the alleged academic dishonesty event, the faculty member will prepare a written statement that describes and documents the academic dishonesty allegation. The statement must include all supporting evidence, and the faculty member's recommended academic penalties. The faculty member's statement is to be submitted to the Faculty Co-Chair of the Undergraduate Studies Committee, (hereafter referred to as Co-Chair).
  - b. Except under extraordinary circumstances, within fifteen school days of receiving the faculty member's statement, the Co-chair will provide to the student through registered mail a letter detailing the academic dishonesty allegation. This correspondence will include notice that a hearing to investigate the academic dishonesty allegation is to be scheduled at the earliest possible convenience for all persons involved.
  - c. The hearing will be organized and administered by the Co-chair. The Co-chair will appoint a hearing committee, which will consist of the Co-chair plus two COB faculty members that are currently serving on the Undergraduate Studies Committee. The student may be assisted at the hearing by an academic student advisor of his/her choosing. A request for student advisor assistance must be made through written communication to the Co-chair.
  - d. The student may waive the right to the hearing by admitting to the charge of academic dishonesty in a signed written statement delivered to the Co-chair of the Undergraduate Studies Committee prior to the date of the hearing.
  - e. At the hearing, the faculty member and the student will each be provided an opportunity to present oral testimony, written evidence, and any other evidence. The burden of establishing the student's guilt is the responsibility of the faculty member making the allegation.
  - f. Except under extraordinary circumstances, within fifteen school days of the hearing, the hearing committee will render a decision on the academic dishonesty allegation and produce a written report of its findings. The Co-chair will notify the student and faculty member in writing of the hearing committee's findings. If the student is found to be guilty of the allegation, academic penalties will be imposed, and if appropriate, administrative penalties will be recommended. The hearing committee's decisions on academic penalties are final. All guilty findings will be

placed on file under academic dishonesty events with the COB Dean's Office. In the case of a guilty finding the Co-chair will review the file of academic dishonesty events to determine if this is a first or a repeat offense. A repeat offense will likely result in a recommendation for administrative penalties. Administrative penalties in the case of suspension or expulsion from the COB are imposed by the Dean of the COB, or by the Provost in the case of suspension or expulsion from the University.

- g. In the case of recommended administrative penalties, the Dean of the COB shall review the hearing committee's report and issue a decision regarding imposing COB administrative penalties and whether any University-wide penalties will be recommended to the Provost. Except under extraordinary circumstances, within 15 school days of receiving the hearing committee's report, the Dean of the COB shall notify the student, the faculty member originating the academic dishonesty allegation, and the Co-chair of the hearing committee of its decision. The Dean of the COB shall forward any recommended University-wide penalties to the Provost.
- h. If the student fails to appear before the hearing committee, the hearing will be held in the student's absence and a final decision rendered. If the faculty member making the allegation of academic dishonesty fails to appear, the charges will be dropped. Unforeseen and uncontrollable events that prevent an individual's appearance at the hearing will be considered prior to making a final decision.
  - i. In the case where multiple students are involved with the academic dishonesty allegation, each student will be dealt with individually, but the composition of the hearing committee will remain the same for all students involved with the alleged event.
  - j. Any student who believes the processing or final disposition of a charge of academic dishonesty was unfair may initiate a grievance under the Academic Grievance Procedure as defined in the Academic Policies and Procedures of the Undergraduate Catalog.

## Student Grievances

Students who wish to pursue grievances of any kind may consult with the Student Grievance Officer or the Associate Dean for Undergraduate Programs in the College of Business who will apprise the student of the policies and procedures regarding grievances. Detailed information on how to submit and pursue a grievance can be found on the Dean of Students website (<http://louisville.edu/dos/help/studentgrievance/>).

## Undergraduate Programs

### A

- Accounting (CAC) (p. 513)

### B

- Bachelor of Business Administration (BBA) (p. 155)
- Business Administration (Minor) (p. 481)
- Business Administration in Accountancy (BSBA) (p. 117)
- Business Administration in Computer Information Systems (BSBA) (p. 179)
- Business Economics (BS) (p. 157)

**C**

- Computer Information Systems (Minor) (p. 484)

**D**

- Data Analytics (Minor) (p. 485)

**E**

- Economics (BA) (p. 212)
- Economics (Minor) (p. 486)
- Entrepreneurship (Minor) (p. 488)
- Equine Business (CEA) (p. 514)
- Equine Business (Minor) (p. 489)
- Equine Business, Bachelor of Science in Business Administration (BSBA) (p. 222)

**F**

- Finance (Minor) (p. 490)
- Finance, Bachelor of Science in Business Administration (BSBA) (p. 225)

**I**

- International Business (Minor) (p. 495)

**M**

- Management (BSBA) (p. 260)
- Management (Minor) (p. 501)
- Marketing (Minor) (p. 501)
- Marketing, Bachelor of Science in Business Administration (BSBA) (p. 262)

**P**

- Philosophy, Politics, and Economics (Minor) (p. 505)

## College of Education and Human Development

**College of Education and Human Development**

1905 South 1st Street  
Woodford and Harriett Porter Building  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-5597

Email: [education@louisville.edu](mailto:education@louisville.edu)

Website: [louisville.edu/education](http://louisville.edu/education/) (<http://louisville.edu/education/>)

Social: Facebook (<http://www.facebook.com/uofleducation/>), Twitter (<https://twitter.com/UofLCEHD/>)

## About the College

The College of Education and Human Development (CEHD), established in 1968 as the School of Education, is a college whose mission is to promote and strengthen the professional development of individuals concerned with education and human resource development in a variety of urban settings such as schools, colleges and universities, private and corporate organizations, and government agencies. This is done by conducting research, providing service, and preparing teachers, administrators, training and development specialists, and professionals in sport management, mental and physical health, and student affairs. In 2000, the name was changed to the College of Education and Human Development, to more accurately reflect the College's mission and programs. As an urban institution, the College is particularly concerned with improving the education and quality of life for persons of all ethnic and cultural backgrounds. The administration, faculty, and staff are committed to working with other university personnel and practitioners in carrying out this mission.

As one of five Commonwealth Centers of Excellence and the only one in education, the College of Education and Human Development offers programs, which are:

- Based upon established knowledge bases that incorporate urban and global perspectives as well as current understanding of best professional practice;
- Consistent with the philosophical standards and ethical practices of relevant professional associations;
- Available to qualified individuals without regard to ethnicity, age, religion, gender, sexual orientation, disability, or national origin;
- Future oriented and open to change on the basis of inquiry and experimentation as well as the needs and expectations of those we serve;
- Rooted in the assumption that members of our faculty and staff are continuing learners who model the practices they teach, including the use of current information technologies; focused upon collaborative approaches to address the concerns of those we serve.

## Structure

The College of Education and Human Development provides courses and other experiences designed to prepare professionals in school and non-school settings. It offers curricula leading to the Bachelor of Science degree in Early Elementary Education, Middle and Secondary Education, Health and Human Performance, Sport Administration, and Organizational Leadership and Learning.

The College of Education and Human Development also offers minors in Exercise Science, Sport Administration, Healthcare Leadership, and Leadership and Talent Development to support the degree programs of students both within the College of Education and Human Development and those pursuing a degree through another college/school at the University. Undergraduate Certificates are also offered in Healthcare Leadership and Human Resource Leadership, which are open to both those in other degree programs at the university, or can be pursued in a non-degree status, for those only seeking a certificate.

## College of Education and Human Development Administration

The complete and up-to-date list of Education leadership and administration (<http://louisville.edu/education/about/administration/>) is located on the CEHD website.

## Faculty and Departmental Information

The complete and up-to-date list of departments and faculty (<http://cehddirectory.louisville.edu/>) is located on the CEHD website.

## Academic Advising

Academic advising is located in Room 140 of the Porter Education Building and is open Monday through Friday, 8:00 am to 5:00 pm. Our academic advising office provides prospective and current students with excellent academic advising, consistent and accurate program information, and services related to registration, financial aid, and admissions.

Please call (502) 852-5597 or email [edadvise@louisville.edu](mailto:edadvise@louisville.edu) to schedule an undergraduate advising appointment, to ask questions concerning enrollment and student services, or information regarding application to one of many programs offered by the College of Education and Human Development.

## About the Programs

### Academic Grievance Procedure

The College of Education and Human Development follows the procedures for academic grievances (p. 82) found in this catalog and as published in *The Redbook*, Chapter 6, Article 8. Any student considering filing such a grievance should consult with the Student Grievance Officer or the Associate Dean for Student Success and Academic Affairs in the College of Education and Human Development, who will apprise the student of the policies and procedures regarding grievances.

Students of the College of Education & Human Development can contact Associate Dean for Student Success and Academic Affairs, Dr. Meg Hancock ([mghanc01@louisville.edu](mailto:mghanc01@louisville.edu)), (502) 852-3237, for questions, concerns, and reports of student conduct, complaints, and grievances.

### Statement of Policy and Procedures with Respect to Academic Integrity

A primary goal of the College of Education and Human Development is to educate men and women who will serve the education community with competence and integrity. To this end, the faculty considers academic honesty on the part of students of paramount importance. At another level, the trust existing between faculty and students must not be tainted with suspicion of dishonesty. Academic dishonesty is defined in the Code of Student Rights and Responsibilities. In the event that a student believes the following procedures for handling allegations of academic dishonesty have resulted in an injustice, that student may seek counsel from the Student Grievance Officer.

### Procedures for Dealing with Breaches of Academic Integrity

1. A faculty member who believes that a student has committed an act of academic dishonesty shall, after checking with the clearinghouse to determine if the student has been found guilty of such acts previously, prepare a written statement that specifies the charge and that proposes the penalties to be imposed on the student. The proposed penalties shall be described as either:

- a. Academic penalties, which are penalties associated with the class in question, such as resubmission of or alternate assignments, F on the assignment, F for the course, etc.; or
  - b. Administrative penalties, which are suggested penalties to be imposed by the Dean or Provost, such as suspension or expulsion from the College of Education and Human Development or the University.
2. The faculty member shall meet with the student in person and in private, at which time the faculty member shall:
    - a. Explain the basis for the allegation;
    - b. Give the student a copy of the written statement of the charge and proposed penalties; and
    - c. Give the student a copy of these procedures.
  3. The student shall either admit or deny the charge of academic dishonesty in writing no later than one week after the meeting with the faculty member. If the student does not meet this deadline, the student will be deemed to have denied the charge.
  4. If the student admits the charge, any proposed academic penalties shall be implemented by the faculty member. The faculty member shall then forward the Statement of Charges and proposed administrative penalties, if any, the student's admission of guilt, and a statement of the academic penalties imposed, if any, to the Dean.

The Dean shall review the documents and shall issue a decision, within 15 school days, regarding whether any administrative sanctions shall be imposed on the student by the College of Education and Human Development, and whether any University-wide administrative sanctions will be recommended to the Provost. The Dean shall notify the student, the faculty member, the department chair, and the Associate Dean of this decision. The Dean shall forward any recommended University-wide administrative sanctions to the Provost.

5. If the student denies the charge, the faculty member shall forward the statement of the charge and proposed penalties to the department chair, or, if the department chair is the faculty member making the allegation, to the Associate Dean. The department chair or the Associate Dean shall schedule a hearing.

Notice of the hearing shall either be hand-delivered or sent by Registered U.S. Postal Service to the student, at the address listed with the Registrar's Office, and to the faculty member via inter-office mail. The notice should be sent at least 10 school days prior to the hearing. The notice should state the time, date and place of the hearing and contain a copy of the original statement of the allegations.

At the hearing, the professor and the student will each be provided an opportunity to present oral testimony and written evidence. The burden of establishing the student's guilt rests with the professor, who must do so by a preponderance of the evidence. A student may be assisted at the hearing by an advisor of his/her choosing. However, that person will not be permitted to speak on behalf of the student at the hearing. If the student fails to appear after proper notice, the hearing will be held in the student's absence and a final decision rendered.

After the hearing, the chair or the Associate Dean, as appropriate, will render a decision. Decisions of academic penalties will be final. Additional administrative penalties recommended will be forwarded to the Dean with all materials submitted at the hearing, including a brief, written statement of reasons for the finding.

The Dean will consider the recommendation. Within 10 school days, the Dean will make a decision and notify the student, the professor, and the department chair or Associate Dean of the final action taken in the case. Notice of the decision will also be sent to the Office of the Provost. If the Dean's decision is not timely, the recommendation is voided and the action is dismissed.

## Instructional Modification

Students with disabilities, who need reasonable modifications to complete assignments successfully and otherwise satisfy course criteria, are encouraged to meet with the instructor as early in the course as possible to identify and plan specific accommodations. Students may be asked to supply a letter from the Disability Resource Center or other documentation, which will assist in planning modifications.

## Diversity

Diversity is a shared vision for our efforts in preparing teachers, administrators, school counselors and other professionals. Students will be encouraged to investigate and gain a current perspective of diversity issues (race, ethnicity, language, religion, culture, socioeconomic status, gender, sexual identity, disability, ability, age, national origin, geographic location, military status, etc.) related to their chosen fields. Students will also have the opportunity to examine critically how diversity issues apply to and affect philosophical positions, sociological issues, and current events in a variety of areas. Students will examine their belief systems and be encouraged to reexamine and develop more grounded beliefs and practices regarding diversity.

## Student Teaching/Field Experiences

In all phases of the Developmental Teacher Preparation Model, candidates participating in field and clinical experiences must abide by all policies, rules, and regulations of the University and the assigned school. Failure to abide by standards of conduct and performance established by the faculty may result in the removal from the program. Student teaching requires a minimum 15-week clinical experience in school setting(s) related to the teaching certificate a teacher candidate is seeking. Teacher candidates work with a cooperating teacher and University Supervisor participating in the work of teaching. Placement in student teaching is contingent upon the applicant's successful completion of required program coursework and assessments, and faculty recommendation. Evaluation is based on Kentucky Teacher Standards and Professional Code of Ethics.

## Academic Forgiveness & Fresh Start

Academic Forgiveness policies allow students to request the adjustment of their records for one or more continuous semesters of previous college work, provided certain criteria are met. Additional information on Academic Forgiveness and Fresh Start policies can be found in this catalog (p. 63).

## Undergraduate Programs

- Community Health (Minor) (p. 483)
- Early Elementary Education (BS) (p. 198)
- Exercise Science (Minor) (p. 490)
- Health and Human Performance (BS) (p. 235)
- Healthcare Leadership (Minor) (p. 493)
- Leadership and Talent Development (Minor) (p. 499)
- Middle/Secondary Education (BS) (p. 274)
- Organizational Leadership and Learning (BS) (p. 386)

- Organizational Leadership and Learning, Track in Healthcare Leadership (BS) (p. 389)
- Sport Administration (BS) (p. 454)
- Sport Administration (Minor) (p. 511)

## Continuing Studies

### About the Program

Continuing Studies is a non-degree granting unit that admits adult students who want to take courses on a part-time basis for personal enrichment or professional development. Students can earn college credit, but are not admitted into a degree program.

Continuing Studies students may enroll for a maximum of 8 hours in any semester or summer session. Students are required to maintain a 2.0 grade point average. Continuing Studies students are not eligible to receive state or federal financial aid.

Students may remain in Continuing Studies until they accumulate 24 credit hours. Students with 24 credit hours must apply for admission and be accepted by a degree-granting unit of the university if they wish to continue their course work.

### Admissions Policies

In order to be admitted to Continuing Studies, applicants must complete an Application for Undergraduate Admission and submit an application fee. Transcripts and ACT scores are not required. However, post-baccalaureate students who wish to take prerequisite courses for a graduate-level program will need to submit a transcript to verify their status.

Continuing Studies students must meet the following criteria unless they petition the Continuing Studies Office for exception:

- Applicants must be at least 22 years old, unless the applicant will be on active military duty.
- Applicants must self-report that they have a high school diploma or high school equivalency certificate issued by the State Department of Education.
- Applicants with previous college work must self-report that they have not been dismissed from their last attended institution of higher education.
- Applicants for whom English is a second language must offer proof of English proficiency.

### Placement Tests

Continuing Studies students may take placement tests to determine the correct level of coursework. Placement tests are available in Math and Foreign Language. CLEP (College Level Examination Program) exams may be used to gain course credit.

The placement tests and CLEP exams are scheduled through:

**The Testing Center**  
310 Davidson Hall  
(502) 852-6606

Students with learning or other disabilities that may interfere with placement test accuracy should contact the Disability Resource Center (502) 852-6938.

### Transfer Credits

Transfer credits are formally evaluated only when students are accepted into a degree-granting unit.

### Enrollment

Students must be admitted to UofL and registered for classes by the end of the first day of classes. Continuing Studies students may enroll for a maximum of 8 hours in any semester or summer session. Students must have a grade point average of 2.0 or better to remain in good standing. Students may enroll in undergraduate classes for which they have completed the prerequisites or by faculty permission.

Students with 24 credit hours must apply for admission and be accepted by a degree-granting unit if they wish to continue their course work. Units will determine which of a student's previously earned credits will apply to a particular degree or major.

Students who wish to audit courses can register for classes before the deadline and then have the audit form signed by the professor and taken directly to the Registrar's office to change the class from graded to audit.

Post-Baccalaureate students who wish to take a graduate class must get approval from the School of Interdisciplinary and Graduate Studies; interested individuals should call (502) 852-6495 for details.

### University Grade Point Average

The University of Louisville calculates a University Grade Point Average, which becomes the standard measure of performance and the official university calculation upon which academic decisions are made. The University Grade Point Average is determined at the undergraduate level, and is based upon all undergraduate course work taken at the University of Louisville.

Courses numbered below the 100 level (000-099) will not be used in the earned hours or University Grade Point Average calculation.<sup>1</sup>

Continuing Studies students must follow the instructional unit's policies concerning adding or withdrawing from classes, pass/fail grading, incompletes, and audits.

Academic bankruptcy is not available to Continuing Studies students.

### Academic Standing

Students in good standing must maintain a 2.0 cumulative Grade Point Average (GPA) in all coursework taken while enrolled in Continuing Studies.

Failure to attain a 2.0 GPA after the first semester results in Academic Warning and a restriction to an enrollment of 6 semester hours. Failure to attain a 2.0 GPA after two semesters results in Academic Probation and a restriction to an enrollment of 3 semester hours. Academic support is available for students on Academic Probation.

In any subsequent semester, a student whose Grade Point Average falls below 2.0 will be suspended from Continuing Studies.

### Period Out

Students suspended from Continuing Studies after a fall semester must sit out the following spring semester; students suspended after a spring semester must sit out the following summer and fall semesters; and students suspended after a summer semester must sit out the following fall semester.

### Readmission

Students suspended from Continuing Studies may appeal to the Office of Admissions for readmission after the appropriate period out.

Readmission may also require assessment of the student's academic potential and readiness to return.

To apply for readmission, students must complete both an application for admission and a petition form, available on the Office of Admissions website. High school credentials and college transcripts may also be requested for review. The forms must be returned to the office at least one month before the first day of classes for the semester for which readmission is requested.

**Note:** Courses taken at another institution while suspended from Continuing Studies may not be accepted for transfer credit.

### Normal and Maximum Course Loads

The maximum load for each semester is 8 credit hours. Students with superior scholastic records and/or extenuating situations (e.g., Vocational Rehabilitation, 4C's, or Military/GI Bill) may petition for an overload permission to take additional hours.

### Federal Veterans Educational Benefits

Students are eligible for benefits while enrolled in Continuing Studies. Contact the Veteran Affairs Coordinator in the Registrar's Office at (502) 852-0998 for details.

### Financial Aid

Continuing Studies students are not eligible for State or Federal Financial Aid.

### Additional Information

For more information regarding Continuing Studies, go to: [louisville.edu/admissions/apply/cs](http://louisville.edu/admissions/apply/cs) (<http://louisville.edu/admissions/apply/cs/>)

<sup>1</sup> Credits earned after summer 1998

## J.B. Speed School of Engineering



### J.B. Speed School of Engineering

J.B. Speed Building, Suite 221  
University of Louisville  
Louisville, KY 40292

Phone: (502) 852-6281

Email: [speed@louisville.edu](mailto:speed@louisville.edu)

Website: [engineering.louisville.edu](https://engineering.louisville.edu) (<https://engineering.louisville.edu>)

Social: Facebook (<https://www.facebook.com/pages/JB-Speed-School-of-Engineering/196728607016722/>), Flickr ([http://www.flickr.com/photos/UofL\\_SpeedSchool/](http://www.flickr.com/photos/UofL_SpeedSchool/)), Twitter (<https://twitter.com/UofLSpeedEng/>), YouTube (<http://www.youtube.com/univoflouisville/>)

## About

The mission of the J.B. Speed School of Engineering is to serve the university, the Commonwealth of Kentucky, and the engineering profession by providing high-quality educational programs to all students; engaging in research and scholarship that will extend knowledge; and assisting the economic development of the regional, state, and national economies through technology transfer.

The Speed Scientific School was established as part of the University of Louisville in September 1924 as a result of a \$250,000 endowment from the James Breckenridge Speed Foundation. James Breckenridge Speed (1844–1912) was a descendant of the prominent Speed family and an industrial pioneer in the City of Louisville. An illustrious business leader, he oversaw the establishment of Louisville's street railway system, developed and operated large coal interests in Kentucky and was president of the Louisville Cement Company and the Ohio Valley Telephone Company. These industries, in which he maintained an active interest until his death in 1912, were a nucleus around which the City of Louisville and its greater metropolitan area grew to their present industrial stature. It is fitting that his memory be perpetuated in an engineering school bearing his name.

A pioneer class of 72 students started in Fall 1925 in chemical, civil, electrical, and mechanical engineering. The newly renovated Brigman Hall served as the main engineering building until 1942. Upon its inception, the Speed Scientific School offered a four-year Bachelor of Science degree based on a quarter plan, with alternating quarters of coursework and cooperative industry experience in the sophomore and junior years. To this day, the cooperative education program has been a mainstay of the curriculum and Speed School remains as one of the few engineering schools with a mandatory program.

The engineering campus continued to grow through the generosity of Dr. William S. Speed and Mrs. Olive Speed Sackett, the children of James Breckenridge Speed and benefactors of his foundation, and Mrs. Virginia Speed, his wife. They made additional grants toward the erection of the James B. Speed Building (1942), Frederic M. Sackett Hall (1948), and William S. Speed Hall (1958). The Institute of Industrial Research (1946) was also constructed during this period and was later renovated to become the Laura Kersey Library, named after the first Speed School librarian. Kersey Library was again renovated in 2009 and is now the Dutchie Center for Engineering.

The Speed School campus continued its growth on the south side of Eastern Parkway. The Chemical Engineering Building was built in 1967 and renamed in 1975 to honor Robert C. Ernst, who served as the third Dean of Speed School. The Vogt Building, a computerized engineering design center, was built in 1989 to honor Henry Vogt, whose family continues to play an important role in Speed School. Speed School then spread to the other side of Eastern Parkway with the construction of the New Academic Building in 1996. This building was later dedicated to Paul B. Lutz, an outstanding engineering faculty member and benefactor. Lutz Hall houses several research labs and centers and is home to the bioengineering program, the newest of the degree programs. In the 1970s the school had also added degree programs in computer engineering and industrial engineering. The newest addition to the Speed campus is the Shumaker Research Building (2006), housing a world-class cleanroom facility and numerous engineering research efforts.

In 2004, the J.B. Speed Scientific School officially changed its name to the J.B. Speed School of Engineering, reflecting its emphasis on

engineering. It is also simply referred to as Speed School by those familiar with the school.

A formal definition of engineering was approved in 1979 by the Engineers Council for Professional Development, now known as the Engineering Accreditation Commission of ABET (<https://www.abet.org>), the accrediting board for engineering and technology programs. This definition still applies today:

*"Engineering is the profession in which knowledge of the mathematical and natural sciences gained by study, experience, and practice is applied with judgment to develop ways to utilize, economically, the materials and forces of nature for the benefit of mankind."*

Students of engineering should graduate with knowledge of engineering sciences and design, experience working in teams, have strong written and oral communication skills, and be well-versed on the impact of solutions in a global, economic, environmental, and social context. In particular, engineers have a duty to society to understand and abide by their discipline's Codes of Ethics. The preamble of the National Society of Professional Engineers (NSPE) Code of Ethics for Engineers states:

*"Engineering is an important and learned profession. As members of this profession, engineers are expected to exhibit the highest standards of honesty and integrity."*

*Engineering has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by engineers require honesty, impartiality, fairness, and equity, and must be dedicated to the protection of the public health, safety, and welfare. Engineers must perform under a standard of professional behavior that requires adherence to the highest principles of ethical conduct."*

## Structure

The engineering programs are structured such that students will complete a program consisting of a combined eleven semesters (eight academic work and three co-operative internships) in Departmental Studies to complete the Bachelor of Science degree, followed by a fifth year in Graduate Studies for the Master of Engineering degree. To complete the program in five years, Speed School students have a full course load during the summer semesters. The curriculum is designed as an integrated five-year program, with a cooperative education component, culminating in the Master of Engineering (MEng) degree. The Bachelor of Science and Master of Engineering programs are both accredited by the Engineering Accreditation Commission (EAC) of ABET (<http://www.abet.org/>). Additionally, both BS CSE and MEng CSE degrees are also accredited by the Computing Accreditation Commission (CAC) of ABET (<https://www.abet.org/>).

The Engineering Fundamentals Department teaches engineering mathematics courses and other introductory engineering courses. The department focuses on creating a positive and supportive environment that helps students succeed in their studies and finalize their selection of engineering major. Departmental faculty strive to achieve excellence in teaching while introducing students to the engineering profession and providing them with fundamental engineering skills through a common set of core courses that begin in the freshman year. The department houses Speed School's Center for Teaching and Learning Engineering (CTLE) that fosters the development, evaluation and adoption of innovative teaching methods, both traditional and technology enabled.

The Bachelor of Arts in Computer Science (BA CS) program is structured to include eight semesters of academic work and two semesters of

internship experience (during Summer semesters). Included within the planned hours of the program, are 30 credit hours designated as "Other Area of Study". These hours allow BA CS students a high degree of flexibility to pursue other interests, but it is highly encouraged that some or all of these hours be used toward the completion of a Minor.

## Speed School Administration

The complete and up-to-date list of Speed leadership (<http://engineering.louisville.edu/about/administration/>) is located on the Speed School website.

## Faculty and Departmental Information

The complete and up-to-date lists of departments (<http://engineering.louisville.edu/academics/departments/>) and faculty also are located on the Speed School website.

## Advising Services

Upon admittance to the J.B. Speed School of Engineering, students will be assigned an academic counselor. The academic counselors introduce students to a range of services provided by the J.B. Speed School of Engineering and will guide and support students as they advance through the engineering curriculum.

The J.B. Speed School of Engineering staffs professional academic counselors dedicated to:

- Assisting students in selecting appropriate required and elective courses
- Helping students determine choice of major
- Assisting students who are experiencing academic difficulties in their courses
- Maintaining complete and accurate files on each advisee in order to monitor progress toward career goals
- Assisting students to identify opportunities for engagement

All BS and MEng students are required to be advised by their academic counselor each semester. Students will be unable to register for classes until cleared by their academic counselor. Academic counselors are located in the Engineering Office of Student Success, located in the lower level of the J.B. Speed Building.

For further information about academic advising in the School of Engineering, call (502) 852-8084 or email the Advising Office (<http://louisville.edu/cgi-bin/uofl.mail?name=ssadvise>).

## About the Programs

### Engineering Programs

The engineering programs of the University of Louisville are offered through the J.B. Speed School of Engineering. The typical undergraduate program of study covers a period of four calendar years spanning eleven semesters, which includes three summer semesters. Study includes both academic course work and three semesters of cooperative work experience with industry, wherein a student is provided with conditions similar to those encountered in engineering practice.

Upon successful completion of undergraduate study and cooperative education, the student receives the Bachelor of Science degree in one of seven areas of specialization (see Programs of Study tab).

Students completing requirements for the Bachelor of Science degree at the J.B. Speed School of Engineering and achieving the required

grade point average are encouraged to complete the requirements for the Master of Engineering (MEng) degree if the professional practice of engineering is a career objective. The five-year MEng program at the University of Louisville includes one year of graduate study beyond the four years of undergraduate studies.

Additionally, the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors allows a student of the J.B. Speed School of Engineering who has completed 105 semester hours in an engineering curriculum to sit for the Fundamentals of Engineering examination as part of the requirements for registration as a Professional Engineer in Kentucky. The Bachelor of Science and Master of Engineering programs are both accredited by the Engineering Accreditation Commission (EAC) of ABET (<http://www.abet.org/>). Additionally, both BS CSE and MEng CSE degrees are also accredited by the Computing Accreditation Commission (CAC) of ABET (<https://www.abet.org/>).

Students with a Bachelor of Science degree from another accredited program who come to the J.B. Speed School of Engineering to pursue an advanced degree normally enter into a Master of Science (MS) or doctoral (PhD) program. In addition to the previously mentioned seven areas of specialization, a master's program in Engineering Management is also offered by the Industrial Engineering Department. The Master of Science and Doctor of Philosophy degrees are available in all areas of specialization except for bioengineering which offers a PhD in Interdisciplinary Studies: Specialization in Translational Bioengineering. Information about these degrees and other advanced degrees awarded by the University of Louisville may be obtained from the Graduate Catalog (<http://catalog.louisville.edu/graduate/programs-study/>).

The conferring of degrees by the University of Louisville is conditioned upon timely completion of all requirements in the opinion of the Dean and faculty and issuance of appropriate formal documents by the Registrar, regardless of participation in commencement.

## Applied Science Programs

The J.B. Speed School of Engineering currently offers one Applied Science Program, the Bachelor of Arts in Computer Science (BA CS). The BA CS program includes eight semesters of academic work and two semesters of internship experience (during Summer semesters). Included within the planned hours of the program, are 30 credit hours designated as "Other Area of Study". These hours allow BA CS students a high degree of flexibility to pursue other interests, but it is highly encouraged that some or all of these hours be used toward the completion of a Minor. Many sectors are currently in need of workers who both possess Computer Science skills and have expertise related to the field of application. The BA CS program, with an accompanying Minor in such fields, is designed to fulfill this need.

## Accreditation

The agency responsible for the accreditation of educational programs leading to degrees in engineering is the Engineering Accreditation Commission (EAC) of ABET (<https://www.abet.org>). The purpose of accreditation is to identify those institutions which offer professional programs in engineering and demonstrate that the programs meet specified criteria. Accreditation of engineering programs began in 1932 and the University of Louisville's engineering programs have been continuously accredited from this time.

The program must have documented student outcomes that support the program educational objectives. Attainment of these outcomes prepares graduates to enter the professional practice of engineering. Student

outcomes are outcomes (1) through (7), plus any additional outcomes that may be articulated by the program.

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

All undergraduate Speed School programs demonstrate that these outcomes are attained through an assessment process documented with the Engineering Accreditation Commission (EAC) of ABET (<https://www.abet.org>). The BS CSE degree program is also accredited by the Computing Accreditation Commission (CAC) of ABET (<https://www.abet.org>).

The Engineering Accreditation Commission (EAC) of ABET (<https://www.abet.org>) accredits programs at either the basic or advanced level. The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The program curriculum must provide adequate content for each area, consistent with the student outcomes and program educational objectives, to ensure that students are prepared to enter the practice of engineering. The general basic (baccalaureate) level curricular content:

- a minimum of 30 semester credit hours (or equivalent) of a combination of college-level mathematics and basic sciences with experimental experience appropriate to the program.
- a minimum of 45 semester credit hours (or equivalent) of engineering topics appropriate to the program, consisting of engineering and computer sciences and engineering design, and utilizing modern engineering tools.
- a broad education component that complements the technical content of the curriculum and is consistent with the program educational objectives.
- a culminating major engineering design experience that 1) incorporates appropriate engineering standards and multiple constraints, and 2) is based on the knowledge and skills acquired in earlier course work.

The general criteria for advanced level (master's) programs are:

- Fulfillment of basic level (baccalaureate) criteria.
- Fulfillment of program criteria appropriate to the masters level specialization area.
- One year of study beyond the basic level.

The University of Louisville is currently the only university in the country with programs having both baccalaureate- and master's-level accreditation. The accredited programs are the Bachelor of Science (BS) and Master of Engineering (MEng) programs in Bioengineering, Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering, Industrial Engineering, and Mechanical Engineering.

## Code of Student Conduct

The Code of Student Conduct is the University's policy regarding non-academic discipline of students. The general responsibility for non-academic discipline of all students enrolled in the University of Louisville shall be vested in the Office of the Vice President for Student Affairs. The Dean of Students Office has been delegated the responsibility of administering the Code of Student Conduct. The Code of Student Conduct is available online (<http://louisville.edu/dos/students/codeofconduct/>).

## Code of Student Rights and Responsibilities

The Code of Student Rights and Responsibilities is set forth in writing in order to give students general notice of certain of their rights and responsibilities at the University of Louisville. Further rights and responsibilities are set forth in other University rules and policies, including the Code of Student Conduct and academic unit bulletins. The Code of Student Rights and Responsibilities is available online (<http://louisville.edu/dos/students/studentrightsandresponsibilities/>).

## Student Classroom Conduct

Students are expected to cooperate with all instructors to achieve an optimal learning environment. Conduct that disrupts such an environment will be dealt with and may result in the student being withdrawn from the course and/or facing additional academic penalties.

## Academic Dishonesty

A primary goal of the School of Engineering is to educate people who will serve the engineering community with competence and integrity. Academic dishonesty is a serious offense at the J.B. Speed School of Engineering (SSoE) because it undermines the bonds of trust and honesty between members of the community and defrauds those who may eventually depend upon our knowledge and integrity. Students are expected to recognize and to uphold standards of intellectual integrity. The School of Engineering assumes, as a minimum standard of conduct in academic matters, that the student is honest; credit for courses is given and received on the assumption and condition that all work submitted represents the student's own efforts. Academic dishonesty is defined in the Code of Student Rights and Responsibilities. It is the student's responsibility to become familiar with the Code.

In accordance with the Code of Student Rights and Responsibilities, academic dishonesty is prohibited at the University of Louisville.

1. An instructor who believes a student has committed an act of academic dishonesty will notify the student. This notification will include an explanation of the basis for the allegation and the academic penalties. Academic penalties are penalties associated with the class in question, such as re-submission of alternate assignment, F on the assignment, F for the course, etc. The student will have 10 school days to notify the instructor whether the student accepts or does not accept the academic penalties. Failure to notify the instructor within 10 school days will be interpreted as an acceptance of the academic penalty.

2. If the student accepts the instructor's academic penalties the following actions will occur:

- The instructor implements the academic penalties.
- The instructor notifies the department chair and SSoE Associate Dean of Academic Affairs of the incident and imposed penalties within 10 school days of receiving the student's notification of accepting the penalties.
- The SSoE Associate Dean for Academic Affairs will review the documents within 10 school days of receipt and issue a decision regarding whether any administrative sanctions will be imposed on the student by the J.B. Speed School of Engineering, and whether any University-wide sanctions will be recommended to the Provost. Administrative penalties may include suspension or expulsion from the J.B. Speed School of Engineering or the University of Louisville. The Dean will notify the student, the instructor and the Department Chair of this decision. The Dean will forward any recommended University-wide sanctions to the Provost.

3. If the student does not accept the instructor's academic penalties, the following actions will occur:

- The department chair, or, if the department chair is the instructor making the allegation, the SSoE Associate Dean of Academic Affairs will meet with the student in a timely manner.
- At the meeting, the student will be provided an opportunity to present oral testimony and written evidence. The burden of establishing the student's guilt rests with the instructor, who must do so by a preponderance of the evidence. After the meeting, the department chair or the Associate Dean, as appropriate, will render a decision within 10 school days of meeting with the student and submit written documentation of the incident and decision to the SSoE Associate Dean of Academic Affairs.
- If the student fails to appear at the meeting a final decision will be rendered by the department chair or SSoE Associate Dean of Academic Affairs.
- The SSoE Associate Dean for Academic Affairs will review the documents within 10 school days of receipt and issue a decision regarding whether any administrative sanctions will be imposed on the student by the J.B. Speed School of Engineering, and whether any University-wide sanctions will be recommended to the Provost. Administrative penalties are penalties may include suspension or expulsion from the J.B. Speed School of Engineering or the University of Louisville. The Dean will notify the student, the instructor and the Department Chair of this decision. The Dean will forward any recommended University-wide sanctions to the Provost.

As per the University of Louisville Code of Student Rights and Responsibilities (<http://louisville.edu/dos/students/studentrightsandresponsibilities/>), an academic unit that determines that a student is guilty of academic dishonesty may impose any academic punishment on the student that it sees fit, including suspension or expulsion from the academic unit. A student has no right to appeal the final decision of an academic unit. However, a student who believes that they has been treated unfairly, have been discriminated against, or have had their rights abridged by the academic unit may file a grievance with the University Student Grievance Committee. The University of Louisville Student Complaint and Grievance Procedures are detailed here (<http://louisville.edu/provost/redbook/contents.html/chap6.html#ART68>). An academic unit that suspends or expels a student from the academic unit

because the student has been found guilty of academic dishonesty may recommend to the University Provost in writing that the student also be suspended or expelled from all other programs and academic units of the University. Neither the student nor the academic unit shall have the right to appeal the Provost's decision. However, a student who believes that they have been treated unfairly, has been discriminated against, or has had their rights abridged by the issuance of a decision by the Provost may file a grievance with the University Student Grievance Committee.

## Student Complaints

If a student has a complaint about courses, grades, deficiencies, or decisions made by faculty members, advisors, department chairs, directors, etc., they should use the procedure outlined below.

- The student should first discuss the matter with the person involved and attempt to resolve the complaint through informal discussion.
- If there is no resolution, the student should discuss the matter with that person's supervisor or immediate superior in the department or office, who should attempt to mediate a resolution.
- If there is no resolution as the result of these discussions, the student should write to the appropriate department chair or director specifying the nature of the concern, with a copy of the letter to the Associate Dean for Academic and Student Affairs.
- If the student is unable to obtain a resolution through these procedures, he or she may request the Student Grievance Office to attempt informal mediation of the problem.

A student wishing to file a formal complaint should do so with the Dean of Students Office. See procedure here: [louisville.edu/dos/help/student-complaint-procedure](http://louisville.edu/dos/help/student-complaint-procedure) (<http://louisville.edu/dos/help/student-complaint-procedure/>).

## Undergraduate Programs

### B

- Bioengineering (BS) (p. 144)

### C

- Chemical Engineering (BS) (p. 159)
- Civil Engineering (BS) (p. 171)
- Computer Engineering (Minor) (p. 484)
- Computer Science (BA) (p. 184)
- Computer Science (Minor) (p. 485)
- Computer Science and Engineering (BS) (p. 186)

### E

- Electrical Engineering (BS) (p. 214)

### I

- Industrial Engineering (BS) (p. 254)

### M

- Mechanical Engineering (BS) (p. 271)

## Raymond A. Kent School of Social Work and Family Science



**Raymond A. Kent School of Social Work and Family Science**  
Oppenheimer Hall  
University of Louisville  
Louisville, KY 40292

Phone: 502.852.6402  
Email: [bswkent@louisville.edu](mailto:bswkent@louisville.edu)  
Website: [louisville.edu/kent/](http://louisville.edu/kent/) (<http://louisville.edu/kent/>)

### About the School

The Kent School of Social Work seeks to prepare well-qualified social workers who practice from a strong professional value base to serve the metropolitan mission of the university. Our graduates promote social justice through their practices with diverse client systems. In the context of a research institution, Kent School is committed to knowledge development that informs social work practice, recognizing the importance of interdisciplinary collaboration to solve complex social problems.

Social work is a profession concerned with the prevention and amelioration of social problems and the enhancement of the quality of human life. Social workers achieve these goals through direct practice with individuals, families, groups, and community organizations; advocacy; social planning; social policy analysis and formulation; research; and administration. Social work practice helps people mobilize their resources to deal with present circumstances and to enlarge their prospects for the future. Since problems of meaningful way in isolation from the broad social and community context in which they occur, social work also takes a leadership role in bringing about institutional and social change.

### Structure

The School provides a broad-based education for college or university graduates wishing to continue their studies and for professionals returning to school to enhance their skills. The Bachelor of Social Work (BSW) degree program is designed to prepare students for entry into the profession as generalist practitioners. The Master of Science in Social Work (MSSW) degree program is designed to help students achieve their maximum potential through a carefully structured curriculum of foundation and advanced course work. Preparation for leadership in advanced professional practice is a vital part of the School's curriculum.

Bachelors of social work programs, under the accreditation banner of the Council on Social Work Education (CSWE), are directed in matters of

curriculum to promote the knowledge, values and skills of the profession. At the baccalaureate level, students are prepared for entry into the profession as generalist practitioners. Guided by program mission and goals, the generalist model is built upon a conceptual framework that includes relevant theories and knowledge to build practice skills. The professional level courses at the junior and senior year level are grounded in the liberal arts and carefully integrate that knowledge into the learning of professional content. The Educational Policy and Accreditation Standards of CSWE establish the base of program learning expectations.

### Goal I (Curriculum)

To ensure that graduates will be prepared at the foundation level to practice social work that is framed by a generalist practice base, and an ability to understand social problems at multiple levels.

The program objectives derive directly from the Educational Policy (3.0) of CSWE in preparing students for practice at the generalist level and also for providing a firm foundation for those who seek graduate educational opportunities in social work. To meet those requirements, the Kent School has established the following program objectives that will frame the assessment of learning that obtains to the BSW Program.

Students who graduate from the BSW Program will demonstrate the ability to:

- Objective 1: Apply critical thinking skills within the context of professional social work practice.
- Objective 2: Understand the value base of the profession and its ethical standards and principles, and practice accordingly.
- Objective 3: Practice without discrimination and with respect, knowledge, and skills related to clients' age, class, color, culture, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation.
- Objective 4: Understand the forms and mechanisms of oppression and discrimination and apply strategies of advocacy and social change that advance social and economic justice.
- Objective 5: Understand and interpret the history of the social work profession and its contemporary structures and issues.
- Objective 6: Apply the knowledge and skills of a generalist social work practice with systems of all sizes.
- Objective 7: Use theoretical frameworks supported by empirical evidence to understand individual development and behavior across the life span and the interactions among individuals and between individuals and families, groups, organizations, and communities.
- Objective 8: Analyze, formulate, and influence social policies.
- Objective 9: Evaluate research studies, apply research findings to practice, and evaluate their own practice interventions.
- Objective 10: Use communication skills differentially across client populations, colleagues, and communities.
- Objective 11: Use supervision and consultation appropriate to social work practice.
- Objective 12: Function within the structure of organizations and service delivery systems and seek necessary organizational change.

### Goal II (Curriculum)

To prepare students for advanced graduate work in social work.

- Objective: The Kent School will prepare students with a quality education that will support their admission to and successful completion of graduate social work degrees.

### **Goal III (School's relationship with the community)**

To build collaboration and partnerships for community building and problem solving:

- Objective: The Kent School will provide professional expertise in the community in partnership with agencies and institutions to build a stronger community in the metropolitan region of Louisville.

### **Goal IV (Overall program goal)**

To contribute to the development of new social work knowledge through scholarship and research.

- Objective: The Kent School will develop research and scholarship that adds to the knowledge base of the social work profession.

## **About the Programs**

The Kent School Curriculum is designed to enhance students' ability to help them and the diverse client systems they work with to make decisions that contribute to the quality and health of these client systems and that will promote social justice. It is designed to graduate social workers who think critically about what they do, why they do it, and what outcomes they hope will result from the social work practice they do.

Critical thinking is defined as "the intellectual disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief or action" (Scriven & Paul, 2004). Critical thinking includes specific skills such as problem-solving and the ability to integrate knowledge from multiple disciplines and theories of human behavior. Throughout the curriculum, there is an emphasis on critical reflection, or appraisal of various points of view no matter what the source. The curriculum draws heavily on social science knowledge and integrates this with problem-solving phases such as assessment, intervention, and evaluation. In this respect, the curriculum is designed to teach students to access, integrate, and assess practice and policy related research to solve social problems and to work towards social justice. When critical thinking skills are used effectively, it leads to transparency and promotes social change, particularly with and on behalf of vulnerable and oppressed individuals and groups of people.

In the foundation curriculum, students are introduced to critical thinking. They are guided by faculty to develop critical thinking skills throughout all the foundation level courses. The BSW curriculum promotes a generalist perspective in which the simultaneous impact of many systemic levels (individuals, families, groups, organizations, and communities) on clients' lives is critically analyzed and recognized. The curriculum builds upon a liberal arts base that fosters an understanding of society as a complex organization of diverse people and ideas. Social problems are understood as occurring within the nexus of culture, conflict, development, ecology, and systems and as such, efforts to help or intervene must include consideration of these forces. Students will be able to critically identify and assess social problems, specifically attending to 1) how such problems are maintained, 2) how they impact the quality of people's life, 3) cultural sensitivity and appreciation of marginalized people, and 4) how to actively promote social and economic justice. In the foundation year, the focus is on the development of critical thinking skills in all the areas mentioned. The BSW curriculum is to prepare students for generalist practice; that is to develop knowledge and skills for entry level professional social work practice that recognizes the importance of multi-level systemic intervention.

## **Academic Misconduct**

It is expected that a student in the Kent School of Social Work will refrain from plagiarism and cheating. Plagiarism and cheating are serious breaches of academic conduct and may result in permanent dismissal. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty.

## **Multiple Submission**

The submission of substantial portions of the same academic work, including oral reports, for credit more than once may be considered plagiarism without prior authorization by the teacher.

## **Student Conduct Policies**

Students entering the Kent School of Social Work, by their formal acceptance into the School, agree to abide by The Code of Ethics of the National Association of Social Workers (<https://www.socialworkers.org/About/Ethics/Code-of-Ethics/Code-of-Ethics-English/>) and the Code of Student Conduct of the University of Louisville.

The NASW Code of Ethics provides guidelines for the professional conduct of social workers. Since the profession is directed by a commitment to core values, the Code provides for conduct related to principles of service, social justice, dignity and worth of the individual, the importance of human relationships, integrity, and competence. These values and the standards inherent in them provide a context for expected behavior during the period of enrollment in the educational programs of the Kent School of Social Work, and for the development of lifelong professional standards. Issues of concern related to this area are referred to the Academic and Professional Standards Review Committee.

## **Dismissed Students**

If the Academic and Professional Standards Review Committee decide to dismiss a student from Kent School and if this dismissal is approved by the Dean, students will only be allowed to return to Kent School in rare cases. Students who wish to return must write an appeal letter to the BSW Director, stating their reasons why they think they can return to Kent School to complete their studies.

## **Advising Services**

The Kent School of Social Work Advising and Student Services strives to provide students with excellent academic advising, consistent and accurate program information, and services related to registration, financial aid, and admissions.

Our office is located in Oppenheimer Hall. Please call for an undergraduate advising appointment, questions concerning enrollment and student services, or information regarding application to the BSW program. You can reach us by calling (502) 852-5872 or email us at [bswkent@louisville.edu](mailto:bswkent@louisville.edu).

## **Kent School Administration**

The complete and up-to-date list of Kent School leadership (<http://louisville.edu/kent/about/kent-school-organization-chart-1/view/>) is located on the Kent School website.

## **Faculty and Departmental Information**

The complete and up-to-date list of Kent School faculty (<http://louisville.edu/kent/about/faculty-1/>) is located on the Kent School website.

## Undergraduate Programs

- Social Work (BSW) (p. 436)

## School of Dentistry



### School of Dentistry

Office of Student Affairs, Room 234  
501 South Preston Street  
Louisville, KY 40202

Email: [dhygiene@louisville.edu](mailto:dhygiene@louisville.edu)

Phone: (502) 852-5081

Website: [louisville.edu/dentistry/degrees/hygiene](http://louisville.edu/dentistry/degrees/hygiene) (<http://louisville.edu/dentistry/degrees/hygiene/>)

### Advising Services

Monday and Thursday:  
Studio Arts/HSC Advising Center Room 103

Tuesday, Wednesday, Friday:  
School of Dentistry 501 S. Preston St.

## About the School of Dentistry

Offering outstanding clinical education with state-of-the-art simulation education and technology, and leading biomedical research, the University of Louisville School of Dentistry (ULSD) continues to provide quality education and unique opportunities.

The School of Dentistry is a state-supported institution located in the Louisville metropolitan area. The three-story School of Dentistry building occupies almost 200,000 square feet at the Health Sciences Center downtown campus. The recently renovated clinical and laboratory facilities with state-of-the-art equipment create an environment similar to a private practice setting. Clinical areas in the School of Dentistry are built out in a secure containment cubicle system. In the cubicle, the student conducts his or her practice in an atmosphere of privacy and safety which enhances efficiency and self-confidence for patient-centered care.

The School of Dentistry offers degree programs at the undergraduate, graduate and professional levels. The undergraduate Bachelor of Science in Dental Hygiene program offers students opportunities to learn alongside their future peers in the dental profession.

## About the Dental Hygiene Program

The Office of Dental Student Affairs is available to assist students in planning their academic program and to provide students with information regarding policies, procedures, and general information.

It is the student's responsibility to be knowledgeable of the policies and procedures, and to take the initiative in seeking help and advice. Students are encouraged to contact the office whenever they have a question, a problem, concern.

### Name/Address Changes

It is the student's responsibility to update any change in name, address, or telephone number. The student must complete a name/address change through ULink available from the UofL website.

### Minimum Technical Standards

The University of Louisville School of Dentistry embraces diversity. Admission to the School is open to all qualified individuals and complies with section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (1993).

The School recognizes the award of a Bachelor of Science in Dental Hygiene degree confirms the graduate is competent to practice dentistry. Our graduates are prepared and, upon state licensure, permitted to practice in the dental profession. Students become partners in learning as they acquire the knowledge and skills needed to meet today's challenges in the dental profession. Students rely upon their cognitive and technical skills to successfully negotiate the curriculum.

The School is aware of the unique nature of the dental curriculum. Applicants must possess the skills and abilities that will allow them to successfully complete the course of study and receive the full benefit of the education. This includes the completion of safe patient treatment. With this in mind, the student must be able to meet the following technical standards with or without accommodation:

- Fine Motor Skills
- Sensory/Observation
- Communication
- Cognitive
- Behavioral
- Immunizations

### Disability Statement

Students with disabilities who need reasonable modifications to successfully complete assignments and satisfy other course criteria are encouraged to meet with the course instructor as early as possible to identify and plan specific accommodations. Students may be asked to supply a letter from the Disability Resource Center or other documentation which will assist in modification planning.

### Student Conduct Policies

The University of Louisville expects its students and student organizations to conduct themselves according to generally accepted moral and social standards and to respect the rights and privileges of others. Students who enroll in the University of Louisville dental hygiene program are subject to the rules and regulations of the University.

The dental hygiene program requires high ethical standards. As future professionals, students must exhibit appropriate professional ethical behavior in all academic and clinical matters.

The School of Dentistry may terminate attendance of any student at any time, or remove from the list of degree candidates any student whom the Dean determines is or will not be able to satisfy the professional standards required of all candidates for Bachelor of Science in Dental Hygiene degree.

## Drug Use Prohibited

In accordance with the statutes of the Commonwealth of Kentucky, the possession, use or distribution of hallucinogenic and/or illegal drugs will not be tolerated on University property. Infractions will result in disciplinary action by the University which may lead to suspension or dismissal.

## Student Rights

Students who believe they have been treated unfairly, discriminated against, or have had their rights abridged may initiate a grievance in accordance with procedures established in the University's Redbook. Students would first seek to have the matter resolved through informal discussion and through administrative channels. Information about the grievance process should be obtained from the Associate Dean of Academic Affairs, and is found in the Student Handbook available through the student Blackboard organization.

## Student Health Policy

Each student must comply with the current health policy of the School of Dentistry. Because of contractual agreements with agencies and the changing needs of society, this policy is updated periodically. The current health policies are published in the School of Dentistry Dental Hygiene Student Handbook available in the student organization on Blackboard.

If faculty or an agency deem that any student creates a health or safety risk, the student may be excluded from the clinical experience and/or dismissed from the program.

## Liability and Health Insurance

All upper division dental hygiene students are required to submit proof of health insurance coverage. Students may elect coverage through the University's student health insurance coverage. If students carry their own coverage, they can waive the University student health coverage by completing the online waiver form and providing evidence of coverage.

Liability/malpractice insurance is provided for all ULSD upper division students during their intern and extern experiences.

## Immunization Requirements

All students are to comply with the University of Louisville Health Sciences Center immunizations requirements. Those requirements are distributed to students prior to matriculation.

Policies and procedures for immunization, testing, and post exposure incidents have been developed to comply with Occupational Safety and Health Administration (OSHA), Centers for Disease Control (CDC), American Dental Association (ADA), American Dental Hygienists' Association (ADHA), and extramural site recommendations or policies. Dental hygiene students, in the course of their clinical responsibilities, have exposure to blood, blood products, tissue, secretions, or body fluids of patients potentially containing hepatitis B (HBV) and are at risk for HBV as well as other infectious diseases. The following immunizations require documentation prior to matriculation and must be submitted on the Immunization Reporting Form to the Office of Clinical Affairs prior to the first day of class: measles, mumps, rubella, tetanus-diphtheria-pertussis, varicella, hepatitis-B (series must be initiated-first and second doses), and tuberculosis skin test. A tuberculosis skin test is required on

a yearly basis for all students. All students must maintain compliance with the University of Louisville Health Sciences immunization and testing requirements. Students must be in compliance with immunization and testing prior to contact with patients in the clinical areas. Any student not in compliance will not be allowed in the clinical areas.

Students are strongly advised to consider latex allergy testing prior to matriculation if there is a medical history indicating latex sensitivity.

## Transportation

Students are responsible for providing their own transportation to and from clinical sites as needed. Students are not allowed to provide transportation for patients.

## Policy on Clinical Attire

The University of Louisville School of Dentistry expects the student entering the professional clinical/academic program to present a neat, clean, and professional attired appearance. The current policy is published in the School of Dentistry Student Clinic Manual and is updated periodically. All students must maintain compliance with the current policy. Final evaluation of student compliance with the dress code will rest with the Office of Clinic Affairs and the program faculty and director.

## Academic Achievement Committee

The Dental Hygiene Academic Achievement Committee Guidelines (DH-AAC Guidelines) have been developed by the dental hygiene faculty of the School of Dentistry to provide students and faculty with pertinent information about the academic and professional standards of the School and about the process and procedures used to review student performance. Admitted upper division students are provided these guidelines, updated annually, via Blackboard.

Academic bankruptcy and forgiveness policies allow students who are returning to college after an absence of two or more years to request the adjustment of their records for one or more entire semesters of previous college work, provided certain criteria are met. View information on academic bankruptcy and forgiveness and the new Fresh Start policy in the academic policies section of this undergraduate catalog.

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## Advising Services

### Lower Division Advising

All dental hygiene students are encouraged to meet with an advisor to seek support and referral information as needed. The academic counselor for the dental hygiene program has office hours on both the Belknap and HSC campuses. Students may call (502) 852-5081 for an appointment on either campus.

Freshmen students and transfers with less than 30 credit hours earned are required to be advised prior to registration. Students on conditional, warning or probationary status must also be advised prior to registering for courses. Students who are out of sequence in their program of study must meet with their advisor to revise their program of study.

### Upper Division Advising

Academic advising is available to upper division students through the program director, program faculty, and the School of Dentistry Student Success Counselor. Support is available through the Office of Student Affairs and the Office of Academic Affairs, which work together to provide assistance including student counseling, tutor assignment, or course director discussion.

## Undergraduate Programs

- Dental Hygiene (BS) (p. 195)

## School of Music



### School of Music

University of Louisville  
Louisville, KY 40292

Phone: (502) 852-6907

Email: [gomusic@louisville.edu](mailto:gomusic@louisville.edu)

Website: [louisville.edu/music](http://louisville.edu/music) (<http://louisville.edu/music/>)

Social: Facebook (<http://www.facebook.com/uoflmusic/>), YouTube (<https://www.youtube.com/uoflschoolofmusic/>)

## About the School of Music

The University of Louisville School of Music offers the serious student of music an opportunity to study with distinguished faculty and to participate in a wide range of musical activities, both within the School and the community. Historically and philosophically, the School has had a profound impact on the cultural life of Louisville; its faculty and administration have provided much of the leadership and talent for such groups as the Louisville Orchestra, the Kentucky Opera Association, the Louisville Bach Society, and the Chamber Music Society.

The goals of the School of Music are to train students for careers in music and to enhance the quality of life for the University and larger public through performances, compositions, research, and instruction. While pursuing their studies, students are exposed to a full schedule of concerts and recitals by world-renowned artists and performers.

The School of Music, founded in 1932, has been located on the Belknap Campus since 1980 in a building which was designed and built specifically for music. It contains two recital halls, a 15,000 square-foot music library, 44 teaching studios, 76 practice rooms, and three dance studios.

### Music Administration

The complete and up-to-date list of Music leadership is located on the School of Music website (<https://louisville.edu/music/about/>).

### Faculty & Departmental Information

The complete and up-to-date lists of departments and faculty (<http://louisville.edu/music/faculty-staff/>) also are located on the School of Music website.

## Advising Services

All School of Music students are advised by the Academic Counselor who assists with registration, monitors progress in courses required for their major, and reviews progress made toward completion of Upper Division course prerequisites.

Advising is required for all music students until they have completed all prerequisites for Upper Division courses (see the Upper Division Assessment on the following section of this document; the Upper Division Assessment can also be found in each degree plan in the degree section of the catalog). Students will be blocked from registration for classes until the advising requirement has been satisfied. Students on Academic Warning or Probation music be advised.

## About the Program

A complete listing of all policies and procedures specific to the School of Music in support of the music degree requirements may be found in the *School of Music Undergraduate Student Handbook*.

The officials and instructors of the School of Music do not assume the responsibility of notifying students concerning the regulations of the School of Music or their particular status in regard to credits, requirements, or quality points. They are more than willing to inform them at any time they request the information. It is the responsibility of students to inform themselves in regard to grades, credits, requirements, quality points, and the regulations applying to students in the School of Music. The schedules, fees, and regulations specified are subject to change without notice. Any email communication with students will be on their university email only. Students must be responsible and check their university email on a daily basis.

## Enrollment

In order to take music courses, students must be enrolled in the School of Music or have permission of the instructor.

## Official Notices

Students must respond to official notices issued by administrative boards or sent by individual letters. Failure to comply may lead to suspension from the school. During the semester, an instructor will notify each student whose work is below the grade of C and will report his/her name to the Dean.

## Music Fees

All School of Music majors are charged a Student Music Fee each semester, pro-rated for part-time students. This fee helps to offset expenditures exclusively related to music majors including, but not limited to accompanists, technology and infrastructure, student activities, and student tickets to concerts. In direct support of the students' success in the program, the fee provides free access to four one-hour services each semester with a staff piano accompanist, the option of free half-hour secondary instrument applied music lessons for up to four semesters dependent on space available/permission of secondary and major teachers, and free tickets provided to Louisville Ballet, Chamber Music Society, Kentucky Opera, Speed Concert Series, and Louisville Orchestra Classics events. Music minors and non-music majors approved to take applied lessons within the School of Music will be charged a Non-Music Major Applied Lesson Fee.

## Music Requirements

### Applied Music Lesson Credit

All full-time students pursuing a professional degree in music (with the exception of Music Therapy and Composition majors) will receive a one-hour private lesson per week in their major applied music subject, regardless of the number of credit hours allowed for the course. Music Therapy majors are required to take 8 credits of study on their principal instrument. This can be done in 4 semesters of 1 hour lessons at 2 credits each or 8 semesters of ½-hour lessons at 1 credit each, or a combination of the two. Composition majors take 4 semesters of 2-credit lessons and 4 semesters of 1-credit lessons. Students enrolled in the BA degree program will receive a minimum of a half hour lesson per week in applied music for four semesters. In general, applied music courses require one hour of daily practice for each hour of credit.

### Applied Music Teacher Assignment

Each entering student will be assigned to an applied music instructor. If the student prefers to choose his/her own teacher, every effort will be made to accommodate those students who wish to choose their own teachers. If, for any reason, a student desires to change applied music teachers, the student's request will be considered by the Concentration Coordinator in consultation with the Department Chair. In the event that the Concentration Coordinator is the student's current applied teacher, the Department Chair will appoint another faculty member from the Concentration to consider the request.

### Applied Music Grade Requirements

A student pursuing a degree in music who does not receive a grade of C-minus or above on their instrument or voice at the end of any semester must repeat that level. If a grade of C-minus or above is not received at the end of the next semester's study, the student will not be allowed to continue study in the School of Music. Exceptions to this rule must be by written notice of faculty action.

### Student Performance Requirement

Students taking applied lessons for 2 or 4 credit hours must perform at least once per semester in a public forum after receiving credit for their first semester of applied study.

### Applied Music Jury Examinations

Students requesting credit for applied music study, with the exception of Functional Study, shall be examined by a committee of the faculty at the end of each grading period. The means of assessment for Functional Study will be determined by the applied faculty member and clearly indicated in the syllabus. Students registered for MUS 202, MUS 204, MUS 206, MUS 212, or MUS 214 take the Sophomore Evaluation Applied Examination. Faculty may grade their own students on all applied exams, including the sophomore evaluation applied examination.

### Advanced-Standing Credit

Advanced-standing credit in any applied music subject (piano, voice, organ, guitar, band, or orchestral instruments) or in music theory will be granted only by examination, and then only after the student has satisfactorily pursued advanced work in that subject for one semester.

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for Theory IV (MUS 242) or Analysis (MUS 347 for BA General;

MUS 349 for BA Jazz Studies; MUS 350 for BA Music and New Media;) MUS 361-01 Music Literature; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with "S" for 4 semesters; Ensemble Participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105 and 3 additional General Education/Cardinal Core courses (<https://louisville.edu/provost/ger/>).

Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

## Participation in Ensembles

The following are the guidelines by which undergraduate music students participate in ensembles:

1. All full-time undergraduate music majors are required to participate each semester in the principal ensemble designated for their primary instrument:
  - a. Strings: Symphony Orchestra
  - b. Woodwind, brass, or percussion: Symphonic Band, Concert Band, Wind Ensemble, Wind Symphony, Marching Band \*
  - c. Voice: Collegiate Chorale, University Chorus \*
  - d. Keyboard/Guitar: Any of the above dependent upon qualifications and/or interests. \*
  - e. Jazz: Jazz Ensemble, Jazz Lab, Jazz Repertory Ensemble, Vocal Jazz Ensemble\*

\* Specific ensemble assignment is solely dependent on the result of the ensemble audition.

*Note: The principal ensemble is the only ensemble that can fulfill the ensemble requirement for each degree program.*

Full-time students who fail to enroll for a major ensemble each semester will be in violation of the catalog and subject to academic action. A student who fails to register for the appropriate ensemble during a semester will be placed on immediate Academic Warning. If the student has failed to resolve the ensemble registration by the end of the semester, the student will be placed on Academic Probation. A student who fails to register for the appropriate ensemble in a second consecutive semester will, if the ensemble has not been added by the end of the first week of classes, be placed on immediate Academic Suspension.

2. For all part-time students, participation in a principal ensemble must keep pace with the number of hours accumulated. For each 15 hours completed, at least one credit hour must be in ensemble.
3. Full-time non-degree (special) students must participate in an appropriate principal ensemble. Part-time non-degree students are not required to do so.
4. Music Therapy equivalency students holding a degree in music (or with a bachelor's degree in a different field, but whose transcripts indicate that they have taken eight ensembles), are not required to take an ensemble.
5. Under no circumstances will participation in amateur, semiprofessional, or professional organizations outside the University be substituted for the University requirement.
6. After achieving Upper Division status, the student may petition to have a different major ensemble substituted for the designated principal ensemble. The petition must be made prior to the ensemble auditions for the semester during which the substitution will take

place. Petitions for Fall semester substitutions will be due by April 21<sup>st</sup> of the preceding semester. Petitions for Spring semester substitutions will be due by October 21<sup>st</sup> of the preceding semester. The petition will be considered by the Ensemble Directors' Committee, and the student will be notified of the committee's decision prior to ensemble auditions. The committee will consider the following criteria, among others:

- a. Student's degree program
- b. Needs of the ensembles

Note: Substitution for principal ensembles is considered an exception to the guidelines for ensemble participation. Petitions must be submitted for each semester of substitution.

7. Wind/brass/percussion principals enrolled in the Bachelor of Music (Pre-Certification-Instrumental) or Bachelor of Music in Music Education degree programs are required to fulfill two years of ensemble performance in the Marching Band. Entering students will be expected to fulfill this requirement during the freshman and sophomore years. Transfer students will be required to fulfill a minimum of one year. A second year may be required based upon evaluation of the transcript. Woodwind, brass and percussion principals are also recommended to complete one semester of a major jazz ensemble.

## Recital Attendance Requirements

All undergraduate music students must enroll in and complete four semesters of MUS 97 Recital Attendance. To receive the grade of S/ Satisfactory for this required non-credit course, each undergraduate student must attend a minimum of twelve (12) convocations or recitals for each of the six enrollments in MUS 97.

The grade will be determined as follows:

- Attend 12 or more = S (Satisfactory)
- Attend 9-11 = I (Incomplete)
- Attend less than 9 = U (Unsatisfactory)

The grade of I (Incomplete) must be made up the following semester by attending double the number of recitals/concerts missed to attain the grade of S (Satisfactory). If the Incomplete is not made up the following semester, the Incomplete will lapse to the grade of U (Unsatisfactory) and the entire semester of Recital Attendance must be repeated to earn the required credit. No petitions will be considered.

Students may not receive recital attendance credit for convocations or other performances in which they participate as a performer.

## Public Recitals

School of Music students may schedule recitals any day when the recital halls are free and the building is open, provided they have the approval of their instructor and the necessary signatures of appropriate faculty for grading when applicable. Please see the *Undergraduate Student Handbook* for recital guidelines. Additionally, students may refer to the Recital Guidelines Packets available in the Dean's Office or at the School of Music website (<https://louisville.edu/music/resources/current-students/recital-form-packets/>) for recital-related procedures including date/hall reservations, deadlines, hearing and recital committee personnel, and recital fees.

## Academic Bankruptcy & Forgiveness & Fresh Start

Academic Bankruptcy and Forgiveness (p. 66) policies allow students who are returning to college after an absence of two or more years to

request the adjustment of their records for one or more entire semesters of previous college work, provided certain criteria are met. View information on Academic Bankruptcy and Forgiveness (p. 66) and the new Fresh Start (<https://catalog.louisville.edu/undergraduate/university-wide-unit-specific-policies/fresh-start/>) policy.

## Undergraduate Programs

- Music (Minor) (p. 503)
- Music and New Media (Minor) (p. 503)
- Music Composition (BM) (p. 295)
- Music Education (BM) (p. 298)
- Music Education, Pre-Certification (BM) (p. 322)
- Music General (BA) (p. 344)
- Music History (BM) (p. 347)
- Music Instrumental Performance (BM) (p. 350)
- Music Organ Performance (BM) (p. 360)
- Music Theory (BM) (p. 366)
- Music Therapy (BM) (p. 369)
- Music Vocal Performance (BM) (p. 376)
- Music, Jazz Performance (BM) (p. 352)
- Music, Jazz Studies (BA) (p. 356)
- Music, Piano Performance (BM) (p. 362)

## School of Nursing



### School of Nursing

Health Sciences Campus, K-Wing  
555 South Floyd Street, Suite 3019  
University of Louisville  
Louisville, KY 40202

Phone: (502) 852-8300

Website: [louisville.edu/nursing/](http://louisville.edu/nursing/) (<http://louisville.edu/nursing/>)

## About the School of Nursing

The University of Louisville's School of Nursing is an essential partner of a research intensive academic health science center in a nationally recognized University serving a metropolitan community.

The School of Nursing is a community in which faculty, staff and students collaborate to promote excellence in the profession of nursing. This is accomplished through research and scholarship that inform undergraduate and graduate education, support evidence-based practice and foster advances in nursing science. Students are prepared to demonstrate excellence in nursing science, practice and leadership in

a variety of settings for the benefit of clients across the lifespan and to meet the evolving health care needs of society. As a citizen of the larger community, the emphasis of the School of Nursing is to address the complex health needs of diverse and dynamic populations through nursing education, research, scholarship and service.

## Structure

As you enter our school lobby in the K building on the first floor, you will be welcomed into a renovated three-floor school occupied by very talented and dedicated nursing faculty, staff and students. The second floor includes two renovated classrooms and our Red and Black student lounge. Students can take advantage of wireless capability throughout the building.

The third floor is the administrative suite, undergraduate and practice faculty offices. It houses five clinical practice suites that use state-of-the-art technology to capture both video and audio student learning on high fidelity patient simulators and electronic health records. It is a site where graduate nurse practitioner students learn to conduct a thorough health assessment to better identify systemic diseases. These students are definitely job ready through digital and inter-professional learning.

The fourth floor houses a well-staffed Research Office through our graduate research assistants, a doctoral student lounge and offices for graduate faculty; those who work in this area are developing the school's research engine in nursing care of disease management and life transitions. The top floor of the school includes a 155-seat auditorium created to provide a venue to broadcast throughout the state as well as national and regional nursing leaders' presentations.

## Administration

The complete and up-to-date list of Nursing School leadership (<http://louisville.edu/nursing/>) is located on the Nursing website.

## Faculty

The complete and up-to-date list of faculty (<http://louisville.edu/nursing/directory/>) is located on the Nursing website.

## Advising Services

The Office of Student Services (OSS) is available to assist students in planning their academic program and to provide students with information regarding policies, procedures, and general information. The office is located in Rooms 3063-3066 in the K Wing Building on the Health Science Campus. Office hours are 8:30 am to 5:00 pm Monday through Friday. The phone number is (502) 852-1196.

Additional advising office hours are available on the Belknap Campus during the fall and spring semesters. Advising offices are located in the HSC Advising/Studio Arts Bldg.

## Undergraduate Program Information

The following links are to the Nursing BSN catalog pages listing degree requirements and Flight Plan information (<http://louisville.edu/flightplan/>):

- Nursing BSN (Pre-Licensure Program) (p. 383)
- Nursing BSN (RN-BSN Program) (p. 381)

## About the Programs

Students admitted to the Upper Division of all BSN programs, will be required to meet specific conditions as outlined in their offer of admissions and acceptance.

## Clinical Requirements

Students must be in clinical compliance prior to beginning clinical course work. Clinical compliance must be maintained while enrolled in upper division. Clinical compliance includes the following:

- Valid RN license with no restrictions for students in RN-BSN program
- Submit documentation of CPR certification (Adult, Child and Infant).
- Submit proof of student nurse liability insurance coverage
- Submit required immunization records and proof of health insurance coverage to the Campus Health Services Office (call (502) 852-6446 for additional current information on requirements)
- Complete HIPAA training
- Submit proof of completion of Blood-borne Pathogen training
- Additional requirements of clinical agencies may be required
- Negative drug test screening
- Completion of a Medicaid approved Certified Nursing Assistant course.

Additional clinical compliance requirements are published in the School of Nursing Student Handbook. It is the student's responsibility to read the catalog, student handbooks, and official notices (e.g., School of Nursing web page, Blackboard, mailings) to be informed about grades, credits, and requirements, and to abide by the regulations of the University of Louisville and the School of Nursing. This handbook is available to students upon admission to the Upper Division and is updated annually.

## Removal from Clinical

A student may not participate in clinical sections assigned to nursing units or small agencies where the student currently works or previously has worked for pay, or in which the student has been hospitalized, without permission from the appropriate instructor. Any student participating in a clinical section addressed by this policy may be removed from that section at the request of the agency or the instructor. Every effort will be made to accommodate the student in other clinical sections of the courses. A student who is unsafe in the clinical area may be dismissed from the program.

## Returning to Clinicals following an Absence

Students who are not enrolled in nursing clinical courses for two or more consecutive semesters will need to have an Administrative Program Review to determine their currency of content and skills prior to returning to the clinical setting. The program review will be conducted by the Dean's designee.

## Health Services Fee

On April 26, 1999, the University of Louisville's Board of Trustees approved a Health Services Fee. Every HSC student will be assessed the Health Services Fee each semester. Service provided by the fee:

- All pathogen exposure (TB and needle stick) to include outside labs, x-ray, and medications
- All visits to the Student Health Services

Mental Health Services Medications, lab, or X-ray costs that might be associated with these visits are not covered by the fee.

## Clinical Laboratory Fee

The UofL Board of Trustees approved instructional and clinical fees for nursing courses numbered 300 and all upper division courses effective Fall 2012. The purpose of the fees is to support the maintenance and operational expenses associated with providing clinical instruction.

## Transportation

Students are individually responsible for arranging their own transportation to the clinical sites or other outside clinical experiences. Absence from class or scheduled clinical experiences due to transportation problems is not acceptable. Carpool arrangements will not be part of the decision making process when clinical assignments are made.

## Student Paper and Assignments

Student papers/assignments may be displayed as student examples for course files and accreditation purposes. Identifying student information will be removed in the event of such usage. Student work used for any other purposes will require permission from the student(s) prior to faculty use.

## Technical Standards for Performance

Technical standards, distinguished from academic standards, consists of the minimum physical, cognitive, and emotional requirements for the full participation in the nursing educational programs. The nature of professional nursing education is to prepare practitioners to interact with clients and provide safe, competent nursing care. It is the responsibility of the faculty to regularly assess all individual student performance and abilities in relation to both the academic and technical standards of the program. Fitness for the profession will be based on an individualized assessment of the student's abilities to achieve an array of competencies essential for safe nursing practice.

## Physical attributes

Students must have functional use of the somatic senses and the senses of vision and hearing. Students must have the ability to observe through visual, auditory, and somatic senses. Students must have adequate motor capabilities to safely perform required diagnostic and therapeutic maneuvers and procedures.

## Communication Skills

Students must possess basic communication skills upon which to base the development of client oriented professional communication.

## Cognitive Functioning

Students must possess the cognitive abilities required to receive information, categorize, analyze, and manipulate data essential to the care of clients. Students must have the ability to make decisions quickly, and to function effectively on a regular and predictable schedule.

## Social and Behavioral Functioning

Students must possess social patterns of behavior consistent with safe and ethical practice with individual clients, families and groups of people. Students must have the mental control to handle emotions that might affect practice performance.

## Minimum Grade Requirements

Students enrolled in the Traditional Bachelor of Science in Nursing program must earn a grade of "C" or above in the courses (or their equivalents) listed below. These courses may be repeated one time.

Students who do not pass the course on a second attempt will be dismissed from the nursing program.

Code	Title	Hours
ENGL 101	Introduction to College Writing - WC	3
ENGL 102	Intermediate College Writing - WC	3
BIOL 257	Introduction to Microbiology - S	3
BIOL 258	Introduction to Microbiology Laboratory - SL	1
BIOL 260	Human Anatomy & Physiology I	3
BIOL 261	Human Anatomy & Physiology II	3
BIOL 262	Human Anatomy & Physiology Lab	1
CHEM 105	Chemistry for Health Professionals - S	4
HSS 303	Human Nutrition	3
	or PHEH 331 Food Composition and Public Health	
MATH 111	College Algebra - QR	3
NURS 338	Lifespan Pathophysiology	4
NURS 395	Nursing Pharmacotherapeutics	3

## Anatomy and Physiology Completion Requirement

The School of Nursing highly recommends that students complete the two semesters of anatomy and physiology with a lab at the same institution prior to admission into the upper division curriculum (BIOL 260, BIOL 261, BIOL 262). Transfer courses must be officially evaluated and determined equivalent to the University of Louisville's anatomy and physiology courses.

## Student Grievance Policies

Representatives from administration and faculty serve on the School of Nursing's BSN/MSN Academic Affairs Committee. This committee reviews academic policies related to undergraduate nursing students. Student representatives have full voting rights except on confidential matters involving other students; in these cases the student representatives are excused. Students wishing to petition a School of Nursing policy should contact an Academic Advisor concerning procedure, students' rights and responsibilities, and appropriate steps to take for resolution within the unit. University of Louisville also has a Student Academic Grievance Policy designed to provide fair means of dealing with student complaints regarding a specific action or decision made by the faculty as a whole, a faculty member, or the unit. Students who believe they have been treated unfairly, discriminated against, or have had their rights abridged may initiate a grievance which shall be processed in accordance with the Student Academic Grievance Procedure (p. 82) pursuant to *The Redbook*. (See University of Louisville Student Handbook for more information.)

## Student Petitions

Any student wanting to be exempted from a School of Nursing policy should make an appointment with an academic advisor and, if necessary, to file a petition. The academic advisor will submit the request to the Dean or dean's designee who will make the decision or determine if an appropriate undergraduate faculty committee should hear the petition.

After hearing the petition, the committee makes a recommendation to the dean, who makes the final decision. A student may not petition to a committee for a change of grade in a course. However, the student may petition to the Committee regarding the fairness in which a grade was calculated. The Committee does not have the authority to recommend grade changes.

## Academic Dishonesty Policy

The term “academic dishonesty” means obtaining or seeking to obtain an unfair academic advantage for oneself or for any other student; it includes lying, cheating, stealing, or engaging in otherwise dishonest conduct in the course of or related to any academic exercise (Code of Student Rights and Responsibilities, University of Louisville). According to the Code of Student Rights and Responsibilities at the University of Louisville, academic dishonesty is prohibited at the University. Academic dishonesty is a serious offense because it diminishes the quality of scholarship, makes accurate evaluation of student progress impossible, and defrauds those in society who must ultimately depend upon the knowledge and integrity of the institution and its students and faculty. Academic dishonesty includes, but is not limited to, cheating, fabrication, falsification, plagiarism, multiple submission, and complicity in academic dishonesty (Code of Student Rights and Responsibilities).

After identifying suspected academic dishonesty occurring in any academic program at the University of Louisville School of Nursing, the following steps will be taken:

1. A meeting to discuss the suspected academic dishonesty will occur with the faculty member, the course coordinator/leader, and the student(s). This meeting should take place, if possible, within 10 working days after identification of the suspected academic dishonesty.
2. The faculty member in collaboration with the course coordinator/leader will provide a letter to the Dean or his/her designee, if possible, within five working days of completion of investigation of the academic dishonesty. The faculty member's letter shall include
  - a. A detailed description of the academic dishonesty;
  - b. Copies of supportive material; and
  - c. A recommendation commensurate with the seriousness and circumstances of the academic dishonesty.
3. The Dean or his/her designee will schedule a meeting with the involved parties prior to making a decision.
4. The Dean or his/her designee will respond in writing to the faculty member by accepting or modifying the recommendation, if possible, within five working days of receipt of the recommendation.
5. The Dean or his/her designee will send a letter to the student(s) regarding the outcomes of the investigation and/or consequences, if possible, within five working days of notifying the faculty member of his/her written recommendation. Copies of this letter will be sent to the student's Office of Student Services advisor and the Dean of the School of Nursing. The letter to the student(s) shall include a copy of this procedure.

All records and documents obtained, prepared or related to the investigation and disposition of a charge of academic dishonesty will be maintained in the student's Office of Student Services file.

## Disability Statement

Students with disabilities, who need reasonable modifications to successfully complete assignments and otherwise satisfy course criteria, are encouraged to meet with the instructor as early as possible to identify and plan specific accommodations. If determined necessary, students will be directed to the Disability Resource Center. Any identified modification(s) deemed necessary must be documented in writing by the Disability Resource Center and provided to the School of Nursing. The Disability Resource Center must re-evaluate and provide documentation each semester.

## Undergraduate Programs

- Nursing (RN-BSN Online Program) (BSN) (p. 381)
- Nursing, Pre-Licensure Program (BSN) (p. 383)

## School of Public Health and Information Sciences



### School of Public Health and Information Sciences

Undergraduate Affairs  
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Email: [publichealth@louisville.edu](mailto:publichealth@louisville.edu)

Website: [louisville.edu/sphis](http://www.louisville.edu/sphis) (<http://www.louisville.edu/sphis/>)

Social: Facebook (<https://www.facebook.com/SPHIS/>), Twitter (<http://twitter.com/ulsphis/>), LinkedIn ([http://www.linkedin.com/groups/?gid=4451132&trk=hb\\_side\\_g](http://www.linkedin.com/groups/?gid=4451132&trk=hb_side_g))

## About

The School of Public Health and Information Sciences (SPHIS) officially reopened as a University of Louisville unit in September 2002. In December 2008, the school moved to its newly renovated home on East Gray Street across from the Louisville Metro Department of Public Health and Wellness.

The original School of Public Health at University of Louisville was formed in 1919, making it one of the first schools of public health in the United States. Funding for the development of the school came from a \$30,000 contribution by the Kentucky State Board of Health. The school was housed on the third floor of the Kentucky Board of Health Building at the corner of 6<sup>th</sup> and Main Streets. The primary focus of the school was the training of health officers and public health nurses to deal with welfare work in poor communities. The school was deactivated in 1924.

The School of Public Health and Information Sciences is a distinctive school of public health, positioned to protect the public's health in the 21st century by identifying emerging health threats and risks, monitoring health factors and status, understanding how people seek and respond to health information and preparing responses to events that can affect the public's health.

While we embrace the traditional tasks and roles of public health specialists, we recognize that protecting the public's health today requires much more. It requires a new approach that integrates how information about the public's health is acquired, evaluated, acted on and

disseminated, and how these affect the public and its health. It requires preparing our students for careers in the 21st century by using 21st century knowledge and techniques.

### School Administration

The School of Public Health and Information Sciences website has a complete and up-to-date list of the School of Public Health leadership (<https://louisville.edu/sphis/administration/>).

### Faculty & Departmental Information

The complete and up-to-date list of faculty (<https://louisville.edu/sphis/directory/>) can also be located on the SPHIS website.

### Advising Services

All undergraduate SPHIS majors and minors are assigned an academic counselor. Counselors provide academic advising along with serving as a support resource between students and the university and campus partners.

SPHIS provides student services for undergraduate students on the Belknap Campus. Our Belknap Office is located in the HSC Advising Center/Studio Arts building, RM 100. The physical address 2314 S. Floyd Street, Louisville, KY 40292. Prospective or current students may call (502) 852-5559 or email [ugsphis@louisville.edu](mailto:ugsphis@louisville.edu) for added support.

## Undergraduate Programs

- Applied Statistics and Data Science (Minor) (p. 511)
- Environmental Health (Minor) (p. 488)
- Epidemiology (Minor) (p. 489)
- Global Public Health (Minor) (p. 492)
- Healthcare Management (Minor) (p. 494)
- Public Health (BA) (p. 424)
- Public Health (BS) (p. 430)
- Public Health (Minor) (p. 506)
- Public Health Nutrition (Minor) (p. 507)

## Undergraduate Programs of Study



The programs listed below are offered at the undergraduate level. Students interested in post-baccalaureate, graduate-level programs should refer to the graduate catalog (<http://catalog.louisville.edu/graduate/>).

### Accelerated Bachelor's/Master's Programs

Programs marked by a caret (^) include accelerated options that can allow qualified students to complete both a bachelor's and a master's degree in a shortened timeline and at a reduced cost.

### Online Programs

Programs marked with an asterisk (\*) are available for completion entirely online (<http://louisville.edu/online/programs/>).

### Post-baccalaureate Programs

Programs marked with a pound/hash symbol (#) are post-baccalaureate programs, designed for individuals who have completed a bachelor's degree in another field and are seeking additional undergraduate-level education in the area listed.

Program	BA	BS or Discipline-Specific	Minor	Certificate	College or School	Department
Accountancy/Accounting		BSBA* (p. 117)	-	Certificate (p. 513)	Business (p. 90)	Accounting
Actuarial Mathematics	-	-	Minor (p. 476)	-	Arts & Sciences (p. 85)	Mathematics
Aerospace Studies	-	-	Minor (p. 477)	-	Arts & Sciences (p. 85)	Aerospace Science
American Sign Language Interpretin Studies	-	BS (p. 119)	-	-	Arts & Sciences (p. 85)	Classical and Modern Languages
Anthropology	BA* (p. 121)	BS (p. 125)	-	-	Arts & Sciences (p. 85)	Anthropology
Archaeology	-	-	Minor (p. 478)	-	Arts & Sciences (p. 85)	Anthropology
Art	BA (p. 127)	-	Minor (p. 478)	-	Arts & Sciences (p. 85)	Fine Arts
Art - Fine Art	-	BFA (p. 130)	-	-	Arts & Sciences (p. 85)	Fine Arts
Art History	BA^ (p. 136)	-	Minor (p. 479)	-	Arts & Sciences (p. 85)	Fine Arts
Asian Studies	BA (p. 139)	-	Minor (p. 479)	-	Arts & Sciences (p. 85)	Asian Studies
Atmospheric Science		BS (p. 142) <sup>1</sup>	-	-	Arts & Sciences (p. 85)	Physics and Astronomy
Bioengineering	-	BS (p. 144)	-	-	Engineerir (p. 96)	Bioengineering
Biology	BA^ (p. 147)	BS^ (p. 150)	Minor (p. 480)	-	Arts & Sciences (p. 85)	Biology

Black Performan Studies	-	-	Minor (p. 481)	-	Arts & Sciences (p. 85)	Theatre Arts and Pan- African Studies	Electrical - Engineerin	BS (p. 214)	-	-	Engineerin (p. 96)	Electrical & Computer Engineering	
Business Administra Administra	BBA* (p. 155)	-	Minor (p. 481)	-	Business (p. 90)	Business	English BA (p. 218)	-	-	-	Arts & Sciences (p. 85)	English	
Business Economic	-	BS (p. 157)	-	-	Business (p. 90)	Economics	English Creative Writing	-	-	Minor (p. 487)	-	Arts & Sciences (p. 85)	English
Chemical Engineering	-	BS (p. 159)	-	-	Engineering (p. 96)	Chemical Engineering	English Literature	-	-	Minor (p. 487)	-	Arts & Sciences (p. 85)	English
Chemistry (p. 163)	BA (p. 165)	BS (p. 165)	Minor (p. 482)	-	Arts & Sciences (p. 85)	Chemistry	Entrepre Environmental Health	-	-	Minor (p. 488)	-	Business (p. 90)	Business
Chinese	-	-	Minor (p. 482)	-	Arts & Sciences (p. 85)	Classical and Modern Languages	Equine Business	-	BSBA (p. 222)	Minor (p. 489)	Post-Bac Certificate (p. 514)	Business (p. 90)	Equine
Chinese Studies	-	-	Minor (p. 482)	-	Arts & Sciences (p. 85)	Asian Studies	Ethics	-	-	-	Certificate (p. 514)	Arts & Sciences (p. 89)	Philosophy
Civil Engineering	-	BS (p. 171)	-	-	Engineering (p. 96)	Civil Engineering	Exercise Science	-	-	Minor (p. 490)	-	Education & Human Dev. (p. 93)	Health and Sports Sciences
Communica Communica	BA* (p. 173)	BS* (p. 176)	Minor (p. 483)	-	Arts & Sciences (p. 85)	Communication	Finance	-	BSBA (p. 225)	Minor (p. 490)	-	Business (p. 90)	Finance
Community Health	-	-	Minor (p. 483) <sup>1</sup>	-	Education & Human Dev. (p. 93)	Health and Sport Sciences	Forensic Anthropo	-	-	Minor (p. 491)	-	Arts & Sciences (p. 85)	Anthropology
Computer Informatio Systems	-	BSBA (p. 179)	Minor (p. 484)	-	Business (p. 90)	Computer Information Systems	French BA (p. 227)	-	-	Minor (p. 491)	-	Arts & Sciences (p. 85)	Classical and Modern Languages
Computer Science	BA (p. 184)	-	-	-	Engineering (p. 96)	Computer Science & Engineering	Geography	-	-	Minor (p. 491)	-	Arts & Sciences (p. 85)	Geography & Geoscience
Computer Science & Engineerin	-	BS (p. 186)	Minor (p. 484)	-	Engineering (p. 96)	Computer Science & Engineering	Geography, Applied	-	BS (p. 229)	-	-	Arts & Sciences (p. 85)	Geography & Geoscience
Criminal Justice	-	BS* (p. 188)	Minor (p. 485)	-	Arts & Sciences (p. 85)	Criminal Justice	Geography- (Environm Analysis)	-	-	Minor (p. 488)	-	Arts & Sciences (p. 85)	Geography & Geoscience
Criminal Justice with a 3+3 Track to Law	-	BS (p. 192)	-	-	Arts & Sciences (p. 85)	Criminal Justice	Geospatial Technologies, Applied	-	-	-	Certificate (p. 515)	Arts & Sciences (p. 85)	Geography & Geoscience
Dental Hygiene	-	BS (p. 195)	-	-	Dentistry (p. 103)	Dental Hygiene	German	-	-	Minor ( <a href="https://nextcatalog.undergrad.minors/german-minor/">https:// nextcatalog. undergrad. minors/ german- minor/</a> )	-	Arts & Sciences (p. 85)	Classical and Modern Languages
Early Elementar Education	-	BS (p. 198)	-	-	Education & Human Dev. (p. 93)	Early Childhood and Elementary Education	Economics BA (p. 212)	-	-	Minor (p. 486)	-	Business (p. 90)	Economics

Global Public Health	-	-	Minor (p. 492)	-	Arts & Sciences (p. 85)	Liberal Studies, Anthropology and Public Health	Latin American and Latino Studies	BA (p. 257)	-	Minor (p. 497)	-	Arts & Sciences (p. 85)	Latin American and Latino Studies	
Health and Human Performance	-	BS (p. 235)	-	-	Education & Human Dev. (p. 93)	Health & Sports Sciences	Leadership	-	-	Minor (p. 498)	-	Arts & Sciences (p. 85)	Military Science	
Healthcare Leadership	-	-	Minor (p. 493)	-	Certificate ( <a href="http://louisville.edu/online/programs/certificate-programs/online-healthcare-leadership-certificate/">http://louisville.edu/online/programs/certificate-programs/online-healthcare-leadership-certificate/</a> )	Education & Human Dev. (p. 93)	Educational Leadership, Evaluation and Organizational Development	Leadership and Talent Development	-	Minor (p. 499)	-	College of Education and Human Dev. ( <a href="https://louisville.edu/education">https://louisville.edu/education</a> )	Educational Leadership, Eval. and Org. Dev. ( <a href="https://louisville.edu/education">https://louisville.edu/education</a> )	
Healthcare Management	-	-	Minor (p. 494)	-	Public Health & Info. Sci. (p. 110)			LGBTQ Health Studies	-	-	-	Certificate (p. 517)	Arts & Sciences (p. 85)	Women's, Gender & Sexuality Studies
History	BA <sup>^</sup> (p. 240)	-	Minor (p. 494)	-	Arts & Sciences (p. 85)	History	Linguistics	-	-	Minor (p. 500)	-	Arts & Sciences (p. 85)	Comparative Humanities	
History with 3+3 Track to Law	BA (p. 244)	-	-	-	Arts & Sciences (p. 85)	History	Management	-	BSBA (p. 260)	Minor (p. 501)	-	Business (p. 90)	Management	
Human Resource Leadership	-	-	-	-	Certificate (p. 516)	Education & Human Dev. ( <a href="https://louisville.edu/online/education/development">https://louisville.edu/online/education/development</a> )	Educational Leadership, Evaluation and Organizational Development	Marketing	-	BSBA (p. 262)	Minor (p. 501)	-	Business (p. 90)	Marketing
Humanities	BA <sup>^</sup> (p. 247)	-	Minor (p. 495)	-	Arts & Sciences (p. 85)	Comparative Humanities	Mathematics	BA <sup>^</sup> (p. 265)	BS <sup>^</sup> (p. 267)	Minor (p. 502)	-	Arts & Sciences (p. 85)	Mathematics	
Individualized Studies (Liberal Studies)	BA <sup>^</sup> (p. 252)	-	-	-	Arts & Sciences (p. 85)	Liberal Studies	Mechanical Engineering	-	BS (p. 271)	-	-	Engineering (p. 96)	Mechanical Engineering	
Industrial Engineering	-	BS (p. 254)	-	-	Engineering (p. 96)	Industrial Engineering	Middle East and Islamic Studies	-	-	Minor (p. 502)	-	Arts & Sciences (p. 85)	MEIS Program	
International Business	-	-	Minor (p. 495)	-	Business (p. 90)	Business	Middle/Secondary Education	-	BS (p. 274)	-	-	Education & Human Dev. (p. 93)	Middle/Secondary Education	
Italian	-	-	Minor (p. 496)	-	Arts & Sciences (p. 85)	Classical and Modern Languages	Music	-	-	Minor (p. 503)	-	Music (p. 105)	Music	
Jewish Studies	-	-	Minor (p. 496)	-	Arts & Sciences (p. 85)	Comparative Humanities	Music Composition	-	BM (p. 295)	-	-	Music (p. 105)	Music	
							Music General	BA (p. 344)	-	-	-	Music (p. 105)	Music	
							Music History	-	BM (p. 347)	-	-	Music (p. 105)	Music	
							Music Instrumental Performance	-	BM (p. 350)	-	-	Music (p. 105)	Music	
							Music Jazz Performance	-	BM (p. 352)	-	-	Music (p. 105)	Music	

Music Jazz Studies	BA (p. 356)	-	-	-	Music (p. 105)	Music	Philosophy, Politics, and Economics (PPE)	-	Minor (p. 505)	-	Philosophy, Political Science, Economics		
Music Organ Performance	-	BM (p. 360)	-	-	Music (p. 105)	Music	Physics	BA (p. 405)	BS <sup>^</sup> (p. 407)	Minor (p. 505)	-	Arts & Sciences (p. 85)	Physics and Astronomy
Music Piano Performance	-	BM (p. 362)	-	-	Music (p. 105)	Music	Police Executive Leadership Development	-	-	-	Certificate (p. 519)	Arts & Sciences (p. 85)	Criminal Justice
Music Theory	-	BM (p. 366)	-	-	Music (p. 105)	Music	Political Science	BA <sup>**</sup> (p. 412)	BS <sup>^</sup> (p. 417)	Minor (p. 506)	-	Arts & Sciences (p. 85)	Political Science
Music Therapy	-	BM (p. 369)	-	-	Music (p. 105)	Music	Psychology	BA <sup>*</sup> (p. 419)	BS (p. 422)	Minor (p. 506)	-	Arts & Sciences (p. 85)	Psychological and Brain Sciences
Music Vocal Performance	-	BM (p. 376)	-	-	Music (p. 105)	Music	Public Health	BA <sup>^</sup> (p. 424)	BS (p. 430)	Minor (p. 506)	-	Public Health & Info. Sci. (p. 110)	Public Health
Music with Emphasis in Music Education	-	BM (p. 298)	-	-	Music (p. 105)	Music	Public Health Nutrition	-	-	Minor (p. 507)	-	Public Health & Info. Sci. (p. 110)	Public Health
Neuroscience	-	BS (p. 379)	-	-	Arts & Sciences (p. 85)	Psychology and Brain Sciences	Race/Gender Studies	-	-	Minor (p. 507)	-	Arts & Sciences (p. 85)	Women's and Gender Studies and Pan-African Studies
Nursing (RN-BSN Online Program)	-	BSN <sup>*</sup> (p. 381)	-	-	Nursing (p. 107)	Nursing	Religious Studies	-	-	Minor (p. 508)	-	Arts & Sciences (p. 85)	Comparative Humanities
Nursing, Pre-Licensure Program	-	BSN (p. 383)	-	-	Nursing (p. 107)	Nursing	Russian Studies	-	-	Minor (p. 509)	-	Arts & Sciences (p. 85)	Classical and Modern Languages
Organizational Leadership and Learning, Track in Healthcare Leadership	-	BS <sup>*</sup> (p. 389)	-	-	Education Leadership, & Human Development (p. 93)	Education Leadership, & Human Resource Education	Social Change	-	-	Minor (p. 509)	-	Arts & Sciences (p. 85)	Peace, Conflict, & Social Justice
Organizational Leadership and Learning	-	BS <sup>*</sup> (p. 386)	-	-	Education Leadership, & Human Dev. (p. 93)	Education Leadership, & Human Resource Education	Social Work	-	BSW <sup>*</sup> (p. 436)	-	-	Social Work (p. 101)	Social Work
Pan-African Studies	BA (p. 390)	BS (p. 394)	Minor (p. 504)	-	Arts & Sciences (p. 85)	Pan-African Studies	Socio-Cultural Anthropology	-	-	Minor (p. 477)	-	Arts & Sciences (p. 85)	Anthropology
Peace, Justice, and Conflict Transformation	-	-	Minor (p. 504)	Certificate (p. 517)	Arts & Sciences (p. 85)	Peace, Conflict, & Social Justice	Sociology	BA <sup>*</sup> (p. 439)	BS (p. 446)	Minor (p. 509)	-	Arts & Sciences (p. 85)	Sociology
Philosophy	BA (p. 398)	-	Minor (p. 504)	-	Arts & Sciences (p. 85)	Philosophy	Spanish	BA <sup>^</sup> (p. 451)	-	Minor (p. 510)	-	Arts & Sciences (p. 85)	Classical and Modern Languages

Sport - Administrative	BS* (p. 454)	Minor - (p. 511)	-	Education Health & & Human Sports Dev. Sciences (p. 93)
Statistics - & Data Science, Applied	-	Minor - (p. 511)	-	Public Health & Info. Sci. (p. 110)
Sustainable BA (p. 456)	-	-	-	Arts & Urban & Sciences Public (p. 85) Affairs
Theatre - Arts	BS (p. 459)	Minor - (p. 512)	-	Arts & Theatre Sciences Arts (p. 85)
Urban - and Regional Analysis	-	Minor - (p. 512)	-	Arts & Geography Sciences and (p. 85) Geosciences
Urban - Studies	BS (p. 461)	-	-	College Urban of Arts and and Public Sciences Affairs (p. 85)
Women's, BA** Gender & Sexuality Studies (p. 464)	BS* (p. 471)	Minor - (p. 512)	-	Arts & Women's, Sciences Gender & (p. 85) Sexuality Studies
Women's, BA Gender & Sexuality Studies with a 3+3 Track to Law (p. 468)	-	-	-	Arts & Women's, Sciences Gender & (p. 85) Sexuality Studies

<sup>1</sup> Program is not currently accepting new enrollments.

\* Available for completion entirely online (<http://louisville.edu/online/programs/>).

<sup>^</sup> Includes an accelerated options that can allow qualified students to complete both a bachelor's and a master's degree in a shortened timeline and at a reduced cost.

<sup>#</sup> Post-baccalaureate program designed for individuals who have completed a bachelor's degree in another field and are seeking additional undergraduate-level education in the area listed.

## Majors



## Undergraduate Degree Programs

### A

- Accountancy (BSBA) (p. 117)
- American Sign Language Interpreting Studies (BS) (p. 119)
- Anthropology (BA) (p. 121)
- Anthropology (BS) (p. 125)
- Art (BA) (p. 127)
- Art - Fine Art (BFA) (p. 130)
- Art History (BA) (p. 136)
- Asian Studies (BA) (p. 139)
- Atmospheric Science (BS) (p. 142)

### B

- Bioengineering (BS) (p. 144)
- Biology (BA) (p. 147)
- Biology (BS) (p. 150)
- Business Administration (BBA) (p. 155)
- Business Economics (BS) (p. 157)

### C

- Chemical Engineering (BS) (p. 159)
- Chemistry (BA) (p. 163)
- Chemistry (BS) (p. 165)
- Civil Engineering (BS) (p. 171)
- Communication (BA) (p. 173)
- Communication (BS) (p. 176)
- Computer Information Systems (BSBA) (p. 179)
- Computer Science (BA) (p. 184)
- Computer Science and Engineering (BS) (p. 186)
- Criminal Justice (BS) (p. 188)
- Criminal Justice with a 3+3 Track to Law (BS) (p. 192)

### D

- Dental Hygiene (BS) (p. 195)

### E

- Early Elementary Education (BS) (p. 198)
- Economics (BA) (p. 212)
- Electrical Engineering (BS) (p. 214)
- English (BA) (p. 218)
- Equine Business (BSBA) (p. 222)

### F

- Finance (BSBA) (p. 225)
- French (BA) (p. 227)

### G

- Geography, Applied (BS) (p. 229)

### H

- Health and Human Performance (BS) (p. 235)
- History (BA) (p. 240)

- History with 3+3 Track to Law (BA) (p. 244)
- Humanities (BA) (p. 247)

## I

- Individualized Major (Liberal Studies) (BA) (p. 252)
- Industrial Engineering (BS) (p. 254)

## L

- Latin American and Latino Studies (BA) (p. 257)

## M

- Management (BSBA) (p. 260)
- Marketing (BSBA) (p. 262)
- Mathematics (BA) (p. 265)
- Mathematics (BS) (p. 267)
- Mechanical Engineering (BS) (p. 271)
- Middle/Secondary Education (BS) (p. 274)
- Music and New Media (BA) (p. 292)
- Music Composition (BM) (p. 295)
- Music Education (BM) (p. 298)
- Music Education, Pre-Certification (BM) (p. 322)
- Music History (BM) (p. 347)
- Music Theory (BM) (p. 366)
- Music Therapy (BM) (p. 369)
- Music, General (BA) (p. 344)
- Music, Instrumental Performance (BM) (p. 350)
- Music, Jazz Performance (BM) (p. 352)
- Music, Jazz Studies (BA) (p. 356)
- Music, Organ Performance (BM) (p. 360)
- Music, Piano Performance (BM) (p. 362)
- Music, Vocal Performance (BM) (p. 376)

## N

- Neuroscience (BS) (p. 379)
- Nursing (RN-BSN Program) (BSN) (p. 381)
- Nursing, Pre-Licensure Program (BSN) (p. 383)

## O

- Organizational Leadership and Learning (BS) (p. 386)
- Organizational Leadership and Learning, Track in Healthcare Leadership (BS) (p. 389)

## P

- Pan-African Studies (BA) (p. 390)
- Pan-African Studies (BS) (p. 394)
- Philosophy (BA) (p. 398)
- Physics (BA) (p. 405)
- Physics (BS) (p. 407)
- Political Science (BA) (p. 412)
- Political Science (BS) (p. 417)
- Psychology (BA) (p. 419)
- Psychology (BS) (p. 422)

- Public Health (BA) (p. 424)
- Public Health (BS) (p. 430)

## S

- Social Work (BSW) (p. 436)
- Sociology (BA) (p. 439)
- Sociology (BS) (p. 446)
- Spanish (BA) (p. 451)
- Sport Administration (BS) (p. 454)
- Sustainability (BA) (p. 456)

## T

- Theatre Arts (BS) (p. 459)

## U

- Urban Studies (BS) (p. 461)

## W

- Women's, Gender and Sexuality Studies (BA) (p. 464)
- Women's, Gender and Sexuality Studies (BS) (p. 471)
- Women's, Gender and Sexuality Studies with a 3+3 Track to Law (BA) (p. 468)

## Online Bachelor's Degrees

- Accountancy (BSBA) ([http://louisville.edu/online/programs/bachelors/bs-in-business-administration-in-accountancy/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/bs-in-business-administration-in-accountancy/?utm_source=uofl-catalog))
- Business Administration (BBA) (<http://louisville.edu/online/programs/bachelors/bachelor-of-business-administration/>)
- Communication (BA) ([http://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-or-science-in-communication/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-or-science-in-communication/?utm_source=uofl-catalog))
- Communication (BS) ([http://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-or-science-in-communication/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-or-science-in-communication/?utm_source=uofl-catalog))
- Criminal Justice (BS) ([http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-criminal-justice/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-criminal-justice/?utm_source=uofl-catalog))
- Nursing (RN-BSN) ([http://louisville.edu/online/programs/bachelors/rn-to-bachelor-of-science-in-nursing/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/rn-to-bachelor-of-science-in-nursing/?utm_source=uofl-catalog))
- Organizational Leadership and Learning (BS) - multiple tracks ([http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-organizational-leadership-and-learning/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-organizational-leadership-and-learning/?utm_source=uofl-catalog))
- Political Science (BA) (<https://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-in-political-science/>)
- Psychology (BA) ([http://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-psychology/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-psychology/?utm_source=uofl-catalog))
- Social Work (BSW) ([http://louisville.edu/online/programs/bachelors/bachelor-of-social-work/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/bachelor-of-social-work/?utm_source=uofl-catalog))
- Sociology (BA) ([https://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-sociology/?utm\\_source=uofl-catalog](https://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-sociology/?utm_source=uofl-catalog))
- Sport Administration (BS) ([http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-sport-administration/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-sport-administration/?utm_source=uofl-catalog))

- Women's, Gender and Sexuality Studies (BA) ([https://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-womens-and-gender-studies/?utm\\_source=uofl-catalog](https://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-womens-and-gender-studies/?utm_source=uofl-catalog))

## Online Undergraduate Certificate

- Geospatial Technologies, Applied ([http://louisville.edu/online/programs/certificate-programs/applied-geospatial-technologies/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/certificate-programs/applied-geospatial-technologies/?utm_source=uofl-catalog))

## Online Post-Baccalaureate Certificate

- Accounting ([http://louisville.edu/online/programs/certificate-programs/accounting/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/certificate-programs/accounting/?utm_source=uofl-catalog))

## Business Administration in Accountancy (BSBA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Business Administration in Accountancy

Unit: Business (BU) (<http://www.louisville.edu/business/>)  
Department: Accountancy (<http://business.louisville.edu/accountancy/>)  
Academic Plan Code(s): ACCYBSB, ACCYBSBO

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/bs-in-business-administration-in-accountancy/>).*

The mission of the School of Accountancy is to meet the needs of our metropolitan and regional constituents by providing flexible and varied learning experiences to enable our students to succeed in their careers; by producing scholarly works to disseminate knowledge to the business and academic communities and to enrich the learning experiences of our students; and by using our expertise to serve the community, the university, and the accounting profession.

The University of Louisville Accountancy Program is separately accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

(6 hours of General Education requirements may be satisfied through coursework required by the degree program)	
College/School Requirements <sup>1,2</sup>	53
Program/Major Requirements	30
Supporting Courses	12
<b>Minimum Total Hours</b>	<b>120</b>

- <sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.
- <sup>2</sup> College/School Requirements includes 6 hours of required courses that also cover General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BSB in Accountancy.

## Current Students - Admission in Good Standing

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

MATH 180	Elements of Calculus - QR or MATH 205 Calculus I - QR
ECON 201	Principles of Microeconomics - SB or ECON 202 Principles of Macroeconomics - SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 180	Elements of Calculus - QR <sup>2</sup> or MATH 205 Calculus I - QR	3
Select one of the following:		3

PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BUS 301	Business Communication	3
BUS 201	Career Development	1
ACCT 201	Principles of Financial Accounting	6
& ACCT 202	Principles of Managerial Accounting	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>3</sup>	
BSTA 301	Business Statistics <sup>4</sup>	3
CIS 205	Information Systems in Organizations	3
General Electives		6
<b>Business Breadth</b>		
FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
CLAW 301	Legal Environment of Business	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 401	Operations Management	3
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 Gen Ed hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Accountancy Depth</b>		
ACCT 301	Intermediate Accounting I	3
ACCT 302	Intermediate Accounting II	3
ACCT 310	Introduction to Accounting Information Systems	3
ACCT 315	Introduction to Taxation	3
ACCT 320	Managerial Cost Accounting	3
ACCT 411	Advanced Accounting Information Systems - CUE	3
ACCT 430	Auditing Theory and Practice	3
MGMT 404	Project Management	3
<b>Accountancy Electives</b>		
Select one of the following:		3
ACCT 353	Accounting for Not-For-Profit Organizations	
ACCT 401	Advanced Accounting Problems	
ACCT 415	Advanced Taxation	
ACCT 420	Advanced Managerial Cost Accounting	
Business Electives (not Accounting)		3
<b>Minimum Total Hours</b>		<b>30</b>

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives (Electives total assumes use of College requirements to satisfy General Education requirements)		12
Co-op in Accounting <sup>5</sup>		

Transfer students must take a minimum of 12 credit hours in their major within the College of Business.

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
ACCT 411	Advanced Accounting Information Systems - CUE	
1	College/School Requirements include six hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). A courses satisfying the General Education Oral Communication requirement (COMM 111, COMM 112 or HON 214 ) are required as prerequisite for BUS 301, but is not included in the required coursework.	
2	If MATH 205 is taken, there will be 4 total hours of math, reducing the amount of elective credit required to complete the degree.	
3	Completes 3 hours of Social & Behavioral Sciences General Education requirement.	
4	The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326	
5	Co-op may be taken over more than one semester. No more than 3 credit hours may count towards the degree. Co-op may only be used as a General Elective, not as an Accounting Elective.	

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ENGL 101	Introduction to College Writing - WC	3
MATH 180	Elements of Calculus - QR	3-4
or MATH 205	or Calculus I - QR	
ECON 202	Principles of Macroeconomics - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ACCT 201	Principles of Financial Accounting	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
ACCT 202	Principles of Managerial Accounting	3
CIS 205	Information Systems in Organizations	3
BUS 201	Career Development	1
BUS 301	Business Communication	3
CIS 305	Data Analysis for Decision-Making	3
One of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ACCT 301	Intermediate Accounting I	3
MKT 301	Principles of Marketing	3

HIST 101 or HIST 102	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH	3
General Education: Cardinal Core Natural Sciences - S		3
Select one of the following:		3
BSTA 301	Business Statistics	
MATH 109	Elementary Statistics - QR	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
CJ 326	Quantitative Analysis - QR	
Co-op		
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
ACCT 302	Intermediate Accounting II	3
ACCT 315	Introduction to Taxation	3
FIN 301	Corporate Finance	3
MGMT 301	Management and Organizational Behavior	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ACCT 310	Introduction to Accounting Information Systems	3
ACCT 320	Managerial Cost Accounting	3
CLAW 301	Legal Environment of Business	3
Business Elective (non-Accounting)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
ACCT 430	Auditing Theory and Practice	3
MGMT 401	Operations Management	3
General Elective		3
General Elective		3
Select one of the following:		3
ACCT 353	Accounting for Not-For-Profit Organizations	
ACCT 401	Advanced Accounting Problems	
ACCT 415	Advanced Taxation	
ACCT 420	Advanced Managerial Cost Accounting	
Co-op in Accounting		
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ACCT 411	Advanced Accounting Information Systems - CUE	3
MGMT 404	Project Management	3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.

4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Administration in Accountancy (ACCYBSB) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## American Sign Language Interpreting Studies (BS)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in American Sign Language Interpreting Studies

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<http://louisville.edu/modernlanguages/>)

Academic Plan Code(s): ASLIBS

## Program Information

UofL's American Sign Language Interpreting Studies (ASLIS) program provides students the training needed to function as qualified interpreters. This includes learning ASL, understanding the basics of ASL linguistics, Deaf history and culture, and the fundamentals of the interpreting process. We emphasize communicative and cultural competency as well as critical thinking abilities that can be used in both academic and non-academic careers.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		7
Program/Major Requirements <sup>1</sup>		58
Supporting Courses		29
<b>Minimum Total Hours</b>		<b>125</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BS in ASLIS not automatic. Entry requires functional fluency in ASL and basic interpreting competencies, a minimum overall GPA of 2.25, and a minimum GPA of 3.0 in ASL and ITP courses. The final exam in ITP 220 also serves as part of the ASLIS screening process for entry into the major. Once accepted into the major, students need to work closely with their advisor. Seniors are required to complete roughly 450 hours in an advanced interpreting practicum. For more details, contact the Department.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>		31

The following course is required by the program and can satisfy the respective General Education Requirements:

ITP 115	Heritage & Culture of the Deaf - D1, SB
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<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language: incorporated into plan requirements listed below <sup>1</sup>		
Electives in Natural Sciences or Social Sciences at the 300 level or above <sup>2</sup>		6
WR: two approved courses at the 300-level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>7</b>

## Program/Major Requirements

Code	Title	Hours
<b>Prerequisite Courses</b>		
ITP 115	Heritage & Culture of the Deaf - D1, SB	3
ITP 220	Processing Skills for Interpreters <sup>4</sup>	3
ITP 225	Introduction to Interpreting	3
<b>Core Courses</b>		
ITP 210	Application of Fingerspelling and Number Systems	3
ITP 310	Multiculturalism and Interpreting	3
ITP 320	English to ASL Interpreting I	3
ITP 325	ASL to English Interpreting I	3
ITP 350	Historical Perspectives on the Deaf Community - WR	3
ITP 370	Interpreting in Specialized Settings I	3
ITP 390	Linguistics and American Sign Language I	3
ITP 420	English to ASL Interpreting II	3
ITP 425	ASL to English Interpreting II	3
ITP 435	Educational Interpreting	3
ITP 445	Interpreting in Healthcare Settings	3
ITP 470	Practicum in Interpreting I	3
ITP 490	Linguistics and ASL II	3
<b>Practicum</b>		
ITP 495	Practicum in Interpreting II - CUE	10
<b>Minimum Total Hours</b>		<b>58</b>

Code	Title	Hours
<b>Supporting Courses</b>		
ASL 101	American Sign Language I	3
ASL 102	American Sign Language II	3
ASL 201	American Sign Language III	3
ASL 202	American Sign Language IV	3
ASL 301	American Sign Language V	3
ASL 302	American Sign Language VI	3
ASL 400	American Sign Language VII	3
ASL 405	Advanced ASL	2
Electives in the Division of Humanities, other than Interpreter Training, at the 300 level or above		6
<b>Minimum Total Hours</b>		<b>29</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
ITP 495	Practicum in Interpreting II - CUE	

<sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken.

<sup>2</sup> In addition to courses counted toward General Education.

<sup>3</sup> May be incorporated into the other degree requirements.

<sup>4</sup> The final exam in ITP 220 is part of the ASLIS screening process, which determines a student's eligibility to enter the program in the following fall.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ASL 101	American Sign Language I	3
ITP 115	Heritage & Culture of the Deaf - D1, SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ASL 102	American Sign Language II	3
ENGL 102	Intermediate College Writing - WC	3
ITP 350	Historical Perspectives on the Deaf Community - WR	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Historical Perspective Global Diversity - SBHD2		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
ASL 201	American Sign Language III	3
ITP 210	Application of Fingerspelling and Number Systems	3
ITP 225	Introduction to Interpreting	3
General Education: Cardinal Core Natural Science with Lab - B		4
Humanities Elective (non-ITP) (300 level or above)		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ASL 202	American Sign Language IV	3
ITP 220	Processing Skills for Interpreters	3
ITP 310	Multiculturalism and Interpreting	3
ITP 390	Linguistics and American Sign Language I	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>18</b>
<b>Year 3</b>		
<b>Fall</b>		
ASL 301	American Sign Language V	3
ITP 320	English to ASL Interpreting I	3
ITP 325	ASL to English Interpreting I	3
ITP 390	Linguistics and American Sign Language I	3
ITP 490	Linguistics and ASL II	3
Natural Science or Social Science Elective (300 level or above)		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
ASL 302	American Sign Language VI	3
ITP 370	Interpreting in Specialized Settings I	3
ITP 420	English to ASL Interpreting II ((with consent of instructor))	3
ITP 435	Educational Interpreting	3
Humanities Elective (non-ITP) (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
ASL 400	American Sign Language VII	3
ITP 425	ASL to English Interpreting II	3

ITP 445	Interpreting in Healthcare Settings	3
ITP 470	Practicum in Interpreting I	3
Natural Sciences or Social Science Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ASL 405	Advanced ASL	2
ITP 495	Practicum in Interpreting II - CUE	10
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>125</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Anthropology (BA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Anthropology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Anthropology (<http://louisville.edu/anthropology/>)  
Academic Plan Code(s): ANTHBA

## Program Information

The Anthropology major at the University of Louisville includes 200-level and 300-level courses in Archaeology, Biological Anthropology,

and Cultural Anthropology; a Methods course in one sub-discipline; ANTH 475, which enables majors to apply Anthropology in real-world situations; and ANTH 508, the capstone course that provides a fundamental understanding of the ideas that underlie Anthropology.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	36-38
	Supporting Courses	32
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA/MA in Anthropology

Anthropology majors who are considering pursuing a master's degree (MA) in Anthropology can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA/MA program take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students should apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Students must complete both the department's internal application for permission to participate in the accelerated BA/MA program and the Graduate School's application for admission to the Master of Arts program. Students must have at least a minimum overall Anthropology GPA of 3.3 and meet all other requirements for admission to the Master of Arts in Anthropology program (including at least 18 credit hours of Anthropology with at least nine (9) hours at the 300 level or higher). Students must retain a 3.0 GPA in Anthropology during their senior year to remain in the program.

## Departmental Admission Requirements

Admission to the BA in Anthropology requires a minimum cumulative grade point average of 2.0.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA/MA in Anthropology

Students apply to the Accelerated BA/MA program toward the end of their junior year. Applicants should have completed at least 18 credit hours in Anthropology (ANTH) coursework, with at least nine (9) credit

hours are the 300 level or higher. Students must have at least a 3.3 GPA in these and any other ANTH courses.

Students must first complete the internal application form requesting departmental permission to participate in the accelerated program. After obtaining the department's approval, the student applies for admission to the Graduate School (<https://louisville.edu/graduate/apply/>); complete applications include:

1. GRE scores
2. Names of referees
3. Unofficial transcript
4. Statement of Purpose.

Upon admission to the accelerated program, students will select courses in consultation with their advisor and the Anthropology Director of Graduate Studies (DGS).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
ANTH 202	Biological Anthropology - S	
	or ANTH 207 Principles of Biological Anthropology - B	

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101 Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Anthropology</b>		
ANTH 201	Introduction to Cultural Anthropology - D2, SB	3
ANTH 202	Biological Anthropology - S	3-4
	or ANTH 207 Principles of Biological Anthropology - B	
ANTH 204	Archaeology - D2, SB	3-4
	or ANTH 206 Principles of Archaeology - B	
ANTH 475	Engaged Anthropology - CUE	3
ANTH 508	History of Anthropology - WR, CUE	3
	<b>Methods (Select one of the following):</b>	<b>3</b>
ANTH 509	Archaeological Theory and Methods - WR	

or ANTH 526	Archaeology as Practice	
ANTH 510	Methods in Biological Anthropology - WR	
or ANTH 512	Methods in Skeletal Forensics - WR	
ANTH 511	Ethnographic Methods - WR	
<b>Archaeology (select one of the following):</b>		<b>3</b>
ANTH 301	Archaeology of Sacred Sites	
ANTH 302	Underwater Archaeology	
ANTH 304	Prehistoric Archaeology of Europe - SBH	
ANTH 311	Emergence of Human Culture - SBH	
ANTH 312	Rise of Civilization	
ANTH 316	Ancient Civilizations of Mesoamerica	
ANTH 322	Archaeology of North America - SBH	
ANTH 326	African Archaeology	
ANTH 328	Environmental Archaeology	
ANTH 329	Zooarchaeology	
ANTH 330	Urban and Historic Archaeology	
ANTH 364	Special Topics in Archaeology	
ANTH 377	Field Methods in Archaeology	
ANTH 378	Lithic Technology	
ANTH 379	Ceramic Analysis	
ANTH 526	Archaeology as Practice	
ANTH 529	Zooarchaeology	
ANTH 530	Human Impacts on Past Environments	
ANTH 578	Lithic Technology	
ANTH 579	Ceramic Analysis	
<b>Biological Anthropology (select one of the following):</b>		<b>3</b>
ANTH 303	Human Origins	
ANTH 305	Genes, Peoples and Evolution	
ANTH 306	Human Biological Variation	
ANTH 307	Darwin	
ANTH 308	Primates	
ANTH 327	The Human Skeleton	
ANTH 351	Medical Anthropology	
ANTH 353	Evolutionary Anthropology	
ANTH 354	Anthropology of Infectious Disease	
ANTH 363	Special Topics in Biological Anthropology	
ANTH 410	Skeletal Forensics	
ANTH 535	Nutritional Anthropology	
ANTH 540	Health and Civilization	
ANTH 563	Special Topics in Biological Anthropology	
<b>Cultural Anthropology (select one of the following):</b>		<b>3</b>
ANTH 309	Sex, Gender and Culture	
ANTH 310	Race, Culture, Identity	
ANTH 313	Studies in Ethnomusicology - D2, SB	
ANTH 314	Introduction to Japanese Society - SB, D2	
ANTH 315	The Anthropology of Europe - SB	
ANTH 317	Anthropology of China - D2, SB	
ANTH 318	African-American Cultural Traditions	
ANTH 319	Cultures of the Middle East	
ANTH 320	Indigenous Peoples of North America - SBH, D1	
ANTH 321	American Indian Women	
ANTH 323	Cultures of Africa - SB, D2	

ANTH 324	Iberian Anthropology
ANTH 325	The Anthropology of Latin America - SB, D2
ANTH 331	Anthropology of Religion
ANTH 332	Ecology, Politics and Culture
ANTH 333	Globalizing Inequalities - WR
ANTH 334	Conflict, Law, and Culture
ANTH 336	War and Society - WR
ANTH 337	Nationalism, Violence, and the State
ANTH 338	Anthropology of Refugees
ANTH 339	The Anthropology of Space and Place
ANTH 340	Human Rights
ANTH 342	Museums, Culture and Nationhood
ANTH 343	Language and Culture - D1, AH
ANTH 344	Anthropology of Clothing
ANTH 346	Sustainability: Anthropological Perspectives
ANTH 347	Global Capitalisms
ANTH 348	State & Empire
ANTH 349	Modes of Consciousness
ANTH 352	Food and Body Politic
ANTH 362	Special Topics in Cultural Anthropology
ANTH 507	Space, Place and Culture
ANTH 522	Ecology, Politics and Culture
ANTH 534	Food and Farm Movements in the Americas
ANTH 562	Special Topics in Cultural Anthropology

**Anthropology Electives 9**

<b>Select three courses from any elective category above or from the following:</b>	
ANTH 361	Special Topics in Anthropology
ANTH 401	Cooperative Internship in Anthropology
ANTH 430	Practicum in Anthropology Education
ANTH 450	Readings and Research
ANTH 451	Independent Study
ANTH 499	Senior Honors Thesis
ANTH 517	Anthropology of China
ANTH 528	Animals and Humans
ANTH 531	Anthropology of Water
ANTH 549	Modes of Consiousness

**Minimum Total Hours 36-38**

**Code Title Hours**

<b>Supporting Courses</b>		
Electives in the Social Sciences, Natural Sciences, and Humanities (other than Anthropology) <sup>4</sup>		21
Minimum Electives <sup>5</sup>		9-11

**Minimum Total Hours 32**

Only 40 hours in the major department may be applied toward the Bachelor of Arts Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
ANTH 475	Engaged Anthropology - CUE	
ANTH 508	History of Anthropology - WR, CUE	
1	Completion of the intermediate level of a single foreign language	
2	In addition to courses counted toward General Education; 6 hours must be at 300 level or above	
3	May be incorporated into other degree requirements	
4	15 hours must be at the 300-level or above.	
5	Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.	

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Qualitative Reasoning - QR		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	3
General Elective		2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology)		3
ANTH 202 or ANTH 207	Biological Anthropology - S or Principles of Biological Anthropology - B	3-4
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 1		4
ANTH 204 or ANTH 206	Archaeology - D2, SB or Principles of Archaeology - B	3-4
General Elective		3
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Foreign Language 2		4
Cultural Anthropology Course		3
Humanities or Natural Science Elective		3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology)		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
Foreign Language 3		4
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)		3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)		3
Archaeology Course		3

ANTH 475	Engaged Anthropology - CUE	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Foreign Language 4 (if needed to total 12 hours of foreign language) or General Elective		3
Humanities or Natural Science Elective (300 level or above)		3
Biological Anthropology Course		3
Anthropology Elective		3
Select one of the following:		3
ANTH 509	Archaeological Theory and Methods - WR	
ANTH 510	Methods in Biological Anthropology - WR	
ANTH 511	Ethnographic Methods - WR	
ANTH 512	Methods in Skeletal Forensics - WR	
ANTH 526	Archaeology as Practice	
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Humanities or Natural Science Elective (300 level or above)		3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)		3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)		3
Anthropology Elective (300 level or above)		3
ANTH 508	History of Anthropology - WR, CUE	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)		3
General Elective		3
General Elective		3
Anthropology Elective		3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>121-123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Anthropology (BS)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Anthropology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Anthropology (<http://louisville.edu/anthropology/>)  
Academic Plan Code(s): ANTHBS

## Program Information

Anthropology is the study of what it means to be human: from the study of culture and social relations, to human biology and evolution, to languages, to music, art and architecture, and to vestiges of human habitation. It considers such fascinating questions as how peoples' behaviors changes over time, how people move about the world, why and how people from distant parts of the world and dissimilar cultures are different and the same, how the human species has evolved over millions of years, and how individuals understand and operate successfully in distinct cultural settings.

The Bachelor of Science degree in Anthropology will allow students to develop skills to understand and critically evaluate numerical data. The degree will strengthen the students' major, preparing them for graduate research and the job market.

## Degree Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	39-41
	Supporting Courses	27
	Culminating Undergraduate Experience (Graduation requirement)	3
	<b>Minimum Total Hours</b>	<b>122</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

## Departmental Admission Requirements

Admission to the BS in Anthropology requires a minimum cumulative grade point average of 2.0.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

\* All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
GEN 101	Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	6
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR-two approved courses at the 300-level or above <sup>3</sup>	6
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Anthropology</b>		
ANTH 201	Introduction to Cultural Anthropology - D2, SB <sup>4</sup>	3
ANTH 202	Biological Anthropology - S <sup>4</sup>	3-4
	or ANTH 207 Principles of Biological Anthropology - B	
ANTH 204	Archaeology - D2, SB <sup>4</sup>	3-4
	or ANTH 206 Principles of Archaeology - B	
ANTH 475	Engaged Anthropology - CUE	3
ANTH 508	History of Anthropology - WR, CUE <sup>5</sup>	3
	<b>Select one course from the following:</b>	<b>3</b>
ANTH 376	Quantitative Analysis in Anthropology	
BIOL 350	Biostatistics	
PSYC 205	Making Sense of Data - QR <sup>4</sup>	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
	<b>Methods (select one of the following):</b>	<b>3</b>
ANTH 509	Archaeological Theory and Methods - WR <sup>5</sup>	
ANTH 510	Methods in Biological Anthropology - WR <sup>5</sup>	
ANTH 512	Methods in Skeletal Forensics - WR <sup>5</sup>	
ANTH 511	Ethnographic Methods - WR <sup>5</sup>	
ANTH 526	Archaeology as Practice	
	<b>Cultural Anthropology (select one of the following):</b>	<b>3</b>
ANTH 309	Sex, Gender and Culture	
ANTH 310	Race, Culture, Identity	
ANTH 313	Studies in Ethnomusicology - D2, SB	
ANTH 314	Introduction to Japanese Society - SB, D2	
ANTH 315	The Anthropology of Europe - SB	
ANTH 317	Anthropology of China - D2, SB	
ANTH 318	African-American Cultural Traditions	
ANTH 319	Cultures of the Middle East	
ANTH 320	Indigenous Peoples of North America - SBH, D1	
ANTH 321	American Indian Women	
ANTH 323	Cultures of Africa - SB, D2	
ANTH 324	Iberian Anthropology	
ANTH 325	The Anthropology of Latin America - SB, D2	
ANTH 331	Anthropology of Religion	
ANTH 332	Ecology, Politics and Culture	

ANTH 333	Globalizing Inequalities - WR <sup>5</sup>	
ANTH 334	Conflict, Law, and Culture	
ANTH 336	War and Society - WR <sup>5</sup>	
ANTH 337	Nationalism, Violence, and the State	
ANTH 338	Anthropology of Refugees	
ANTH 339	The Anthropology of Space and Place	
ANTH 340	Human Rights	
ANTH 342	Museums, Culture and Nationhood	
ANTH 343	Language and Culture - D1, AH	
ANTH 344	Anthropology of Clothing	
ANTH 346	Sustainability: Anthropological Perspectives	
ANTH 347	Global Capitalisms	
ANTH 348	State & Empire	
ANTH 349	Modes of Consciousness	
ANTH 351	Medical Anthropology	
ANTH 352	Food and Body Politic	
ANTH 362	Special Topics in Cultural Anthropology	
ANTH 507	Space, Place and Culture	
ANTH 522	Ecology, Politics and Culture	
ANTH 534	Food and Farm Movements in the Americas	
ANTH 562	Special Topics in Cultural Anthropology	
<b>Archaeology (select one of the following):</b>		<b>3</b>
ANTH 301	Archaeology of Sacred Sites	
ANTH 302	Underwater Archaeology	
ANTH 304	Prehistoric Archaeology of Europe - SBH	
ANTH 311	Emergence of Human Culture - SBH	
ANTH 312	Rise of Civilization	
ANTH 316	Ancient Civilizations of Mesoamerica	
ANTH 322	Archaeology of North America - SBH	
ANTH 326	African Archaeology	
ANTH 328	Environmental Archaeology	
ANTH 329	Zooarchaeology	
ANTH 330	Urban and Historic Archaeology	
ANTH 364	Special Topics in Archaeology	
ANTH 377	Field Methods in Archaeology	
ANTH 378	Lithic Technology	
ANTH 379	Ceramic Analysis	
ANTH 380	Ice Age People: Colonization of the Americans - SB	
ANTH 526	Archaeology as Practice	
ANTH 529	Zooarchaeology	
ANTH 530	Human Impacts on Past Environments	
ANTH 578	Lithic Technology	
ANTH 579	Ceramic Analysis	
<b>Biological Anthropology (select one of the following):</b>		<b>3</b>
ANTH 303	Human Origins	
ANTH 305	Genes, Peoples and Evolution	
ANTH 306	Human Biological Variation	
ANTH 307	Darwin	
ANTH 308	Primates	
ANTH 327	The Human Skeleton	
ANTH 353	Evolutionary Anthropology	
ANTH 354	Anthropology of Infectious Disease	

ANTH 363	Special Topics in Biological Anthropology	
ANTH 410	Skeletal Forensics	
ANTH 535	Nutritional Anthropology	
ANTH 540	Health and Civilization	
ANTH 563	Special Topics in Biological Anthropology	

**Anthropology Electives 9**

Select three courses from any elective category above or from the following:

ANTH 361	Special Topics in Anthropology	
ANTH 401	Cooperative Internship in Anthropology	
ANTH 430	Practicum in Anthropology Education	
ANTH 450	Readings and Research	
ANTH 451	Independent Study	
ANTH 499	Senior Honors Thesis	
ANTH 528	Animals and Humans	
ANTH 531	Anthropology of Water	

**Minimum Total Hours 39-41**

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in the Social Sciences, Natural Sciences, and Humanities (other than Anthropology) <sup>4</sup>		15
Six additional hours of foreign language		6
Minimum Electives		6-8

**Minimum Total Hours 27**

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		3
ANTH 475	Engaged Anthropology - CUE	
ANTH 508	History of Anthropology - WR, CUE	

Only 60 hours in the major department may be applied toward the Bachelor of Science Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

- 1 Completion of the intermediate level of a single foreign language
- 2 In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- 3 May be incorporated into other degree requirements
- 4 Fulfills General Education requirement
- 5 Fulfills WR requirement

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 101	Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Qualitative Reasoning - QR		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3

General Education: Cardinal Core Natural Sciences with Lab - B	4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology)	3
ANTH 202 Biological Anthropology - S or ANTH 207 or Principles of Biological Anthropology - B	3-4
<b>Hours</b>	<b>16-17</b>

**Year 2**

**Fall**

General Education: Cardinal Core Arts & Humanities - AH	3
General Education: Cardinal Core Natural Sciences - S	3
Foreign Language 1	4
ANTH 204 Archaeology - D2, SB or ANTH 206 or Principles of Archaeology - B	3
General Elective	2
<b>Hours</b>	<b>15</b>

**Spring**

General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
Foreign Language 2	4
Humanities or Natural Science Elective	3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology)	3
Select one of the following:	3
ANTH 376 Quantitative Analysis in Anthropology	
BIOL 350 Biostatistics	
PSYC 205 Making Sense of Data - QR	
PSYC 301 Statistics for Psychology or SOC 301 or Introduction to Social Statistics	
<b>Hours</b>	<b>16</b>

**Year 3**

**Fall**

Foreign Language 3	4
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)	3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)	3
Archaeology Course	3
ANTH 475 Engaged Anthropology - CUE	3
<b>Hours</b>	<b>16</b>

**Spring**

General Elective	3
Humanities or Natural Science Elective (300 level or above)	3
Biological Anthropology Course	3
Anthropology Elective	3
Select one of the following:	3
ANTH 509 Archaeological Theory and Methods - WR	
ANTH 510 Methods in Biological Anthropology - WR	
ANTH 511 Ethnographic Methods - WR	
ANTH 512 Methods in Skeletal Forensics - WR	
ANTH 526 Archaeology as Practice	
<b>Hours</b>	<b>15</b>

**Year 4**

**Fall**

Humanities or Natural Science Elective (300 level or above)	3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)	3
Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)	3
Anthropology Elective (300 level or above)	
ANTH 508 History of Anthropology - WR, CUE	3
Cultural Anthropology Course	3
<b>Hours</b>	<b>15</b>

**Spring**

Social Sciences, Natural Sciences, or Humanities Elective (not Anthropology) (300 level or above)	3
General Elective	3
General Elective	3
Anthropology Elective	3
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>121-122</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Art (BA)**



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Arts in Art**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Fine Arts (<http://louisville.edu/art/>)  
Academic Plan Code(s): ART\_BA

**Program Information**

The Bachelor of Arts (BA) in Art program is a mixed-media degree primarily intended for art students who wish to receive a broad

experience in studio practice within the context of a liberal arts education.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	40
	Supporting Courses <sup>1</sup>	28
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

All students wishing to major in the Department of Fine Arts specializing in studio art must complete and submit a separate "Application for Admission" to the department. Admission is selective and enrollments may be limited. Studio art courses may be restricted to majors only. Enrolled University of Louisville students may obtain an application and apply through the department's offices. Incoming and transfer students must be accepted by the University first, and then apply for admission to the department.

To qualify for admission to the department, students must be admitted to the University in Good Standing, have a minimum cumulative GPA of 2.5, and meet the minimum overall grade point standards for the College of Arts & Sciences. In addition, a grade of D in any department course at the 300 level or above may not be used to fulfill a departmental requirement.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

Two of the following:

- ARTH 250 Ancient Through Medieval Art - AH
- or ARTH 270 Renaissance Through Modern Art - AH
- or ARTH 290 Survey of Asian Art - D2, AH

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Natural Sciences or Social Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Fine Arts</b>		
ART 105	Foundation 2-D Design	3
ART 106	Foundation 3-D Design	3
ART 107	Foundation Drawing	3
ART 206	Foundation Art Concepts and Methods	3
or ART 207	Foundation Figure Drawing	
	Select two of the following:	6
	ARTH 250 Ancient Through Medieval Art - AH <sup>4</sup>	
	ARTH 270 Renaissance Through Modern Art - AH <sup>4</sup>	
	ARTH 290 Survey of Asian Art - D2, AH <sup>4</sup>	
	Art History elective at the 300 level or above	3
	Select four of the following:	12
	ART 301 Introduction to Painting	
	ART 305 Drawing and Composition	
	ART 311 Introduction to Glassmaking Techniques	
	ART 321 Introduction to Sculpture	
	ART 331 Introduction to Clay	
	ART 341 Introduction to Printmaking	
	ART 351 Introduction to Black and White Photography	
	ART 361 Introduction to Interior Design	
	ART 381 Introduction to Fiber/Mixed Media	
	ART 383 Papermaking	
	ART 385 Introduction to Book Arts	
	ART 390 Special Problems in Studio Art	
ART 599	Studio Art Undergraduate Capstone Seminar - CUE	1
	Electives in Art at the 500 level	6
<b>Minimum Total Hours</b>		<b>40</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	Electives in Humanities disciplines, other than Art or Art History, at the 300 level or above	15
	WR Elective in Humanities discipline, other than Art or Art History, at the 400 level or above	3
	Minimum Electives <sup>5</sup>	10
<b>Minimum Total Hours</b>		<b>28</b>

Note: A grade of C-minus or better is required in all 300-level and 500-level courses in the major.

Only 40 hours in the major department may be applied toward the Bachelor of Arts Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (For students admitted Summer 2014 or later)</b>		
Requirement fulfilled by completing:		
ART 599	Studio Art Undergraduate Capstone Seminar - CUE	
1	Completion of the intermediate level of a single foreign language.	
2	In addition to courses counted toward General Education; 6 hours must be at 300 level or above.	
3	May be incorporated into other degree requirements.	
4	Fulfills General Education requirement.	
5	Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.	

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 107	Foundation Drawing	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 206	Foundation Art Concepts and Methods	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
Art Elective (300 level)		3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 1		4
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	

ARTH 290	Survey of Asian Art - D2, AH	
Art Elective (300 level)		3
Foreign Language 2		4
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
Art Elective (300 level)		3
Art History Elective (300 level)		3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 3		4
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
WR Course (300 level or above)		3
Art Elective (300 level)		3
Social Science or Natural Science Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Art Elective (500 level)		3
Humanities Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
Social Science or Natural Science Elective (300 level or above)		3
General Elective (300 level or above)		1
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
Art Elective (500 level)		3
ART 599	Studio Art Undergraduate Capstone Seminar - CUE	1
Humanities Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
Humanities WR Elective (400 level or above)		3
Social Science or Natural Science Elective		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Art - Fine Art (BFA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Fine Arts in Art

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Fine Arts (<http://louisville.edu/art/>)

Academic Plan Code(s): See Track Requirements tab.

## Program Information

The Department of Fine Arts and the Hite Art Institute offers the Bachelor of Fine Arts (BFA) degree, which is primarily intended for professionally oriented art students and those planning to pursue graduate work in studio arts. The BFA provides the opportunity for students to go into more depth in a chosen area. There are three tracks in the BFA Program:

- Graphic Design (<http://louisville.edu/art/Undergraduate/bfa-in-art-or-design/cad.html>)
- Interior Design (<http://louisville.edu/art/Undergraduate/bfa-in-art-or-design/bfa-in-interior-design/>)
- Studio Art (<http://louisville.edu/art/Undergraduate/bfa-in-art-or-design/bfa-studio-art/>)

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
	College/School Requirements	10
	Program/Major Requirements <sup>1,2</sup>	27-30
	Supporting Courses	20
	Track Requirements	30-33
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

<sup>2</sup> To complete the degree in the **minimum number of hours** listed for all tracks, some hours from the General Education Requirements may be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

The BFA degree is primarily intended for professionally oriented art students and for those planning to pursue graduate work in the studio arts.

Admission is selective, and enrollments may be limited. Enrolled University of Louisville students may apply for admission to the BFA program upon completion of the Foundation Program and the introductory course to the area of track, with a minimum grade point average of 3.0 in department (studio art and art history) courses and a cumulative grade point average of 2.5. Once admitted, students must maintain an overall grade point average of 2.5 or above and a 3.0 or above in department courses to remain enrolled in the BFA program.

Students who do not meet the GPA requirements will be placed on departmental probation and given one semester in which to raise their GPA. If unable to meet the GPA requirements within that time frame, students will be returned to the BA program in Studio Art. If removed, students may reapply to the BFA program once the GPA requirements have been met.

Upon admission to the BFA Program, students and faculty will complete and sign a BFA Student/Mentor Contract outlining the progress expected toward completion of the degree. If at any point during the student's study the mentor deems the student's progress and/or ability to meet his/her obligations as a student in the BFA program unsatisfactory that mentor has the right to resign his/her post as mentor. In this instance a student must seek another mentor or transfer back into the BA program in studio art. If a student requests a different mentor and no faculty agrees to work with them the student will be returned to the BA program in Studio Art.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For the BFA candidate in 2D or 3D studios, this includes a committee review of the candidate's work one semester prior to graduation and participation in the BFA exhibition held during the semester of graduation. For the BFA candidate in Graphic Design or Interior Design, this includes participation in the professional portfolio review at the end of their professional practice course.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

- ARTH 250 Ancient Through Medieval Art - AH
- or ARTH 270 Renaissance Through Modern Art - AH
- or ARTH 290 Survey of Asian Art - D2, AH

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Electives in Natural Sciences or Social Sciences <sup>1</sup>		9
WR—two approved courses at the 300 level or above <sup>2</sup>		
<b>Minimum Total Hours</b>		<b>10</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Fine Arts</b>		
ART 105	Foundation 2-D Design	3
ART 106	Foundation 3-D Design	3
ART 107	Foundation Drawing	3
Select one of the following:		3
ART 205	Foundation Design Methods <sup>3</sup>	
ART 206	Foundation Art Concepts and Methods <sup>4</sup>	
ART 207	Foundation Figure Drawing <sup>5</sup>	
Select two of the following: <sup>6</sup>		6
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
Art History electives at the 300 level or above <sup>7</sup>		3-6
Studio Art electives at the 300 level <sup>8</sup>		6
<b>Minimum Total Hours</b>		<b>27-30</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in Humanities disciplines, other than Art or Art History, at the 300 level or above		15
WR Elective in Humanities discipline, other than Art or Art History, at the 400 level or above		3
Minimum Electives <sup>9</sup>		0-2
<b>Minimum Total Hours</b>		<b>20</b>

Code	Title	Hours
<b>Studio Art Track (See Track Requirements tab)</b>		<b>30-33</b>

60 hours minimum Art/Art History total for Interior Design and Graphic Design tracks; 63 hours minimum total for 2D Studios and 3D Studios tracks. At least 50 of the total minimum hours required must be at the 300 level or above.

A grade of C-minus or better is required in all 300 and 500-level courses in the major.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Track in Interior Design requirement fulfilled by completing:		

ART 596	Professional Development in Interior Design - CUE
Track in Graphic Design requirement fulfilled by completing:	
ART 598	Portfolio Development in Graphic Design - CUE
Track in Studio Art requirement fulfilled by completing:	
ART 597	Professional Development in Studio Arts - CUE
Track in 2-D Studios requirement fulfilled by completing:	
ART 597	Professional Development in Studio Arts - CUE
Track in 3-D Studios requirement fulfilled by completing:	
ART 597	Professional Development in Studio Arts - CUE

- <sup>1</sup> In addition to courses counting towards General Education; 6 hours must be at 300 level or above.
- <sup>2</sup> May be incorporated into other degree requirements.
- <sup>3</sup> Students planning to study Graphic Design must take ART 205. Students planning to study Interior Design may choose either ART 205 or ART 206.
- <sup>4</sup> Students planning to study Interior Design may choose either ART 205 or ART 206.
- <sup>5</sup> Students planning to study 2D Studios or 3D Studios may choose either ART 206 or ART 207.
- <sup>6</sup> Fulfills General Education AH requirement.
- <sup>7</sup> BFA Graphic Design students must take ARTH 301 and a 300-level elective. BFA Interior Design students must take ARTH 347. BFA 2D Studios and 3D Studios must take 6 elective hours at the 300-level.
- <sup>8</sup> BFA Interior Design students must take ART 361 and ART 362; BFA Graphic Design students must take ART 371 and a 300-level elective. BFA 2D Studios and 3D Studios must take 6 elective hours at the 300-level.
- <sup>9</sup> BFA Graphic Design and BFA Interior Design students may have elective hours. Students who fulfill general education requirements with courses in the major or supporting courses may have electives. To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements may need to be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements may require additional hours to complete the degree requirements or decrease the listed electives.

## Track Requirements

### Track in Interior Design

Academic Plan Code(s): ART\_BFAIAR

Code	Title	Hours
ART 559	Computer Applications for Interiors I	3
ART 561	Interior Design Studio I	3
ART 562	Interior Design Studio II	3
ART 563	Interior Design Studio III	3
ART 564	Interior Design Studio IV	3
ART 565	Directed Projects in Interior Design	3
ART 566	Interiors Construction	3
ART 567	Interior Finishes	3
ART 568	Building Systems	3
ART 569	Computer Applications for Interiors II	3

ART 596	Professional Development in Interior Design - CUE	3
<b>Minimum Total Hours</b>		<b>33</b>

### Track in Graphic Design

Academic Plan Code(s): ART\_BFACOA

Code	Title	Hours
ART 570	Design for Public Issues	3
ART 571	Typography I	3
ART 572	Typography II	3
ART 573	Identity Systems	3
ART 574	The Book Form	3
ART 576	Web Site Design	3
ART 598	Portfolio Development in Graphic Design - CUE	3
<i>Electives in Graphic Design</i>		
Select two of the following:		6
ART 510	Design for Visualizing Data and Information	
ART 520	Adventures in Design Methods and Processes	
ART 530	Environmental Graphic Design and Wayfinding	
ART 540	Art, Design and Meaning	
ART 550	Lettering and Font Design	
ART 575	Packaging Design	
ART 577	Design for Interaction	
ART 579	Directed Study in Graphic Design	
ART 580	Advanced Book Forms	
<i>Electives in Studio Art or Art History</i>		3
<b>Minimum Total Hours</b>		<b>30</b>

### Track in Studio Art

Academic Plan Code(s): ART\_BFASTA

Students will select a minimum of five 500-level courses from all 2D or 3D studio areas (excluding Graphic Design and Interior Design).

Code	Title	Hours
<b>Track Requirements/Core</b>		
ART 597	Professional Development in Studio Arts - CUE	3
Select a minimum of five courses (15 hours) from the following 2D or 3D studio areas:		15
ART 501	Concepts in Painting	
ART 502	Advanced Concepts in Painting	
ART 503	Special Topics in Painting	
ART 504	Directed Study in Painting	
ART 505	Advanced Figure Drawing	
ART 506	Themes and Concepts in Drawing	
ART 507	Directed Study in Drawing	
ART 541	Studio Practice in Printmaking	
ART 542	Digital Printmaking	
ART 543	Directed Study in Printmaking	
ART 551	Lighting	
ART 552	Color Imaging	
ART 554	Alternative and Historic Photographic Processes	
ART 555	Directed Study in Photography	

ART 556	Experimental Photography	
ART 511	Advanced Glassmaking Techniques	
ART 512	Directed Study in Glass	
ART 521	Practice of Sculpture	
ART 522	Sculpture Strategies	
ART 523	Directed Study in Sculpture	
ART 531	Advanced Ceramics: Wheelthrowing	
ART 532	Advanced Ceramics: Sculptural Forms	
ART 533	Clay Glazes and Firing	
ART 534	Directed Study in Ceramics	
ART 581	Advanced Fiber/Surface Design	
ART 582	Advanced Fiber/ Mixed Media Art	
ART 583	Papermaking	
ART 584	Directed Study in Fiber and Mixed Media Art	

#### Electives

15 hours of Studio Art (ART) or Art History (ARTH) at the 300-level or above

**Minimum Total Hours** **33**

## Tracks Closed to Further Enrollment

### Track in 2-D Studios\*

Academic Plan Code(s): ART\_BFA2DS

**\*Note: This program is closed to further enrollment as of Fall 2021.**

Code	Title	Hours
<b>Track Requirements/Core</b>		
ART 597	Professional Development in Studio Arts - CUE	3
Select five of the following:		15
ART 501	Concepts in Painting	
ART 502	Advanced Concepts in Painting	
ART 503	Special Topics in Painting	
ART 504	Directed Study in Painting	
ART 505	Advanced Figure Drawing	
ART 506	Themes and Concepts in Drawing	
ART 507	Directed Study in Drawing	
ART 541	Studio Practice in Printmaking	
ART 542	Digital Printmaking	
ART 543	Directed Study in Printmaking	
ART 551	Lighting	
ART 552	Color Imaging	
ART 554	Alternative and Historic Photographic Processes	
ART 555	Directed Study in Photography	
ART 556	Experimental Photography	
ART 557	Advanced Photography	

#### Electives

15 hours of Studio Art (ART) or Art History (ARTH), 300-level or above

**Minimum Total Hours** **33**

### Track in 3-D Studios\*

Academic Plan Code(s): ART\_BFA3DS

**\*Note: This program is closed to further enrollment as of Fall 2021.**

Code	Title	Hours
<b>Track Requirements/Core</b>		
ART 597	Professional Development in Studio Arts - CUE	3
Select five of the following:		15
ART 511	Advanced Glassmaking Techniques	
ART 512	Directed Study in Glass	
ART 521	Practice of Sculpture	
ART 522	Sculpture Strategies	
ART 523	Directed Study in Sculpture	
ART 531	Advanced Ceramics: Wheelthrowing	
ART 532	Advanced Ceramics: Sculptural Forms	
ART 533	Clay Glazes and Firing	
ART 534	Directed Study in Ceramics	
ART 581	Advanced Fiber/Surface Design	
ART 582	Advanced Fiber/ Mixed Media Art	
ART 583	Papermaking	
ART 584	Directed Study in Fiber and Mixed Media Art	
<b>Electives</b>		
15 hours of Studio Art (ART) or Art History (ARTH), 300-level or above		15
<b>Minimum Total Hours</b>		<b>33</b>

## Flight Plan

### Track in 2D Studio

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 107	Foundation Drawing	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
Select one of the following:		3
ART 206	Foundation Art Concepts and Methods	
ART 207	Foundation Figure Drawing	
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Global Diversity - SBD2		3
Select one of the following:		3

ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective US Diversity - SBHD1		3
General Education: Cardinal Core Arts & Humanities - AH		3
Art 2D elective (500 level)		3
Art or Art History elective (300 level or above)		3
Art History elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Art 2D elective (500 level)		3
Art or Art History elective (300 level or above)		3
Social Science or Natural Science elective		3
Humanities elective (300 level or above)		3
Art History elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Art 2D elective (500 level or above)		3
Art 2D elective (500 level or above)		3
Humanities and WR elective (300 level or above)		3
Social Science or Natural Science (300 level or above)		3
Art elective (300 level or above)		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
Art 2D elective (500 level or above)		3
Art elective (300 level or above)		3
Art elective (300 level or above)		3
Humanities elective (300 level or above)		3
Social Science or Natural Science elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Art elective (300 level or above)		3
Art elective (300 level or above)		3
ART 597	Professional Development in Studio Arts - CUE	3
Humanities elective (300 level or above)		3
Humanities WR Elective (400 level or above)		3
Humanities elective (300 level or above)		3
<b>Hours</b>		<b>18</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Track in 3D Studio

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 107	Foundation Drawing	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>

<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
Select one of the following:		3
ART 206	Foundation Art Concepts and Methods	
ART 207	Foundation Figure Drawing	
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	

**Hours** 15

<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Elective		3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3

**Hours** 15

<b>Spring</b>		
Art 3D elective (500 level or above)		3
Art History elective (300 level or above)		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3

**Hours** 15

<b>Year 3</b>		
<b>Fall</b>		
Art 3D elective (500 level or above)		3
Art elective (300 level or above)		3
Social Science or Natural Science elective		3
Humanities elective (300 level or above)		3
Art History elective (300 level or above)		3

**Hours** 15

<b>Spring</b>		
Art 3D elective (500 level or above)		3
Art 3D elective (500 level or above)		3
Humanities and WR elective (300 level or above)		3
Social Science or Natural Science elective (300 level or above)		3
Art elective (300 level or above)		3

**Hours** 15

<b>Year 4</b>		
<b>Fall</b>		
General Elective		1
Art 3D elective (500 level or above)		3
Art elective (300 level or above)		3
Art elective (300 level or above)		3
Humanities elective (300 level or above)		3
Social Science or Natural Science elective (300 level or above)		3

**Hours** 16

<b>Spring</b>		
Art elective (300 level or above)		3
Art elective (300 level or above)		3
ART 597	Professional Development in Studio Arts - CUE	3
Humanities elective (300 level or above)		3

Humanities elective (300 level or above)		3
Humanities WR Elective (400 level or above)		3
<b>Hours</b>		<b>18</b>
<b>Minimum Total Hours</b>		<b>123</b>

## Track in Graphic Design

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 107	Foundation Drawing	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 205	Foundation Design Methods	3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>15</b>

<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Natural Sciences - S		3
ART 371	Introduction to Graphic Design	3
ART 571	Typography I	3
ARTH 301	History and Issues of Graphic Design	3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Social & Behavioral Sciences - SBD1		3
ART 572	Typography II	3
ART 576	Web Site Design	3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 3</b>		
<b>Fall</b>		
ART 574	The Book Form	3
Graphic Design Elective (500 level from list)		3
Social Science or Natural Science elective		3
Humanities elective (300 level or above)		3
Art History elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Graphic Design Elective (500 level from list)		3
Art elective (300 level)		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3

Humanities WR elective (300 level or above)	3
Social Science or Natural Science elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
ART 570 Design for Public Issues	3
ART 573 Identity Systems	3
Social Science or Natural Science elective (300 level or above)	3
Art or Art History elective (300 level or above)	3
Humanities elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ART 598 Portfolio Development in Graphic Design - CUE	3
Humanities elective (300 level or above)	3
Humanities elective (300 level or above)	3
Humanities WR Elective (400 level or above)	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122</b>

## Track in Interior Design

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 107	Foundation Drawing	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
ART 205	Foundation Design Methods	3
ART 361	Introduction to Interior Design	3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
ART 362	Color Theory and Human Factors in Interior Design	3

ART 561	Interior Design Studio I	3
ART 567	Interior Finishes	3
General Elective		3
<b>Hours</b>		<b>18</b>
<b>Year 3</b>		
<b>Fall</b>		
ART 559	Computer Applications for Interiors I	3
ART 562	Interior Design Studio II	3
ART 566 or ART 568	Interiors Construction or Building Systems	3
Social Science or Natural Science elective		3
Humanities elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 563	Interior Design Studio III	3
ART 569	Computer Applications for Interiors II	3
ARTH 347	Historic Interiors	3
Humanities and WR elective (300 level or above)		3
Social Science or Natural Science elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
ART 564	Interior Design Studio IV	3
ART 566 or ART 568	Interiors Construction or Building Systems	3
Humanities elective (300 level or above)		3
Humanities elective (300 level or above)		3
Humanities elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ART 565	Directed Projects in Interior Design	3
ART 596	Professional Development in Interior Design - CUE	3
Humanities elective (300 level or above)		3
Humanities WR Elective (400 level or above)		3
Social Science or Natural Science elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

## Track in Studio Art

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
ART 107	Foundation Drawing	3
General Education: Cardinal Core Natural Science-S		3
General Education: Cardinal Core Natural Sciences Lab		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning-QR		3
ART 105 or ART 106	Foundation 2-D Design or Foundation 3-D Design	3
Select one of the following:		3
ART 206	Foundation Art Concepts and Methods	
ART 207	Foundation Figure Drawing	
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	

ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Natural Sciences-S		3
General Education: Cardinal Core Social and Behavioral Sciences Historical Perspective US Diversity-SBHD1		3
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
Art Studio Elective (300 level)		3
Art Studio Elective (300 level)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Oral Communication-OC		3
General Education: Cardinal Core Arts and Humanities-AH		3
General Education: Cardinal Core Social and Behavioral Sciences Global Diversity-SBD2		3
Art Studio elective (500 level)		3
Art History elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Social Science or Natural Science elective (300 level or above)		3
Humanities elective (300 level or above)		3
Art History elective (300 level or above)		3
Art Studio elective (500 level)		3
Art or Art History elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Social Science or Natural Science elective (300 level or above)		3
Humanities WR elective		3
Humanities elective (300 level or above)		3
Art Studio elective (500 level)		3
Art or Art History elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Social Science or Natural Science elective (300 level or above)		3
Humanities elective (300 level or above)		3
Art Studio elective (500 level)		3
Art or Art History elective (300 level or above)		3
Art or Art History elective (300 level or above)		3
General elective		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
Humanities elective (300 level or above)		3
Humanities WR elective		3
Art Studio elective (500 level)		3
Art or Art History elective (300 level or above)		3
ART 597	Professional Development in Studio Arts - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Art History (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Art History

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Fine Art (<http://louisville.edu/art/>) (<http://louisville.edu/art/>)

Academic Plan Code(s): ARTHBA

## Program Information

The Department of Fine Arts offers the Bachelor of Arts (BA) in Art History. Art History introduces students to the history and appreciation of the visual arts. The Art History BA provides students with an in-depth understanding of the history of art, architecture, and visual culture—their production, circulation, and reception—while teaching them to interrogate visuality more broadly.

For the undergraduate wishing to major in Art History, the program provides study in the areas of:

- Renaissance and Baroque Art in Italy, Spain, and Northern Europe,
- Mexican Art;
- 19th and 20th Century Architecture;
- American Art;
- Film;

- Modern, Contemporary western, and;
- Asian and Non-western Art and Architecture.

Courses are also offered in curatorial studies, historic interiors, the history of drawing and prints, the history of photography, and the history of graphic design.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	33
	Supporting Courses	35
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA/MA in Art History

Art History majors who are considering pursuing a master's degree (MA) in Art History can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA/MA program take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students should apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Students must have at least a 3.0 university grade point average when they apply and must maintain a 3.0 once accepted.

## Departmental Admission Requirements

All students wishing to major in Art History must complete and submit a separate Application for Admission form to the department. Enrolled University of Louisville students may obtain an application and apply through the department's offices. Incoming and transfer students must be accepted by the University first, and then apply for admission to the department.

## Accelerated BA/MA in Art History

Interested students apply to the accelerated program no later than the end of Junior year (i.e., before completing 90 hours of credit). To be considered for admission, a student must:

- Have a minimum university GPA of 3.0
- Complete an application for admission to the graduate program
- Supply GRE scores, transcripts, a statement of purpose, writing sample, and two (2) letters of recommendation

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

- ARTH 250 Ancient Through Medieval Art - AH
- or ARTH 270 Renaissance Through Modern Art - AH
- or ARTH 290 Survey of Asian Art - D2, AH

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Natural Sciences or Social Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Fine Arts</b>		
Select two of the following:		6
ARTH 250	Ancient Through Medieval Art - AH <sup>4</sup>	
ARTH 270	Renaissance Through Modern Art - AH <sup>4</sup>	
ARTH 290	Survey of Asian Art - D2, AH <sup>4</sup>	
<b>Period/Area Courses<sup>5</sup></b>		<b>9</b>
<i>Pre 1750</i>		
Select one of the following:		
ARTH 345	History of Drawing and Prints	
ARTH 351	Greek Art and Architecture	
ARTH 353	Roman Art and Architecture	
ARTH 362	Early Medieval Art and Architecture - WR	
ARTH 363	Late Medieval Art and Architecture - WR	
ARTH 364	Byzantine Art & Architecture	
ARTH 367	Islamic Art and Architecture	
ARTH 371	Italian Renaissance Art I	
ARTH 372	Italian Renaissance Art II	
ARTH 373	Northern Renaissance Art	
ARTH 381	Baroque Art	
ARTH 551	Studies in Ancient Art	
ARTH 552	Ancient Painting	
ARTH 553	Ancient Cities	
ARTH 561	Studies in Medieval Art	
ARTH 571	Studies in Renaissance Art	
ARTH 574	History of Drawing and Prints	

ARTH 581	Studies in Baroque Art
<i>After 1750</i>	
Select one of the following:	
ARTH 320	Twentieth-Century Art
ARTH 321	Art 1900-1945
ARTH 322	Pop Art & Fluxus
ARTH 325	Art Since 1945
ARTH 326	International Trends in Contemporary Art
ARTH 343	African-American Art to 1920
ARTH 344	African-American Art 1920 to Present
ARTH 391	Nineteenth-Century Art
ARTH 393	Nineteenth-Century Architecture
ARTH 394	Twentieth-Century Architecture
ARTH 395	American Art I
ARTH 396	American Art II
ARTH 397	History of Photography
ARTH 398	History of Landscape Architecture
ARTH 526	Studies in Contemporary Art
ARTH 593	Studies in Modern Architecture
ARTH 595	Studies in American Art
ARTH 597	Studies in Photographic History

*Non-Western*

Select one of the following:		
ARTH 331	Chinese Art	
ARTH 335	Twentieth Century Chinese Artists and Architects - D2, AH	
ARTH 337	Eastern Asia Landscape Art	
ARTH 339	Architecture and Gardens in China and Japan	
ARTH 341	African Art: A Survey	
ARTH 365	Mexican Art and Architecture	
ARTH 531	Studies in Asian Art	
Two 300+ level electives in Art History	6	
Two 500-level electives in Art History	6	
ARTH 541	Theories & Methods of Art History	3
ARTH 550	Art History Undergraduate Capstone Seminar - CUE	3

**Minimum Total Hours 33**

Code	Title	Hours
<b>Supporting Courses</b>		
Courses in Humanities disciplines other than Art or Art History, at 300 level or above		15
WR Elective in Humanities discipline, other than Art or Art History, at the 400 level or above		3
Minimum Electives <sup>6</sup>		17
<b>Minimum Total Hours</b>		<b>35</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

Courses in studio art are calculated in the 40 hours allowed for art history majors.

At least 50 of the total minimum hours required must be at the 300 level or above.

Students are expected to meet the minimum overall grade point standards for the College of Arts & Sciences. In addition, a grade of D in any department course at the 300 level or above may not be used to fulfill a departmental requirement. A grade of C-minus or better is required in all 300- and 500-level courses in the major.

**Code Title Hours**  
**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:		
ARTH 550	Art History Undergraduate Capstone Seminar - CUE	
1	Completion of the intermediate level of a single foreign language.	
2	In addition to courses counted toward General Education; 6 hours must be at 300 level or above.	
3	May be incorporated into other degree requirements.	
4	Fulfills General Education requirement.	
5	Students must select a minimum of one course from each of the following three periods. Of the total 33 hours in Art History, 15 hours must be at the 300 level and 12 hours must be at the 500 level.	
6	Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.	

**Flight Plan**

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Foreign Language 1		4
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 2		4
Select one of the following:		3
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 3		4
Art History Period/Area Course (300 level)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>16</b>

**Spring**

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
General Elective	3
Humanities Elective (300 level or above)	3
Art History Period/Area Course	3
Art History Elective (300 level)	3
<b>Hours</b>	<b>15</b>

**Year 3**

<b>Fall</b>	
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1	3
General Education: Cardinal Core Natural Sciences - S	3
Art History Period/Area Course (300 level)	3
General Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>

**Spring**

Social Science or Natural Science WR Elective (300 level or above)	3
Social Science or Natural Science Elective	3
Humanities Elective (300 level or above)	3
Art History Elective (300 level)	3
General Elective	3
<b>Hours</b>	<b>15</b>

**Year 4**

<b>Fall</b>	
ARTH 541 Theories & Methods of Art History	3
Social Science or Natural Science Elective (300 level or above)	3
Humanities Elective (300 level or above)	3
Humanities Elective (300 level or above)	3
Art History Elective (500 level)	3
<b>Hours</b>	<b>15</b>

**Spring**

Art History Elective (500 level)	3
ARTH 550 Art History Undergraduate Capstone Seminar - CUE	3
Humanities Elective (300 level or above)	3
Humanities WR Elective (400 level or above)	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the

ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Asian Studies (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Arts in Asian Studies**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Program: Asian Studies (<http://louisville.edu/asianstudies/>)  
 Academic Plan Code(s): ASSTBA

## Program Information

Asia is the home of 60 percent of the world's population. China and Japan are the second and third largest economies in the world, and India has also experienced very rapid economic growth in the last three decades. Asia has some of the world's most ancient civilizations in the world, such as the Chinese civilization and the Indian civilization.

The Bachelor of Arts in Asian Studies program at UofL is an undergraduate-level interdisciplinary program in the College of Arts and Sciences.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	39
	Supporting Courses	29
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in Asian Studies requires a minimum 2.0 cumulative University of Louisville GPA.

The Application for Major form can be found on the Arts & Sciences Advising Center website: [louisville.edu/artsandsciences/advising/apply](http://louisville.edu/artsandsciences/advising/apply) (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )*	31

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Asian Studies Program</b>		
AST 310	Introduction to Asian Studies - SB, D2	3
<b>Art and Literature<sup>4</sup></b>		
Select one of the following:		3
ARTH 339	Architecture and Gardens in China and Japan	
AST/ARTH 290	Survey of Asian Art - AH, D2	
AST 330/ ARTH 335	Twentieth Century Chinese Artists and Architecture - AH, D2	
AST/ARTH 331	Chinese Art	
AST/CHST 351	Chinese Literature in Translation I - AH, D2	
AST/ARTH 531	Studies in Asian Art	
CHST 353	Chinese Literary Theory	
CHST 361	Western Literature in China	
HUM 369	Asian Theatre	
<b>Philosophy and Religion<sup>4</sup></b>		
Select one of the following:		3
AST 340/ HUM 341	South Asian Religious Thought and Culture - AH, D2	
AST/CHST 341	Ethnicity and Religion in China	
AST/HUM 343	East Asian Religious Thought and Culture - D2, AH	
CHST 331	Chinese Culture and Tradition	

HUM 218	Introduction to Eastern Religious Traditions - D2, AH	
HUM 342	Eastern Mysticism	
HUM 307	East Asian Cultures - D2, AH	
HUM 314	Buddhist Scriptures	
PHIL 315	Asian Philosophy - AH, D2	
<b>History<sup>4</sup></b>		
Select two of the following:		6
HIST 396	History of India	
AST/HIST 397	Traditional China	
AST/HIST 398	Modern China	
AST/HIST 399	Modern Japan	
HIST 561	U.S. and Vietnam - WR, CUE	
HIST 584	Women in East Asian History	
HIST 591	Civilizations of Ancient and Medieval India - CUE, WR	
HIST 592	Civilizations of Modern India - CUE, WR	
HIST 598	Nationalism and Modernity in East Asia	
<b>Politics<sup>4</sup></b>		
Select one of the following:		3
AST/ANTH 347	Global Capitalisms	
AST/POLS 365	The People's Republic of China - D2, WR, SB	
AST/POLS 366	Politics of East Asia - D2, SB	
AST/POLS 367	Politics and Government of Southeast Asia	
AST 598	Nationalism and Modernity in East Asia	
POLS 345	Russia and Eurasia - WR	
POLS 362	Comparative Political Economy	
<b>Popular Culture<sup>4</sup></b>		
Select one of the following:		3
M L 271	Chinese Popular Culture - AH, D2	
M L 310	Japanese Culture Through Film - AH, D2	
or JPST 310	Japanese Culture Through Film - D2, AH	
M L 312	Japanese Popular Culture - D2, AH	
or JPST 312	Japanese Popular Culture - D2, AH	
<b>Contemporary Asia<sup>4</sup></b>		
Select one of the following:		3
AST/GEOG 308	Understanding China: People, Environment and Development	
AST 314	Introduction to Japanese Society - D2, SB	
AST/GEOG 316	Geography of South Asia	
AST/ANTH 317	Anthropology of China - D2, SB	
AST 323	Doing Business in China	
AST/CHST 333	Contemporary China	
AST/CHST 335	China Through Film - D2, AH	
<b>Language Courses<sup>5</sup></b>		
Select one of the following sequences:		6
CHNS 301 & CHNS 302	Advanced Intermediate Chinese I & II	
JAPN 301 & JAPN 302	Advanced Japanese I & II	

AST 495	Senior Seminar - CUE	3
One Asian Studies Humanities elective <sup>6</sup>		3
One Asian Studies Social Science elective <sup>7</sup>		3
<b>Minimum Total Hours</b>		<b>39</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in Social Sciences, other than Asian Studies, at the 300-level or above		15
Minimum Electives <sup>8</sup>		14
<b>Minimum Total Hours</b>		<b>29</b>

Consult your Asian Studies advisor about how independent study and special topics courses (AST 491, AST 500, AST 501) count in your major.

Only 40 hours of courses designated Asian Studies may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

AST 495	Senior Seminar - CUE
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- <sup>1</sup> Completion of the intermediate level of a single foreign language.
- <sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above.
- <sup>3</sup> May be incorporated into other degree requirements.
- <sup>4</sup> AST 390, AST 391, AST 500, AST 501 and CHST 313 are special topics courses. They may be used to satisfy any area degree requirement depending on topic appropriateness with the program director's approval.
- <sup>5</sup> Other Asian languages may be substituted upon approval of the Director of the Asian Studies Program
- <sup>6</sup> Asian Studies Humanities electives include the following: AST 290/ARTH 290, AST 330/ARTH 335, AST 331/ARTH 331, ARTH 339, AST 270/CHST 270/M L 270, AST 323/CHST 323, CHST 313, CHST 331, AST 333/CHST 333, AST 335/CHST 335, AST 341/CHST 341, AST 351/CHST 351, CHST 353, CHST 361, HUM 218, HUM 307, AST 340/HUM 341, HUM 342, AST 343/HUM 343, HUM 369, AST 531/ARTH 531, M L 310, M L 313 (when topic is appropriate and approved by the program director).
- <sup>7</sup> Asian Studies Social Science electives include the following: AST 317/ANTH 317, AST 347/ANTH 347, AST 308/GEOG 308, AST 316/GEOG 316, AST 397/HIST 397, AST 398/HIST 398, AST 399/HIST 399, AST 365/POLS 365, AST 366/POLS 366, AST 367/POLS 367, HIST 396, HIST 561, HIST 584, HIST 591, HIST 592, HIST 598, POLS 345, POLS 362.
- <sup>8</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
CHNS 101 or JAPN 101	Elementary Chinese I or Basic Japanese I	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
CHNS 102 or JAPN 102	Elementary Chinese II or Basic Japanese II	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
CHNS 201 or JAPN 201	Intermediate Chinese I or Intermediate Japanese I	3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Humanities or Natural Science Elective		3
CHNS 202 or JAPN 202	Intermediate Chinese II or Intermediate Japanese II	3
AST 310	Introduction to Asian Studies - SB, D2	3
Asian Studies Area Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Humanities or Natural Science WR Elective (300 level or above)		3
Social Science Elective (not Asian Studies) (300 level or above)		3
Asian Studies Area Elective		3
Asian Studies Area Elective		3
CHNS 301 or JAPN 301	Advanced Intermediate Chinese I or Advanced Japanese I	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Humanities or Natural Science Elective (300 level or above)		3
Social Science WR Elective (not Natural Science) (300 level or above)		3
Asian Studies Area Elective		3
Asian Studies Area Elective		3
CHNS 302 or JAPN 302	Advanced Intermediate Chinese II or Advanced Japanese II	3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Social Science Elective (not Asian Studies) (300 level or above)		3
Asian Studies Area Elective		3
Asian Studies Area Elective		3
Asian Studies Humanities Elective		3

AST 495	Senior Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Social Science Elective (not Asian Studies) (300 level or above)		3
Social Science Elective (not Asian Studies) (300 level or above)		3
Asian Studies Social Science Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Atmospheric Science (BS)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Atmospheric Science

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)  
Department: Physics (<http://louisville.edu/atmosphericsscience/>) and Astronomy (<http://louisville.edu/atmosphericsscience/>)  
Academic Plan Code(s): See Track Requirements tab

*The Bachelor of Science Program in Atmospheric Science is not currently accepting applications for admission. Interested students should refer to the Applied Geography track in Meteorology (p. 230) and the Physics track in Atmospheric Physics (p. 408) for alternative programs of study.*

## Program Information

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

### Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31

College/School Requirements	13-15
Program/Major Requirements <sup>1</sup>	40
Supporting Courses	35-37
<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

The entry-level requirement for the BS in Atmospheric Science is 24 on ACT Math or 550 on SAT Math or a C in Calculus II (MATH 206).

The application for major form can be found on the Arts & Sciences Advising Center website (<https://louisville.edu/artsandsciences/advising/apply/>).

*The Bachelor of Science Program in Atmospheric Science is not currently accepting applications for Admission.*

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>		31

The following courses are required by the program and can satisfy the respective General Education Requirement:

PHYS 298	Introductory Mechanics, Heat and Sound - S
PHYS 295	Introductory Laboratories I - SL
MATH 205	Calculus I - QR

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language <sup>1</sup>		6-8
Electives in Humanities or Social Sciences at 300-level or above, in addition to Courses counted toward General Education WR—two approved courses at the 300 level or above <sup>2</sup>		6
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Physics</b>		
<i>Physics Core</i>		
PHYS 295	Introductory Laboratories I - SL	1
PHYS 296	Introductory Laboratories II - SL	1

PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 300	Introductory Modern Physics	3
<i>Atmospheric Science Core</i>		
PHYS/GEOS 220	Introduction to Weather and Climate - S	3
PHYS 360	Introduction to Weather Analysis	3
PHYS 361	Atmospheric Thermodynamics	3
PHYS 362	Physical Meteorology	3
PHYS 365	Mesoscale Meteorology	3
PHYS 465	Dynamic Meteorology I	3
PHYS 466	Dynamic Meteorology II	3
GEOG 355	Introduction to Remote Sensing	3
PHYS 469		3
<b>Minimum Total Hours</b>		<b>40</b>

Code	Title	Hours
<b>Supporting Courses</b>		
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
PHYS 350	Differential Equations for the Physical Sciences	4
A minimum of 9 hours from the following Related Electives:		
CEE 470	Surface Water Hydrology	
CHEM 341	Organic Chemistry I	
CHEM 441	Elements of Physical Chemistry	
GEOS 363	Climate Science	
GEOS 564	Hydrology	
MATH 560	Statistical Data Analysis - WR	
PHYS 355	Optics	
PHYS 356	Optics Laboratory	
PHYS 530	Thermal Physics	
PHYS 541	Electromagnetic Fields	
PHYS 545	Advanced Optics	
PHYS 546	Advanced Optics Lab	
Minimum Electives <sup>3</sup>		10-12
<b>Minimum Total Hours</b>		<b>35-37</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
PHYS 469		

- <sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken.
- <sup>2</sup> May be incorporated into other degree requirements.
- <sup>3</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Track in Atmospheric Physics

Academic Plan Code(s): PHYSBS\_ATM

Code	Title	Hours
PHYS 363	Atmospheric Physics	3
PHYS 464	Atmospheric Dynamics	3
Select one of the following:		
PHYS 517	Physics of Climate	
	or PHYS 518 Space Weather	
<b>Minimum Total Hours</b>		<b>9</b>

## Track in Professional

Academic Plan Code(s): PHYSBS

Code	Title	Hours
PHYS 542	Electromagnetic Radiation	3
PHYS 556	Quantum Theory of Matter	3
PHYS 498	Undergraduate Research	3
<b>Minimum Total Hours</b>		<b>9</b>

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	or Arts & Sciences First Year Experience	
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
Foreign Language 1		3-4
GEOS 220	Introduction to Weather and Climate - S	3
or PHYS 220	or Introduction to Weather and Climate - S	
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 206	Calculus II	4
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
MATH 301	Calculus III	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL	1
PHYS 360	Introduction to Weather Analysis	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHYS 361	Atmospheric Thermodynamics	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Related Elective		3
<b>Hours</b>		<b>15</b>

**Year 3**

Fall		
PHYS 362	Physical Meteorology	3
PHYS 350	Differential Equations for the Physical Sciences	4
PHYS 465	Dynamic Meteorology I	3
Related Elective		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>16</b>

Spring		
PHYS 365	Mesoscale Meteorology	3
PHYS 466	Dynamic Meteorology II	3
Related Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

**Year 4**

Fall		
GEOG 355	Introduction to Remote Sensing	3
PHYS 300	Introductory Modern Physics	3
Humanities or Social Science Elective (300 level or above)		3
WR Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

Spring		
PHYS 469		
Humanities or Social Science Elective (300 level or above)		3
WR Elective (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>12</b>

**Minimum Total Hours** 118-120

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
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4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Bioengineering (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Bioengineering**

Unit: Speed School of Engineering (<http://engineering.louisville.edu/>) (SS)  
 Department: Bioengineering (<https://engineering.louisville.edu/bioengineering/>)  
 Academic Plan Code(s): BE\_ \_BBE

### Program Information

Bioengineering is a relatively new engineering discipline when compared to the long-standing traditions of other fields of engineering. A bioengineer uses traditional engineering skills and tools to analyze and solve problems in biology and medicine. Bioengineers interact with biologists, biochemists, physicians, physiologists, and therapists to design, develop and manufacture instruments, devices, and software, or to develop new procedures to solve clinical problems.

The Bachelor of Science in Bioengineering degree is designed to provide students with a rigorous education grounded in basic mathematics and sciences traditional to all engineering programs, but focuses additionally on chemistry, biology and physiology, and the opportunity to gain practical experience within the biomedical or bioengineering industry. In the early part of their academic program, students are exposed to fundamentals of engineering and design in mechanical and electrical engineering before proceeding to core Bioengineering classes.

The Bachelor of Science in Bioengineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>). The Master of Engineering in Bioengineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>).

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
(19 hours of General Education requirements may be satisfied through coursework required by the degree program)		
	College/School Requirements <sup>1</sup>	35
	Program/Major Requirements	53

Supporting Courses	28
<b>Minimum Total Hours</b>	<b>128</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
COMM 111	Introduction to Public Speaking - OC	
	or COMM 112 Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC	
ENGL 102	Intermediate College Writing - WC	
ENGR 101	Engineering Analysis I - QR	
PHYS 298	Introductory Mechanics, Heat and Sound - S	

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
<b>Speed School Core <sup>1</sup></b>		
CHEM 201	General Chemistry I - S <sup>1</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>1</sup>	1
Select one of the following: <sup>1</sup>		
COMM 111	Introduction to Public Speaking - OC	
COMM 112	Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC <sup>1,2</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>1,2</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>1</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>1</sup>	4
<b>Minimum Total Hours</b>		<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Bioengineering Department <sup>3,4</sup></b>		
BE 101	Introduction to Bioengineering	1
BE 288	Bioengineering Co-op Education Seminar	0
BE 289	Bioengineering Co-op Education I	1
BE 310	Biotransport Phenomena	3
BE 322	Circuits and Devices for Bioengineers	3
BE 340	Computational Methodologies in Bioengineering	3
BE 354	Anatomy and Physiology	3
BE 359	Cell and Molecular Biology for Bioengineers	3
BE 360	Biomechanics Principles	3
BE 389	Bioengineering Co-op Education II	1
BE 420	Biosystems & Signals	3
BE 423	Bioengineering Measurements Laboratory	2
BE 430	Biosystems Controls	3
BE 450	Biomaterials & Biocompatibility	3
BE 489	Bioengineering Co-op Education III	1
BE 491	Economics, Ethics & FDA Regulations	3
BE 497	Bioengineering Design Project - CUE	3
Bioengineering Electives (select 9 credit hours from the following): <sup>4</sup>		9
BE 453	Introduction to Molecular Bioengineering	
BE 460	Biomechanics of Tissues and Organs	
BE 480	Biomedical Device Design	
BE 500	Special Topics in Bioengineering	
BE 522	Biomedical Acoustics	
BE 524	LabVIEW for Bioengineers	
BE 530	Machine Learning in Python	
BE 540	Machine Learning in Medicine	
BE 542	Medical Image Computing	
BE 551	Gene and Drug Delivery	
BE 552	Introduction to Tissue Engineering	
BE 553	Nanoscale Bioengineering: Application and Methodology of Nanobiomaterials in Bioengineering	
BE 581	Advanced Computer-Aided Design and Manufacturing for Bioengineers	
BE 593	Independent Study in Bioengineering	
BIOC 545	Biochemistry I	
BIOC 547	Advanced Biochemistry II	
BIOC 645	Advanced Biochemistry I	
BIOC 647	Advanced Biochemistry II	
CHEM 545	Biochemistry I	
CHEM 547	Biochemistry II	
CHEM 645	Advanced Biochemistry I	
CHEM 647	Advanced Biochemistry II	
IE 430	Quality Control	
ME 422	Machine Design I	
<b>Bioengineering Core</b>		
CHEM 202	General Chemistry II - S	3
CHEM 208	Introduction to Chemical Analysis II - SL	1

CHEM 209	Introduction to Chemical Analysis III	1
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**Minimum Total Hours 53**

Code	Title	Hours
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**Supporting Courses**

BIOL 240	Unity of Life - S	3
CEE 205	Mechanics I: Statics	3
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
IE 360	Probability and Statistics for Engineers	3
ME 206	Mechanics II: Dynamics	3
ME 251	Thermodynamics I	3
PHYS 295	Introductory Laboratories I - SL	1
PHYS 299	Introductory Electricity, Magnetism and Light	4
ENGR 151	Engineering Graphics Technology	1
ENGR 330	Linear Algebra for Engineering	2

**Minimum Total Hours 28**

Candidates for the Bachelor of Science degree must be in Good Standing (university GPA  $\geq$  2.25) and must attain a grade point average of at least 2.25 for all courses used to satisfy degree requirements.

Code	Title	Hours
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**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:

BE 497	Bioengineering Design Project - CUE
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- This course is a General Education requirement for the program; see [louisville.edu/provost/ger/](http://www.louisville.edu/provost/ger/) (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements. Note that the 12-hour total for the AH/D1/D2/SB/SBH electives assumes the use of double counting of D1/D2 with another category.
- Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.
- A student is allowed to accumulate no more than two D+ or lower grades in BE prefixed courses (including BE approved elective courses) to graduate with a baccalaureate degree. If a student accumulates any D+ or lower grade, it is strongly recommended that the course be repeated to earn a better grade before proceeding to the next course in the sequence. If a student accumulates a third D+ or lower grade, the student is required to repeat the course to earn a better grade.
- A maximum of one non-BE course can be taken as an elective. Students must meet all course prerequisites. The courses chosen to fulfill this elective requirement cannot be used to satisfy any other program or degree requirements.

## Flight Plan

Course	Title	Hours
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**Year 1**

**Fall**

CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1

CHEM 208	Introduction to Chemical Analysis II - SL	1
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ENGL 101	Introduction to College Writing - WC	3
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ENGR 101	Engineering Analysis I - QR	4
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ENGR 110	Engineering Methods, Tools, and Practice I	2
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General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1

**Hours 17**

**Spring**

BE 101	Introduction to Bioengineering	1
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CHEM 202	General Chemistry II - S	3
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CHEM 209	Introduction to Chemical Analysis III	1
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ENGL 102	Intermediate College Writing - WC	3
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ENGR 102	Engineering Analysis II	4
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ENGR 111	Engineering Methods, Tools and Practice II	2
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PHYS 298	Introductory Mechanics, Heat and Sound - S	4
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**Hours 18**

**Summer**

CEE 205	Mechanics I: Statics	3
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ENGR 151	Engineering Graphics Technology	1
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ENGR 201	Engineering Analysis III	4
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PHYS 295	Introductory Laboratories I - SL	1
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General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH

**Hours 12**

**Year 2**

**Fall**

BIOL 240	Unity of Life - S	3
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CHEM 341	Organic Chemistry I	3
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ENGR 205	Differential Equations for Engineering	2
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ME 206	Mechanics II: Dynamics	3
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ME 251	Thermodynamics I	3
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PHYS 299	Introductory Electricity, Magnetism and Light	4
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**Hours 18**

**Spring**

BE 288	Bioengineering Co-op Education Seminar	0
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BE 310	Biotransport Phenomena	3
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BE 354	Anatomy and Physiology	3
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BE 359	Cell and Molecular Biology for Bioengineers	3
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BE 360	Biomechanics Principles	3
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General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH

**Hours 15**

**Summer**

BE 322	Circuits and Devices for Bioengineers	3
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BE 340	Computational Methodologies in Bioengineering	3
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BE 450	Biomaterials & Biocompatibility	3
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Select one of the following:

COMM 111	Introduction to Public Speaking - OC	3
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COMM 112	Business and Professional Speaking - OC	3
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**Hours 12**

**Year 3**

**Fall**

BE 289	Bioengineering Co-op Education I	1
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**Hours 1**

**Spring**

BE 420	Biosystems & Signals	3
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BE 423	Bioengineering Measurements Laboratory	2
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Bioengineering Elective I

CHEM 343	Organic Chemistry Laboratory I	2
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ENGR 330	Linear Algebra for Engineering	2
IE 360	Probability and Statistics for Engineers	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>18</b>
<b>Summer</b>		
BE 389	Bioengineering Co-op Education II	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
BE 430	Biosystems Controls	3
BE 491	Economics, Ethics & FDA Regulations	3
BE 497	Bioengineering Design Project - CUE	3
Bioengineering Elective II		3
Bioengineering Elective III		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BE 489	Bioengineering Co-op Education III	1
<b>Hours</b>		<b>1</b>
<b>Minimum Total Hours</b>		<b>128</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Bioengineering (BE BBE) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Biology (BA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Biology

Unit: College of Arts and Sciences (<https://louisville.edu/artsandsciences/intro/>) (AS)  
Department: Biology (<http://louisville.edu/biology/>)  
Academic Plan Code(s): BIOLBA

## Program Information

There are two undergraduate degree programs offered in the Biology Department, a Bachelor of Arts in Biology and a Bachelor of Science in Biology.

The BA degree is a more general degree than the BS. It is a liberal arts degree designed for those students who desire a broad education in a variety of disciplines. This degree requires more foreign language and social science and/or humanities courses than the BS degree. It is a good degree for students interested in taking a diversity of courses outside the sciences. This degree is also suitable for someone planning to be a teacher. A student planning on applying to professional schools can do so with this degree, as long as the student takes all the prerequisites for admission to the desired program.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		22
Program/Major Requirements <sup>1</sup>		37
Supporting Courses		31
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

### Accelerated BA-BS/MS in Biology

Biology majors who are considering pursuing a non-thesis master's degree (MS) in Biology can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MS program take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

### Early Start Program (Jointly with the College of Education and Human Development)

The Master of Arts in Teaching program in conjunction with the undergraduate programs in Chemistry, Biology, and Mathematics offers a comprehensive and professionally-focused program leading to an additional degree of MAT Middle or Secondary Education. This early start program enables superior students to receive two degrees within five years. A total of 148 credits are required for the dual degrees: 121 credits of coursework devoted toward the baccalaureate degree and 36 credits toward the MAT, with nine hours double-counted. This program will be available for students who are entering their junior year. They may take graduate level courses in the College of Education and Human Development (CEHD) in their 4th year of study.

The current qualifications for the joint degree program have been agreed upon by discipline faculty from the Colleges of Arts and Sciences and Education and Human Development. The criteria vary by discipline. Students enrolling in the accelerated program will be non-thesis students and must adhere to all policies pertaining to Graduate Students. All interested students must submit an application to the College of Education and Human Development (CEHD) MAT program and meet the admission criteria.

### Departmental Admission Requirements

Admission to the BA in Biology requires completion of BIOL 240, BIOL 241, BIOL 242, and BIOL 243 with a grade of C or better; completion of MATH 111 with a grade of C or better OR placement into a mathematics course above the level of MATH 111 on the basis of either the University of Louisville mathematics placement examination or ACT/SAT score; and a minimum overall grade point average of 2.0.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

### General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

BIOL 240	Unity of Life - S
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	or BIOL 242 Diversity of Life - S
BIOL 241	Experimental Biology I: Molecules and Cells - SL
	or BIOL 243 Experimental Biology II: Organismal Biology - SL
CHEM 201	General Chemistry I - S
	or CHEM 202 General Chemistry II - S
MATH 180	Elements of Calculus - QR
	or MATH 205 Calculus I - QR

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

### College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101 Arts & Sciences First Year Experience	
	Foreign Language <sup>2</sup>	12
	Electives in Humanities or Social Sciences <sup>3</sup>	9
	WR—two approved courses at the 300 level or above <sup>4</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

### Program/Major Requirements

Code	Title	Hours
<b>Department of Biology</b>		
BIOL 240	Unity of Life - S	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
BIOL 242	Diversity of Life - S	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
BIOL 329	Cellular and Molecular Biology	3
BIOL 330	Genetics and Molecular Biology	5
& BIOL 331	Genetics and Molecular Biology: Laboratory	
BIOL 363	Principles of Ecology	3
BIOL 409	Evolutionary Biology - CUE	3
	Biology Electives <sup>5</sup>	15
<b>Minimum Total Hours</b>		<b>37</b>

Code	Title	Hours
<b>Supporting Courses</b>		
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3
CHEM 343	Organic Chemistry Laboratory I	2
CHEM 344	Organic Chemistry Laboratory II	2
MATH 180	Elements of Calculus - QR	3-4
	or MATH 205 Calculus I - QR	
BIOL 350	Biostatistics	3

Minimum Electives <sup>6</sup>	5-6
<b>Minimum Total Hours</b>	<b>31</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
BIOL 405	Undergraduate Research - CUE	
BIOL 406	Undergraduate Research (WR) - CUE, WR	
BIOL 409	Evolutionary Biology - CUE	
BIOL 415	Biology of the Cell - CUE, WR	
BIOL 430	Undergraduate Teaching Assistant - CUE	
BIOL 443	Developmental Biology - CUE	
BIOL 485	Microbial Physiology - CUE, WR	
BIOL 490	Biology Internship - CUE	
BIOL 511	Behavioral Endocrinology - CUE, WR	
BIOL 541	Medicinal Plant Biochemistry - CUE, WR	
BIOL 548	Experimental Design and Analysis - CUE, WR	

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

<sup>2</sup> Completion of the intermediate level of a single foreign language

<sup>3</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above

<sup>4</sup> May be incorporated into other degree requirements

<sup>5</sup> BIOL 102, BIOL 104, BIOL 257, BIOL 258, BIOL 260, BIOL 261, BIOL 262 and BIOL 263 may not count toward electives in the major. A maximum of 6 hours of undergraduate research or independent study may count toward the major. Students should take all BIOL electives at the 300 level or above.

<sup>6</sup> At least 5 hours should be at the 300-level or higher. Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
BIOL 240	Unity of Life - S	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
MATH 180 or MATH 205	Elements of Calculus - QR or Calculus I - QR	3-4
Foreign Language 1		4
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
BIOL 242	Diversity of Life - S	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1

CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 2		4
<b>Hours</b>		<b>16</b>

<b>Year 2</b>		
<b>Fall</b>		
BIOL 329	Cellular and Molecular Biology	3
Foreign Language 3		4
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 3</b>		
<b>Fall</b>		
BIOL 363	Principles of Ecology	3
Biology Elective (300 level or above)		3-4
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>14-15</b>

<b>Spring</b>		
BIOL 350	Biostatistics	3
BIOL 409	Evolutionary Biology - CUE	3
Biology Elective (300 level or above)		3-4
CHEM 342	Organic Chemistry II	3
CHEM 344	Organic Chemistry Laboratory II	2
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>17-18</b>

<b>Year 4</b>		
<b>Fall</b>		
Biology Elective - CUE		3-4
Biology Elective (300 level or above)		3-4
Humanities or Social Science WR course (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15-17</b>

<b>Spring</b>		
Biology Elective (300 level or above)		3-4
Humanities or Social Science WR Course (300 level or above)		3
Humanities or Social Science Course (300 level or above)		3
General Elective (300 level or above)		3
General Elective (300 level or above)		1-3
<b>Hours</b>		<b>13-16</b>

<b>Minimum Total Hours</b>	<b>121-129</b>
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## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Biology (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Biology**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Departmental Website: Biology (<http://www.louisville.edu/a-s/biology/>)  
 Academic Plan Codes: See Track Requirements tab.

## Program Information

There are two undergraduate degree programs offered in the Biology Department, a Bachelor of Arts (BA) in Biology and a Bachelor of Science (BS) in Biology.

Bachelor of Science degrees are designed so that students get a particularly strong background in their area of interest in biology, cell/physiology, or ecology, but still have some flexibility to take courses of interest. Compared to the BA degree, the BS degree requires more science, both in biology and in another field (physics or geosciences), a specific calculus course, and one less course in a foreign language.

Each of the tracks in the BS degree also requires courses specific to the field of interest. BS degrees are valuable for students wanting to find employment in a biological field without further formal education, for students planning to attend graduate or professional school, and for students who hope to become teachers.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, email the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
(10 hours of General Education requirements may be satisfied through coursework required by the degree program)		
	College/School Requirements	13-15
	Program/Major Requirements <sup>1</sup>	22
	Supporting Courses <sup>1</sup>	25
	Track Requirements	38-40
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some courses required in this degree program may satisfy multiple requirements. To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

### Accelerated BA-BS/MS in Biology

Biology majors who are considering pursuing a non-thesis master's degree (MS) in Biology can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MS program take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

### Early Start Program (with the College of Education and Human Development)

The Master of Arts in Teaching program in conjunction with the undergraduate programs in Chemistry, Biology, and Mathematics offers a comprehensive and professionally-focused program leading to an additional degree of MAT Middle or Secondary Education. This early start program enables superior students to receive two degrees within five years. A total of 148 credits are required for the dual degrees: 121 credits of coursework devoted toward the baccalaureate degree and 36 credits toward the MAT, with nine hours double-counted. This program will be available for students who are entering their junior year. They may take graduate level courses in the College of Education and Human Development (CEHD) in their 4th year of study.

The current qualifications for the joint degree program have been agreed upon by discipline faculty from the Colleges of Arts and Sciences and Education and Human Development. The criteria vary by discipline. Students enrolling in the accelerated program will be non-thesis students and must adhere to all policies pertaining to Graduate Students. All interested students must submit an application to the College of Education and Human Development (CEHD) MAT program and meet the admission criteria.

## Departmental Admission Requirements

Admission to the Bachelor of Science in Biology requires the following:

- Completion of BIOL 240, BIOL 241, BIOL 242, and BIOL 243 with a grade of C or better.
- Completion of MATH 111 with a grade of C or better OR placement into a mathematics course above the level of MATH 111 on the basis of either the University of Louisville mathematics placement examination or ACT/SAT score.
- A minimum overall grade point average (GPA) of 2.0.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) *		31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
BIOL 240	Unity of Life - S	
	or BIOL 242 Diversity of Life - S	
BIOL 241	Experimental Biology I: Molecules and Cells - SL	
	or BIOL 243 Experimental Biology II: Organismal Biology - SL	
MATH 205	Calculus I - QR	
CHEM 201	General Chemistry I - S	

\*All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. If additional hours taken within the program also satisfy General Education requirements, students may need to take additional electives to satisfy the minimum hours required for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101 Arts & Sciences First Year Experience	
Foreign Language <sup>1</sup>		6-8
Electives in Humanities or Social Sciences at the 300-level or above <sup>2</sup>		6
WR - two approved courses at the 300 level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Biology <sup>4</sup></b>		
BIOL 240	Unity of Life - S <sup>5</sup>	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
BIOL 242	Diversity of Life - S <sup>5</sup>	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
BIOL 329	Cellular and Molecular Biology	3

BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
BIOL 363	Principles of Ecology	3
BIOL 409	Evolutionary Biology - CUE	3

**Minimum Total Hours 22**

Code	Title	Hours
<b>Supporting Courses</b>		
MATH 205	Calculus I - QR <sup>5</sup>	4
BIOL 350	Biostatistics	3
CHEM 201	General Chemistry I - S <sup>5</sup>	3
CHEM 202	General Chemistry II - S <sup>5</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL	2
& CHEM 208	Introduction to Chemical Analysis II - SL	
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 341	Organic Chemistry I	5
& CHEM 343	Organic Chemistry Laboratory I	
PHYS 221	Fundamentals of Physics I - S	4
& PHYS 223	Fundamentals of Physics Lab I - SL	

**Minimum Total Hours 25**

Code	Title	Hours
<b>Track Requirements (see Track Requirements tab)</b>		<b>38-40</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
BIOL 405	Undergraduate Research - CUE <sup>6</sup>	
BIOL 406	Undergraduate Research (WR) - CUE, WR <sup>6</sup>	
BIOL 409	Evolutionary Biology - CUE	
BIOL 415	Biology of the Cell - CUE, WR	
BIOL 430	Undergraduate Teaching Assistant - CUE	
BIOL 440	Global Change Ecology - CUE	
BIOL 443	Developmental Biology - CUE	
BIOL 485	Microbial Physiology - CUE, WR	
BIOL 490	Biology Internship - CUE	
BIOL 511	Behavioral Endocrinology - CUE, WR	
BIOL 541	Medicinal Plant Biochemistry - CUE, WR	
BIOL 548	Experimental Design and Analysis - CUE, WR	

- <sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on language taken
- <sup>2</sup> In addition to courses counted toward General Education
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Note: BIOL 102, BIOL 104, BIOL 257, BIOL 258, BIOL 260, BIOL 261, BIOL 262 and BIOL 263 do not count toward electives in the major.
- <sup>5</sup> Fulfills General Education requirement.
- <sup>6</sup> A maximum of 6 hours of undergraduate research or independent study may count toward the major.

## BS in Biology Tracks

### Track in Molecular, Cellular, and Developmental Biology

Academic Plan Code(s): BIOLBS\_MCD

Code	Title	Hours
<b>Supporting Courses</b>		
CHEM 342 & CHEM 344	Organic Chemistry II Organic Chemistry Laboratory II	5
PHYS 222 & PHYS 224	Fundamentals of Physics II - S Fundamentals of Physics Laboratory II - SL	4
<b>Molecular, Cellular, and Developmental Biology Track Core Courses</b>		
BIOL 457	Microbiology	3
BIOL 443	Developmental Biology - CUE	3
BIOL 465	Principles of Physiology	3
BIOL 540	Metabolic Biochemistry	3
<b>Molecular, Cellular, and Developmental Biology Laboratory Experience</b>		<b>1-4</b>
Select one of the following:		
BIOL 458	Microbiology Laboratory	
BIOL 404	Undergraduate Research	
	or BIOL 405 Undergraduate Research - CUE	
	or BIOL 406 Undergraduate Research (WR) - CUE, WR	
BIOL 416	Biotechnology Methods - WR	
BIOL 541	Medicinal Plant Biochemistry - CUE, WR	
BIOL 548	Experimental Design and Analysis - CUE, WR	
<b>Molecular, Cellular, and Developmental Biology Track Electives</b>		<b>9-10</b>
Select at least three courses from the following:		
BIOL 347	Comparative Vertebrate Anatomy	
BIOL 359	Microbial Genetics and Pathogenesis - WR	
BIOL 415	Biology of the Cell - CUE, WR	
BIOL 435	Chemical Ecology - WR	
BIOL 480	Introduction to Immunology - WR	
BIOL 485	Microbial Physiology - CUE, WR	
BIOL 511	Behavioral Endocrinology - CUE, WR	
BIOL 512	Endocrinology	
BIOL 515	Environmental Physiology	
BIOL 542	Gene Structure and Function - WR	
BIOL 552	Evolutionary Medicine	
BIOL 553	Chronic Disease Biology	
<b>Biology Electives (300 level or higher)</b>		<b>5-7</b>
<b>Minimum Total Hours</b>		<b>38-40</b>

### Track in Ecology

Academic Plan Code(s): BIOLBS\_ECO

Code	Title	Hours
<b>Supporting Courses</b>		
<b>Select two of the following courses:</b>		<b>5-6</b>
GEOS 301	Geology for Scientists and Engineers	
GEOG 355	Introduction to Remote Sensing	
GEOS 363	Climate Science	
GEOS 365	Biogeography	

GEOS 367	Geomorphology	
GEOG 558	Introduction to Geographic Information Systems	
SUST 518	Urban Demography and GIS	
<b>Select one of the following two sequences:</b>		<b>4-5</b>
PHYS 222 & PHYS 224	Fundamentals of Physics II - S Fundamentals of Physics Laboratory II - SL	
CHEM 342 & CHEM 344	Organic Chemistry II Organic Chemistry Laboratory II	
<b>Ecology Track Core Courses</b>		
BIOL 401	Advanced Ecology	3
BIOL 563	Population and Community Ecology	3
<b>Ecology Track Electives</b>		
Select at least one course from each of the following three categories		
<b>Plant Ecology</b>		<b>3</b>
BIOL 300	Plant Biology - WR	
BIOL 304	Plant Taxonomy & Ecology - WR	
BIOL 435	Chemical Ecology - WR	
<b>Animal Ecology</b>		<b>3</b>
BIOL 308	Vertebrate Zoology	
BIOL 310	Animal Behavior	
BIOL 347	Comparative Vertebrate Anatomy	
BIOL 382	Entomology	
BIOL 510	Behavioral Ecology	
BIOL 514	Ornithology	
BIOL 515	Environmental Physiology	
BIOL 571	Selected Topics (Invertebrate Zoology)	
<b>Community Ecology</b>		<b>3</b>
BIOL 372	Evolutionary Ecology of Disease	
BIOL 440	Global Change Ecology - CUE	
BIOL 560	Ecology of Urban and Suburban Landscapes	
BIOL 562	Ecosystems Ecology	
BIOL 567	Conservation Biology	
Select one additional courses from any of the three categories above		3
Biology electives at the 300 level or above		11
<b>Minimum Total Hours</b>		<b>38-40</b>

## Flight Plan

### Track in Molecular, Cellular, and Developmental Biology

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
BIOL 240	Unity of Life - S <sup>1</sup>	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
CHEM 201 & CHEM 207 & CHEM 208	General Chemistry I - S Introduction to Chemical Analysis I - SL Introduction to Chemical Analysis II - SL	5
Foreign Language 1 <sup>2</sup>		3-4
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
BIOL 242	Diversity of Life - S <sup>1</sup>	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1

CHEM 202 & CHEM 209	General Chemistry II - S Introduction to Chemical Analysis III	4
MATH 205	Calculus I - QR	4
Foreign Language 2 <sup>2</sup>		3-4
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 329	Cellular and Molecular Biology	3
CHEM 341 & CHEM 343	Organic Chemistry I Organic Chemistry Laboratory I	5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC <sup>1</sup>		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
CHEM 342 & CHEM 344	Organic Chemistry II Organic Chemistry Laboratory II	5
PHYS 221 & PHYS 223	Fundamentals of Physics I - S Fundamentals of Physics Lab I - SL	4
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2 <sup>1</sup>		3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
BIOL 363	Principles of Ecology	3
BIOL 540	Metabolic Biochemistry	3
Select one of the following lab experiences: <sup>3</sup>		1-3
BIOL 458	Microbiology Laboratory	
BIOL 404	Undergraduate Research	
BIOL 405	Undergraduate Research - CUE	
BIOL 406	Undergraduate Research (WR) - CUE, WR	
BIOL 416	Biotechnology Methods - WR	
BIOL 541	Medicinal Plant Biochemistry - CUE, WR	
BIOL 548	Experimental Design and Analysis - CUE, WR	
PHYS 222	Fundamentals of Physics II - S	3
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
General Education: Cardinal Core Arts & Humanities -AH <sup>1</sup>		3
<b>Hours</b>		<b>14-16</b>
<b>Spring</b>		
BIOL 465	Principles of Physiology	3
BIOL 350	Biostatistics	3
Biology MCD elective 1 (choose one)		3-4
BIOL 347	Comparative Vertebrate Anatomy	
BIOL 359	Microbial Genetics and Pathogenesis - WR	
BIOL 415	Biology of the Cell - CUE, WR	
BIOL 435	Chemical Ecology - WR	
BIOL 480	Introduction to Immunology - WR	
BIOL 485	Microbial Physiology - CUE, WR	
BIOL 511	Behavioral Endocrinology - CUE, WR	
BIOL 512	Endocrinology	
BIOL 515	Environmental Physiology	
BIOL 542	Gene Structure and Function - WR	
BIOL 552	Evolutionary Medicine	
BIOL 553	Chronic Disease Biology	
Biology elective		3-4
Humanities/Social Science/Biology WR course (300 level or above) <sup>4</sup>		3
<b>Hours</b>		<b>15-17</b>
<b>Year 4</b>		
<b>Fall</b>		
BIOL 409	Evolutionary Biology - CUE	3
BIOL 457	Microbiology	3
Biology MCD elective 2 (choose one)		3-4

BIOL 347	Comparative Vertebrate Anatomy	
BIOL 359	Microbial Genetics and Pathogenesis - WR	
BIOL 415	Biology of the Cell - CUE, WR	
BIOL 435	Chemical Ecology - WR	
BIOL 480	Introduction to Immunology - WR	
BIOL 485	Microbial Physiology - CUE, WR	
BIOL 511	Behavioral Endocrinology - CUE, WR	
BIOL 512	Endocrinology	
BIOL 515	Environmental Physiology	
BIOL 542	Gene Structure and Function - WR	
BIOL 552	Evolutionary Medicine	
BIOL 553	Chronic Disease Biology	
Humanities/Social Science/Biology Elective (300 level or above)		3
General Education: Cardinal Core Historical Perspective - SBH <sup>1</sup>		3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
BIOL 443	Developmental Biology - CUE	3
Biology MCD Elective 3 (choose one)		3-4
BIOL 347	Comparative Vertebrate Anatomy	
BIOL 359	Microbial Genetics and Pathogenesis - WR	
BIOL 415	Biology of the Cell - CUE, WR	
BIOL 435	Chemical Ecology - WR	
BIOL 480	Introduction to Immunology - WR	
BIOL 485	Microbial Physiology - CUE, WR	
BIOL 511	Behavioral Endocrinology - CUE, WR	
BIOL 512	Endocrinology	
BIOL 515	Environmental Physiology	
BIOL 542	Gene Structure and Function - WR	
BIOL 552	Evolutionary Medicine	
BIOL 553	Chronic Disease Biology	
Humanities/Social Science/Biology Elective (300 level or above)		3-4
Humanities/Social Science/Biology WR Course (300 level or above) <sup>4</sup>		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1 <sup>1</sup>		3
<b>Hours</b>		<b>15-17</b>
<b>Minimum Total Hours</b>		<b>121-130</b>

- 1 Fulfills the requirement for one of two required Gen Ed courses. However, only one Gen Ed course from each program will be counted towards your degree.
- 2 Students with high school language experience or multilingual backgrounds should consult the Classical and Modern Languages department for information on partially or completely satisfying the language requirements through testing.
- 3 This is a good time to think about performing undergraduate research. Look at faculty websites here and at the HSC, then email faculty whose research you find interesting. See if they have openings.
- 4 Biology WR courses that fit well in this track include: BIOL 359, BIOL 415, BIOL 416, BIOL 480, BIOL 485, BIOL 511, BIOL 541, and BIOL 542 but note that only some of these are offered in a given semester. BIOL 406 (undergraduate research) would be appropriate if you plan to do an honors project, and is also a good source of writing credit. You MUST have mentor approval.

## Track in Ecology

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
BIOL 240	Unity of Life - S <sup>1</sup>	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
CHEM 201 & CHEM 207 & CHEM 208	General Chemistry I - S Introduction to Chemical Analysis I - SL Introduction to Chemical Analysis II - SL <sup>1</sup>	5
Foreign Language 1 <sup>2</sup>		3-4
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
BIOL 242	Diversity of Life - S <sup>1</sup>	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
CHEM 202 & CHEM 209	General Chemistry II - S Introduction to Chemical Analysis III	4
Foreign Language 2 <sup>2</sup>		3-4
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14-15</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 329	Cellular and Molecular Biology	3
PHYS 221 & PHYS 223	Fundamentals of Physics I - S Fundamentals of Physics Lab I - SL <sup>1</sup>	4
MATH 205	Calculus I - QR	4
General Education: Cardinal Core Oral Communication - OC <sup>1</sup>		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1 <sup>1</sup>		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
CHEM 341 & CHEM 343	Organic Chemistry I Organic Chemistry Laboratory I	5
Choose one of the following		3
GEOS 301	Geology for Scientists and Engineers	
GEOS 367	Geomorphology	
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2 <sup>1</sup>		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
BIOL 363	Principles of Ecology	3
BIOL 350	Biostatistics	3
Biology Ecology elective 1 <sup>3</sup>		3-4
Choose one of the following		4-5
PHYS 222 & PHYS 224	Fundamentals of Physics II - S Fundamentals of Physics Laboratory II - SL <sup>1</sup>	
CHEM 342 & CHEM 344	Organic Chemistry II Organic Chemistry Laboratory II	
General Education: Cardinal Core Historical Perspective - SBH <sup>1</sup>		3
<b>Hours</b>		<b>16-18</b>
<b>Spring</b>		
BIOL 563	Population and Community Ecology	3
Biology Ecology elective 2 <sup>3</sup>		3-4
Biology elective (300 level or above) <sup>4</sup>		3
Humanities/Social Science/Biology WR Course (300 level or above) <sup>5</sup>		3
Humanities/Social Science/Biology elective (300 level or above)		3
<b>Hours</b>		<b>15-16</b>

### Year 4

<b>Fall</b>		
BIOL 401	Advanced Ecology	3
BIOL 402	Advanced Ecology Lab	2
BIOL 409	Evolutionary Biology - CUE	3
Biology Ecology elective 3 <sup>3</sup>		3
General Education: Cardinal Core Arts & Humanities - AH <sup>1</sup>		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
Biology Ecology elective 4 <sup>3</sup>		3
Biology elective		3
Biology/Geosciences Elective		3
Choose one of the following		3
GEOS 355	Introduction to Remote Sensing	
GEOS 363	Climate Science	
GEOS 365	Biogeography	
GEOS 367	Geomorphology	
GEOS 558	Introduction to Geographic Information Systems	
SUST 518	Urban Demography and GIS	
Humanities/Social Science/Biology WR Course (300 level or above) <sup>5</sup>		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>123-128</b>

<sup>1</sup> Fulfills the requirement for one of two required Gen Ed courses. However, only one Gen Ed course from each program will be counted towards your degree.

<sup>2</sup> Students with high school language experience or multilingual backgrounds should consult the Classical and Modern Languages department for information on partially or completely satisfying the language requirements through testing.

<sup>3</sup> Track-specific Electives (choose 1 from each category and at least 1 additional class from these lists, 12 h):

#### Category I: Plant Ecology

BIOL 300 WR – Plant Biology  
BIOL 304 WR – Plant Taxonomy  
BIOL 435 WR – Chemical Ecology

#### Category II: Animal Ecology

BIOL 308 – Vertebrate Zoology  
BIOL 310 – Animal Behavior  
BIOL 347 – Comp. Vertebrate Anatomy  
BIOL 382 – Entomology  
BIOL 510 – Animal Behavior  
BIOL 514 – Ornithology  
BIOL 515 – Environmental Physiology  
BIOL 571 – Invertebrate Zoology

#### Category III: Community Ecology

BIOL 372 – Evolutionary Ecology and Disease  
BIOL 440 – Global Change  
BIOL 560 – Urban Ecology  
BIOL 562 – Ecosystems Ecology  
BIOL 567 – Conservation Biology

<sup>4</sup> This is a good time to think about performing undergraduate research. Look at faculty websites here and at the HSC, then email faculty whose research you find interesting. See if they have openings.

<sup>5</sup> Biology courses often listed as WR that fit well in this track include: BIOL 304, BIOL 404, BIOL 405, BIOL 406, BIOL 415, BIOL 435, BIOL 443 but note that only some of these are offered in a given semester. BIOL 406 WR (undergraduate research) would be appropriate if you plan to do an honors project, and is also a good source of writing credit. You MUST have mentor approval.

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Bachelor of Business Administration (BBA)



This program was approved for students entering the university in the Summer 2021 –Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Business Administration**

Unit: Business (BU) (<http://www.louisville.edu/business/>)  
 Department: Management (<https://business.louisville.edu/academics-programs/undergraduate-programs/management/>)  
 Academic Plan Code(s): BA\_BBA, BA\_BBAO

## Program Information

The Bachelor of Business Administration (BBA) program will focus on providing students with a general overview of business, economics, accounting, and marketing consistent with the broader distinction between Bachelor of Arts and Bachelor of Science degrees.

This program will provide students with a generalist program that covers the essential disciplines of business administration and management: economics, marketing, accounting, finance, statistics, operations, management, leadership and computer systems. The BBA prepares students with a broad business education toward a responsible and rewarding career.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
Six (6) hours of General Education requirements may be satisfied through coursework required by the degree program		
	College/School Requirements <sup>1, 2</sup>	41
	Program/Major Requirements	21
	Supporting Courses	27
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.

<sup>2</sup> College/School Requirements total of 44 hours includes 6 hours of required courses that also cover General Education requirements.

## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the Bachelor of Business Administration.

New High School Students: ACT composite of 23; ACT Math of 21; High School GPA 2.75

Transfer Students: Cumulative GPA of 2.5 (will use only UofL if there is an established UofL GPA)

### Current Students - Admission in Good Standing

Students must:

Earned a 2.5 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission)

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
MATH 111	College Algebra - QR	

ECON 201	Principles of Microeconomics - SB
or ECON 202	Principles of Macroeconomics - SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
CAMP 100	Campus Culture/Business Students	1
MATH 111	College Algebra - QR	3
CIS 205	Information Systems in Organizations	3
BUS 201	Career Development	1
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
Select one of the following Ethics courses:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BSTA 301	Business Statistics	3
CIS 305	Data Analysis for Decision-Making	3
FIN 302: Introduction to Finance		3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
MGMT 320	Principles of Operations Management	3
CLAW 301	Legal Environment of Business	3
MGMT 443 Strategic Management (CUE)		3
<b>Minimum Total Hours</b>		<b>47</b>

Total of 41 credit hours includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 General Education hours above.

## Program/Major Requirements

Please check with the Reinhardt Academic Center for an updated list of electives. 12 hours of Business Administration electives must be taken at UofL.

Code	Title	Hours
<b>Business Administration</b>		
<b>Supporting electives</b>		
Select 21 hours from the following:		21
CIS 150	Fundamentals of Information Systems	3
CIS 310	Database Design	3
CIS 443	Analytics Programming	3
CIS 444	Data Analytics	3
CIS 445	Machine Learning	3
CIS 450	Special Topics in Data Analytics	3
ECON 301	Intermediate Microeconomics	3
ECON 302	Intermediate Macroeconomics	3

EQIN 202	Horse Industry Overview	3
EQIN 204	Equine Management	3
EQIN 302	Equine Economics	3
EQIN 304	Equine Marketing	3
EQIN 340	Leadership in Equine Business	3
ECON 431	International Trade	3
ENTR 350	Entrepreneurship	3
ENTR 401	Entrepreneurship I	3
ENTR 402	Entrepreneurship II	3
ENTR 403	Entrepreneurship III	3
FIN 201	Money Management and Personal Finance	3
FIN 330	Banking and Financial Administration	3
MGMT 305	Human Resource Management	3
MGMT 310	Minorities, Managers and the Workplace	3
MGMT 315	Collaboration: Theory and Skills	3
MGMT 321	Office Procedures and Management	3
MGMT 360	Managing the Multinational Enterprise	3
MGMT 397	Co-op in Management	3
MGMT 404	Project Management	3
MGMT 460	Images of Leadership	3
MKT 342	Social Media I	3
MKT 350	Consumer Behavior	3
MKT 360	Professional Relationship Selling	3
MKT 352	Social Media II	3
MKT 360	Professional Relationship Selling	3
MKT 370	Global Marketing	3
ECON 490	Special Topics in Economics	3
MGMT 490	Special Topics in Management	3
MKT 490	Special Topics in Marketing	3

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives (12 hours must be 300+ level)		27

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:		
MGMT 443 Strategic Management		3

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ECON 202	Principles of Macroeconomics - SB	3
ENGL 101	Introduction to College Writing - WC	3
MATH 111	College Algebra - QR	3
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Natural Science Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ACCT 201	Principles of Financial Accounting	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		3
<b>Hours</b>		<b>15</b>

Year 2		
Fall		
CIS 205	Information Systems in Organizations	3
BUS 201	Career Development	1
HIST 101 or HIST 102	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH	3
ACCT 202	Principles of Managerial Accounting	3
PHIL 222	Contemporary Moral Problems - AH (or PHIL 225, PHIL 321, or PHIL 323)	3
BSTA 301	Business Statistics	3
<b>Hours</b>		<b>16</b>
Spring		
MKT 301	Principles of Marketing	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 301	Management and Organizational Behavior	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
FIN 302: Introduction to Finance		3
<b>Hours</b>		<b>15</b>
Year 3		
Fall		
MGMT 320	Principles of Operations Management	3
CLAW 301	Legal Environment of Business	3
General Education: Cardinal Core Natural Sciences - S		3
General Elective		3
Business Elective from list		3
<b>Hours</b>		<b>15</b>
Spring		
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		3
Business Elective from list		3
Business Elective from list		3
Business Elective from list		3
<b>Hours</b>		<b>15</b>
Year 4		
Fall		
Business Elective from list		3
Business Elective from list		3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
Spring		
Business Elective from list		3
General Elective (300 level or above)		3
MGMT 443 Strategic Management		3
General Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.

3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Business Economics (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Business Economics

Unit: College of Business (BU) (<http://www.louisville.edu/business/>)  
Department: Economics (<http://business.louisville.edu/economics/>)  
Academic Plan Code(s): BUECBSE

## Program Information

The Department of Economics provides a thorough education in economics to undergraduate students of the University for those with majors and minors in the department as well as students from other academic programs. A primary departmental objective is promoting the understanding of the economy through economic analysis of industry, non-profit institutions, and government at the micro- and macroeconomic levels. Students develop comprehension, reasoning, and quantitative skills through their study of domestic and global economic issues.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	Six (6) hours of General Education Requirements can be satisfied by courses required by the degree program	
	College/School Requirements <sup>1,2</sup>	38
	Program/Major Requirements	9
	Supporting Courses	48
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.

<sup>2</sup> College/School Requirements includes 6 hours of required courses that also cover General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

### New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BS in Economics.

### Current Students - Admission in Good Standing

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31

The following courses are required by the program and can satisfy the respective General Education Requirement.

MATH 180 Elements of Calculus - QR  
or MATH 205 Calculus I - QR

ECON 201 Principles of Microeconomics - SB  
or ECON 202 Principles of Macroeconomics - SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 205	Calculus I - QR <sup>2,3</sup>	3-4
	or MATH 180 Elements of Calculus - QR	
Select one of the following Ethics courses:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BUS 301	Business Communication	3
BUS 201	Career Development	1

ACCT 201	Principles of Financial Accounting	6
& ACCT 202	Principles of Managerial Accounting	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>4</sup>	
BSTA 301	Business Statistics <sup>5</sup>	3
CIS 205	Information Systems in Organizations	3
CIS 305	Data Analysis for Decision-Making	3
General Electives <sup>6</sup>		6
<b>Minimum Total Hours</b>		<b>38</b>

Total of 38 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 General Education hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Economics Breadth</b>		
ECON 301	Intermediate Microeconomics	3
ECON 302	Intermediate Macroeconomics	3
ECON 475	Senior Economics Seminar - CUE	3
<b>Minimum Total Hours</b>		<b>9</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in Economics <sup>7</sup>		15
Electives in Business or Economics		15
Arts and Sciences Electives <sup>2</sup>		18
<b>Minimum Total Hours</b>		<b>48</b>

All course prerequisites must be followed.

Transfer students must take a minimum of 12 credit hours in the major within the College of Business.

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
ECON 475	Senior Economics Seminar - CUE	

<sup>1</sup> College/School Requirements include six hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). General Education Oral Communication courses (COMM 111, COMM 112 or HON 214) are not program requirements, but are required as prerequisite for BUS 301.

<sup>2</sup> MATH 205 or MATH 180 must be taken as a required math course for all Economic majors. Their prerequisite(s) may be used as Arts and Sciences elective(s).

<sup>3</sup> Completes Quantitative Reasoning General Education.

<sup>4</sup> Completes 3 hours of Social & Behavioral Sciences.

<sup>5</sup> The following also will meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326

<sup>6</sup> Students who satisfy General Education Requirements by courses defined by the program may require additional electives to complete the minimum hours for the degree.

<sup>7</sup> Either FIN 301 or PPE 300 may be taken as 3 hours of ECON electives.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ECON 201	Principles of Microeconomics - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Natural Science Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	3-4
or MATH 180	or Elements of Calculus - QR	
ECON 202	Principles of Macroeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Science - S		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
BUS 201	Career Development	1
CIS 205	Information Systems in Organizations	3
ACCT 201	Principles of Financial Accounting	3
ECON 301	Intermediate Microeconomics	3
CIS 305	Data Analysis for Decision-Making	3
Select one of the following:		3
BSTA 301	Business Statistics	
MATH 109	Elementary Statistics - QR	
SOC 301	Introduction to Social Statistics	
PSYC 301	Statistics for Psychology	
CJ 326	Quantitative Analysis - QR	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ECON 302	Intermediate Macroeconomics	3
ACCT 202	Principles of Managerial Accounting	3
BUS 301	Business Communication	3
General Education: Cardinal Core Arts & Humanities - AH		3
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
HIST 101	History of Civilizations I - D2, SBH	3
or HIST 102	or History of Civilizations II - D2, SBH	
Economics Elective		3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Economics Elective		3
Business/Economics Elective		3
Business/Economics Elective		3
General Elective		3

General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Economics Elective		3
Economics Elective		3
Business/Economics Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 475	Senior Economics Seminar - CUE	3
Economics Elective		3
Business/Economics Elective		3
Business/Economics Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Chemical Engineering (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Chemical Engineering

Unit: Speed School of Engineering (<https://engineering.louisville.edu>)  
Department: Chemical Engineering (<https://engineering.louisville.edu/chemical/>)

Academic Plan Code(s): CHE\_BCH

## Program Information

The Bachelor of Science in Chemical Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>). The Master of Engineering in Chemical Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(19-22 hours of General Education requirements may be satisfied through coursework required by the degree program) <sup>2</sup>	
	College/School Requirements <sup>1</sup>	35
	Program/Major Requirements <sup>1</sup>	56
	Supporting Courses	22
	<b>Minimum Total Hours</b>	<b>123</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree **in the minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

<sup>2</sup> Any one course of PHIL 222, PHIL 225, PHIL 321, PHIL 323 or PHIL 328 satisfies the ChE Department Ethics Elective requirement. However, only PHIL 222 also counts for General Education content requirement in Arts and Humanities (AH).

Specific coursework information can be found on the Degree Requirements tab.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
	The following courses are required by the program and satisfy the respective General Education Requirement(s):	
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
COMM 111	Introduction to Public Speaking - OC or COMM 112 Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC	
ENGL 102	Intermediate College Writing - WC	
ENGR 101	Engineering Analysis I - QR	

PHIL 222	Contemporary Moral Problems - AH (optional, see note below) <sup>6</sup>
PHYS 298	Introductory Mechanics, Heat and Sound - S

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

While any one course of PHIL 222, PHIL 225, PHIL 321, PHIL 323 or PHIL 328 satisfies the ChE Department Ethics Elective requirement, only PHIL 222 also counts for the General Education content requirement in Arts and Humanities (AH).

## College/School Requirements

Code	Title	Hours
<b>Speed School Core</b>		
CHEM 201	General Chemistry I - S <sup>1</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>1</sup>	1
	Select one of the following:	3
COMM 111	Introduction to Public Speaking - OC <sup>1</sup>	
COMM 112	Business and Professional Speaking - OC <sup>1</sup>	
ENGL 101	Introduction to College Writing - WC <sup>1,2</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>1,2</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>1</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>1</sup>	4
	<b>Minimum Total Hours</b>	<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Chemical Engineering Department Requirements<sup>3</sup></b>		
CHE 205	Introduction to Chemical Engineering	3
CHE 211	Chemical Engineering Thermodynamics I	3
CHE 230	Computer Applications in Chemical Engineering	2
CHE 253	Materials Science	3
CHE 288	Chemical Engineering Cooperative Education Seminar	0
CHE 289	Chemical Engineering Cooperative Education I	1
CHE 305	Material and Energy Balances	4
CHE 312	Chemical Engineering Thermodynamics II	3
CHE 331	Principles of Fluid Dynamics	3
CHE 389	Chemical Engineering Cooperative Education II	1
CHE 401	Safety, Health and Environment	1
CHE 433	Principles of Heat and Mass Transfer	3
CHE 436	Separation Operations	4
CHE 441	Kinetics and Chemical Reactors	3
CHE 461	Elements of Process Control	3
CHE 471	The Strategy of Design	3

CHE 485	Unit Operations Laboratory I	2
CHE 486	Unit Operations Laboratory II	2
CHE 489	Chemical Engineering Cooperative Education III	1
CHE 520	Modeling and Transport Phenomena	3
CHE 572	Plant Process and Project Design - CUE	3

**Chemical Engineering Core**

CHEM 202	General Chemistry II - S	3
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
PHYS 295	Introductory Laboratories I - SL	1

**Minimum Total Hours** **57**

Code	Title	Hours
<b>Supporting Courses</b>		
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
IE 360	Probability and Statistics for Engineers	3
IE 370	Engineering Economic Analysis	3
ENGR 307	Numerical Methods for Engineering	2
	Advanced Chemistry or Chemical Engineering Elective (see list below) <sup>4,5</sup>	3
	Advanced Science or Chemical Engineering Elective (see list below) <sup>4,5</sup>	3
	Ethics Elective <sup>6</sup>	3
<b>Minimum Total Hours</b>		<b>22</b>

Candidates for the Bachelor of Science degree must be in good standing (university GPA  $\geq$  2.25) and must attain a grade point average of at least 2.25 for all courses used to satisfy degree requirements.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
CHE 572	Plant Process and Project Design - CUE	

**Advanced Chemistry or Chemical Engineering Electives**

Select one course from the following list:

Code	Title	Hours
CHEM 342	Organic Chemistry II	3
CHEM 441	Elements of Physical Chemistry	3
CHEM 445	Survey of Biochemistry	3
CHEM 450	Introduction to Computational Chemistry and Molecular Modeling	3
CHEM 465	Physical Chemistry I	3
CHEM 466	Physical Chemistry II	3
CHEM 515	Inorganic Chemistry	3
CHEM 527	Introduction to Separations and Spectroscopy - WR	3
CHEM 545	Biochemistry I	3
CHEM 550	Group Theory and its Chemical Applications	3
CHEM 557	Bio-Organic Phenomena	3
CHE 300-level or higher non-required CHE course		

**Advanced Science or Chemical Engineering Elective**

Select one course from the following list:

Code	Title	Hours
BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 257	Introduction to Microbiology - S	3
BIOL 329	Cellular and Molecular Biology	3
BIOL 330	Genetics and Molecular Biology	3
BIOL 350	Biostatistics	3
CHEM 342	Organic Chemistry II	3
CHEM 441	Elements of Physical Chemistry	3
CHEM 445	Survey of Biochemistry	3
CHEM 450	Introduction to Computational Chemistry and Molecular Modeling	3
CHEM 465	Physical Chemistry I	3
CHEM 466	Physical Chemistry II	3
CHEM 515	Inorganic Chemistry	3
CHEM 527	Introduction to Separations and Spectroscopy - WR	3
CHEM 545	Biochemistry I	3
CHEM 550	Group Theory and its Chemical Applications	3
CHEM 557	Bio-Organic Phenomena	3
GEOS 301	Geology for Scientists and Engineers	3
GEOS 360	Global Environmental Change	3
GEOS 363	Climate Science	3
GEOS 365	Biogeography	3
GEOS 564	Hydrology	3
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 300	Introductory Modern Physics	3

CHE 300-level or higher non-required CHE course

- <sup>1</sup> This course is a General Education requirement for the program; see [louisville.edu/provost/ger/](http://www.louisville.edu/provost/ger/) (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements.
- <sup>2</sup> Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.
- <sup>3</sup> In order to meet departmental graduation requirements a student may accumulate no more than two D grades in CHE-prefixed courses. Any additional D grades beyond two must be repeated, in accordance with policies on course repetition. If a student accumulates more than one D in any one year of the program, it is strongly recommended that one or more of those courses be repeated to earn a better grade before proceeding to the next course in the sequence. For this policy, grades of D-minus, D or D+ are all considered to be D grades. Note also a student who accumulates more than one D in a ChE course will not be permitted to enter Graduate Studies to pursue the MEng degree program until any courses with D grades in excess of one are repeated and a better grade earned.

<sup>4</sup> An undergraduate student must receive permission from the department chair in order to enroll in a 600-level course. The course chosen to fulfill this elective requirement cannot be used to satisfy any other program or degree requirements. Note that while some courses are acceptable as either Science or Advanced Chemistry Electives, a single course cannot be used to meet both requirements as the curriculum requires that these two electives constitute a combined total of six (6) credit hours.

<sup>5</sup> The course chosen to fulfill this elective requirement cannot be used to satisfy other program or degree requirements. Note that while some courses are acceptable as either Science or Advanced Chemistry Electives, a single course cannot be used to meet both requirements as the curriculum requires that these two electives constitute a combined total of six (6) credit hours.

<sup>6</sup> Any one course of PHIL 222, PHIL 225, PHIL 321, PHIL 323, or PHIL 328 satisfies the ChE Department Ethics Elective requirement. However, only PHIL 222 also counts for the General Education content requirement in Arts and Humanities (AH).

### Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
ENGL 101	Introduction to College Writing - WC	3
ENGR 101	Engineering Analysis I - QR	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
ENGL 102	Intermediate College Writing - WC	3
ENGR 102	Engineering Analysis II	4
ENGR 111	Engineering Methods, Tools and Practice II	2
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>18</b>
<b>Summer</b>		
ENGR 201	Engineering Analysis III	4
CHE 205	Introduction to Chemical Engineering	3
CHE 230	Computer Applications in Chemical Engineering	2
CHE 253	Materials Science	3
<b>Hours</b>		<b>12</b>
<b>Year 2</b>		
<b>Fall</b>		
CHE 211	Chemical Engineering Thermodynamics I	3
CHE 288	Chemical Engineering Cooperative Education Seminar	0
CHE 305	Material and Energy Balances	4
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
ENGR 205	Differential Equations for Engineering	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective Global Diversity - AHD2, SBD2, or SBHD2		3
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
CHE 289	Chemical Engineering Cooperative Education I	1
<b>Hours</b>		<b>1</b>
<b>Summer</b>		
CHE 312	Chemical Engineering Thermodynamics II	3
CHE 331	Principles of Fluid Dynamics	3
CHE 401	Safety, Health and Environment	1
ENGR 307	Numerical Methods for Engineering	2
IE 360	Probability and Statistics for Engineers	3
<b>Hours</b>		<b>12</b>
<b>Year 3</b>		
<b>Fall</b>		
CHE 389	Chemical Engineering Cooperative Education II	1
<b>Hours</b>		<b>1</b>
<b>Spring</b>		
CHE 433	Principles of Heat and Mass Transfer	3
CHE 441	Kinetics and Chemical Reactors	3
Select one of the following:		3
COMM 111	Introduction to Public Speaking - OC	
COMM 112	Business and Professional Speaking - OC	
IE 370	Engineering Economic Analysis	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
CHE 489	Chemical Engineering Cooperative Education III	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
CHE 436	Separation Operations	4
CHE 471	The Strategy of Design	3
CHE 485	Unit Operations Laboratory I	2
Advanced Science or Chemical Engineering Elective		3
PHIL 222	Contemporary Moral Problems - AH	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHE 461	Elements of Process Control	3
CHE 486	Unit Operations Laboratory II	2
CHE 520	Modeling and Transport Phenomena	3
CHE 572	Plant Process and Project Design - CUE	3
Advanced Chemistry or Chemical Engineering Elective		3
<b>Hours</b>		<b>14</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Chemical Engineering (CHE BCH) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Chemistry (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Chemistry

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Chemistry (<http://louisville.edu/chemistry/>)  
Academic Plan Code(s): CHM\_BA

## Program Information

The BA degree in chemistry is designed for students who want a more general education than is possible in the BS curriculum, while at the same time receiving a substantial background in chemistry. For several related fields, this program offers a broad pre-professional education.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	39
	Supporting Courses	29-31
<b>Minimum Total Hours</b>		<b>121-123</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Early Start Program (Jointly with the College of Education and Human Development)

The Master of Arts in Teaching program in conjunction with the undergraduate programs in Chemistry, Biology, and Mathematics offers a comprehensive and professionally-focused program leading to an additional degree of MAT Middle or Secondary Education. This early start program enables superior students to receive two degrees within five years. A total of 148 credits are required for the dual degrees: 121 credits of coursework devoted toward the baccalaureate degree and 36 credits toward the MAT, with nine hours double-counted. This program will be available for students who are entering their junior year. They may take graduate level courses in the College of Education and Human Development (CEHD) in their 4th year of study.

The current qualifications for the joint degree program have been agreed upon by discipline faculty from the Colleges of Arts and Sciences and Education and Human Development. The criteria vary by discipline. Students enrolling in the accelerated program will be non-thesis students and must adhere to all policies pertaining to Graduate Students. All interested students must submit an application to the College of Education and Human Development (CEHD) MAT program and meet the admission criteria.

## Departmental Admission Requirements

Admission to the major in Chemistry requires completion of CHEM 202 (or equivalent course from another institution) with a grade of C or better.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

CHEM 201	General Chemistry I - S
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CHEM 207	Introduction to Chemical Analysis I - SL
MATH 205	Calculus I - QR
PHYS 221	Fundamentals of Physics I - S

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>1</sup>		12
Electives in Humanities or Social Sciences <sup>2</sup>		9
WR—two approved courses at the 300 level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Core

Code	Title	Hours
<b>Department of Chemistry</b>		
CHEM 201	General Chemistry I - S <sup>4</sup>	3
CHEM 202	General Chemistry II - S <sup>4</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>4</sup>	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV <sup>4</sup>	1
CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3
CHEM 343	Organic Chemistry Laboratory I	2
CHEM 344	Organic Chemistry Laboratory II	2
CHEM 441	Elements of Physical Chemistry	3
or CHEM 465	Physical Chemistry I	
CHEM 470	Physical Chemistry Laboratory - WR <sup>5</sup>	2
CHEM 527	Introduction to Separations and Spectroscopy - WR	3
CHEM electives at 300+ level (includes CUE, see below) <sup>6,7</sup>		11
<b>Minimum Total Hours</b>		<b>39</b>

Code	Title	Hours
<b>Supporting Courses</b>		
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
Complete one of the following sequences:		8-10
<i>Sequence 1:</i>		
PHYS 221	Fundamentals of Physics I - S	
PHYS 222	Fundamentals of Physics II - S	
PHYS 223	Fundamentals of Physics Lab I - SL	
PHYS 224	Fundamentals of Physics Laboratory II - SL	
<i>Sequence 2:</i>		
PHYS 295	Introductory Laboratories I - SL	

PHYS 296	Introductory Laboratories II - SL	
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 299	Introductory Electricity, Magnetism and Light	
Minimum Electives <sup>9</sup>		13

**Minimum Total Hours** **29-31**

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
CHEM 390	Undergraduate Research - WR, CUE	
CHEM 391	Undergraduate Research - CUE	
CHEM 392	Undergraduate Research - CUE	
CHEM 420	Cooperative Internship in Chemistry - WR, CUE	
CHEM 430	Practicum in Chemistry Education - CUE	
CHEM 491	Undergraduate Research - CUE	
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	

Code	Title	Hours
<b>Chemistry Electives</b>		
CHEM 425	Instrumental and Statistical Analysis	3
CHEM 430	Practicum in Chemistry Education - CUE	1
CHEM 445	Survey of Biochemistry <sup>8</sup>	3
CHEM 515	Inorganic Chemistry	3
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	3
CHEM 529	Contemporary Methods of Synthesis and Analysis II	3
CHEM 545	Biochemistry I <sup>8</sup>	3
CHEM 546	Biochemistry Laboratory	2
CHEM 547	Biochemistry II	3
CHEM 555	Theory and Application of Computational Chemistry	3
CHEM 557	Bio-Organic Phenomena	3
CHEM 390	Undergraduate Research - WR, CUE	3
CHEM 391	Undergraduate Research - CUE	1-3
CHEM 392	Undergraduate Research - CUE	1-3
CHEM 491	Undergraduate Research - CUE	1-3
CHEM 492	Undergraduate Research	1-3
CHEM 420	Cooperative Internship in Chemistry - WR, CUE	1-3

Only 40 hours in the major department may be applied toward the Bachelor of Arts Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

- Completion of the intermediate level of a single foreign language
- In addition to courses counted toward General Education; 6 hours must be at 300 level or above.
- May be incorporated into other degree requirements
- May fulfill General Education requirement.
- CHEM 470 plus 3 semester hours of another WR course will fulfill the WR requirement.
- Independent Study may not be used for this requirement.

<sup>7</sup> See table for CHEM Electives. With the consent of the instructor(s), graduate level courses in Chemistry may also be used to fulfill these requirements.

<sup>8</sup> Credit may not be earned for both CHEM 445 and CHEM 545.

<sup>9</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Historical Perspective - SBH		3
<b>Hours</b>		<b>14</b>
<b>Year 2</b>		
<b>Fall</b>		
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
PHYS 221	Fundamentals of Physics I - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
MATH 205	Calculus I - QR	4
General Elective (300 level or above)		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 342	Organic Chemistry II	3
CHEM 344	Organic Chemistry Laboratory II	2
PHYS 222	Fundamentals of Physics II - S	3
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
MATH 206	Calculus II	4
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
CHEM 441 or CHEM 465	Elements of Physical Chemistry or Physical Chemistry I	3
Chemistry Elective		2-3
Humanities or Social Science Elective (300 level or above)		3
Foreign Language 1		4
General Elective (300 level or above)		3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
CHEM 470	Physical Chemistry Laboratory - WR	2
Chemistry Elective		3
General Education: Cardinal Core Social & Behavioral US Diversity - SBD1		3
Foreign Language 2		4

General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
CHEM 527	Introduction to Separations and Spectroscopy - WR	3
Chemistry Elective		3
Foreign Language 3		4
Humanities or Social Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Chemistry Elective (CUE)		3
Humanities or Social Science Elective (300 level or above)		3
General Elective		3
General Elective		3
General Elective		2
<b>Hours</b>		<b>14</b>
<b>Minimum Total Hours</b>		<b>121-122</b>

### Degree Audit Report

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#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Chemistry (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Chemistry

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Chemistry (<http://louisville.edu/chemistry/>)  
Academic Plan Code(s): See Track Requirements tab

## Program Information

The BS in Chemistry degree program is designed to prepare professional chemists for industrial, governmental, academic, and research positions. This curriculum meets approved requirements for professional training.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15
	Program/Major Requirements <sup>1</sup>	25
	Supporting Courses	16-18
	Track Requirements	34-51
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives may be required to complete the minimum hours for the degree. To complete the degree in the minimum number of hours listed for the Business track, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Early Start Program (Jointly with the College of Education and Human Development)

The Master of Arts in Teaching program in conjunction with the undergraduate programs in Chemistry, Biology, and Mathematics offers a comprehensive and professionally-focused program leading to an additional degree of MAT Middle or Secondary Education. This early start program enables superior students to receive two degrees within five years. A total of 148 credits are required for the dual degrees: 121 credits of coursework devoted toward the baccalaureate degree and 36 credits toward the MAT, with nine hours double-counted. This program will be available for students who are entering their junior year. They may take graduate level courses in the College of Education and Human Development (CEHD) in their 4th year of study.

The current qualifications for the joint degree program have been agreed upon by discipline faculty from the Colleges of Arts and Sciences and Education and Human Development. The criteria vary by discipline. Students enrolling in the accelerated program will be non-

thesis students and must adhere to all policies pertaining to Graduate Students. All interested students must submit an application to the College of Education and Human Development (CEHD) MAT program and meet the admission criteria.

## Departmental Admission Requirements

Admission to the major in Chemistry requires completion of CHEM 202 (or equivalent course from another institution) with a grade of C or better.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
MATH 205	Calculus I - QR	
PHYS 221	Fundamentals of Physics I - S	
	or PHYS 295 Introductory Laboratories I - SL	

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree. To complete the Business track in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101 Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	6-8
	Electives in Humanities or Social Sciences at the 300-level or above <sup>2</sup>	6
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Chemistry</b>		
CHEM 201	General Chemistry I - S <sup>4</sup>	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>4</sup>	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3

CHEM 343	Organic Chemistry Laboratory I	2
CHEM 344	Organic Chemistry Laboratory II	2
CHEM 470	Physical Chemistry Laboratory - WR	2
CHEM 527	Introduction to Separations and Spectroscopy - WR	3

**Minimum Total Hours** 25

Code	Title	Hours
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**Supporting Courses**

MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4

Complete one of the following sequences: 8-10

Sequence 1:

PHYS 221	Fundamentals of Physics I - S	
PHYS 222	Fundamentals of Physics II - S	
PHYS 223	Fundamentals of Physics Lab I - SL	
PHYS 224	Fundamentals of Physics Laboratory II - SL	

Sequence 2:

PHYS 295	Introductory Laboratories I - SL	
PHYS 296	Introductory Laboratories II - SL	
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 299	Introductory Electricity, Magnetism and Light	

**Minimum Total Hours** 16-18

Code	Title	Hours
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**Track Requirements** 34-51

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
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**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing one of the following:

CHEM 390	Undergraduate Research - WR, CUE	
CHEM 391	Undergraduate Research - CUE	
CHEM 392	Undergraduate Research - CUE	
CHEM 420	Cooperative Internship in Chemistry - WR, CUE	
CHEM 430	Practicum in Chemistry Education - CUE	
CHEM 491	Undergraduate Research - CUE	
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	

<sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on language taken

<sup>2</sup> In addition to courses counted toward General Education

<sup>3</sup> May be incorporated into other degree requirements

<sup>4</sup> Fulfills General Education requirement.

<sup>5</sup> CHEM 470 plus 3 semester hours of another WR course will fulfill the WR requirement.

## Track Requirements

Students completing the BS in Chemistry may pursue the standard degree track or a specialized track in Biochemistry or a track in Business. Requirements for all three of these options are listed below.

### Chemistry BS

Academic Plan Code(s): CHM\_BS

Code	Title	Hours
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**Department of Chemistry**

CHEM 425	Instrumental and Statistical Analysis	3
CHEM 465	Physical Chemistry I	3
CHEM 466	Physical Chemistry II	3
CHEM 445	Survey of Biochemistry or CHEM 545 Biochemistry I	3
CHEM 515	Inorganic Chemistry	3
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	3
CHEM 529	Contemporary Methods of Synthesis and Analysis II	3

Undergraduate Research or Cooperative Internship 3

**Supporting Courses**

MATH 301	Calculus III	4
Elective in Mathematics, Physics, or Chemistry at 300 level or above <sup>1</sup>		3
Elective in Natural Sciences Division, other than Chemistry, at the 300 level or above		3

**Minimum Total Hours** 34

<sup>1</sup> As many as 3 additional hours in Undergraduate Research in Chemistry may be applied toward the degree. With the consent of the instructor, graduate-level courses in Chemistry may also be used.

### Track in Biochemistry

Academic Plan Code(s): CHM\_BS\_BIO

This degree track is designed to prepare students for a career that combines both chemistry and modern biology.

Code	Title	Hours
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**Department of Chemistry**

CHEM 465	Physical Chemistry I	3
CHEM 466	Physical Chemistry II	3
CHEM 545	Biochemistry I	3
CHEM 547	Biochemistry II	3
CHEM 546	Biochemistry Laboratory	2
Undergraduate Research or Cooperative Internship		3

**Supporting Courses**

BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 329	Cellular and Molecular Biology	3
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2

CHEM or BIOL electives - see table below (at least 3 hours of which must be in Chemistry) <sup>3</sup> 4-6

MATH 301	Calculus III	4
<b>Minimum Total Hours</b>		<b>39-41</b>

- <sup>1</sup> Fulfills General Education requirement.
- <sup>2</sup> CHEM 470 plus 3 semester hours of another WR course will fulfill the WR requirement
- <sup>3</sup> As many as 3 additional hours in Undergraduate Research in Chemistry may be applied toward the degree. With the consent of the instructor, graduate level courses in Chemistry may also be used.

### Chemistry or Biology Electives

Code	Title	Hours
BIOL 457	Microbiology	3
or BIOL 485	Microbial Physiology - CUE, WR	
BIOL 458	Microbiology Laboratory	1
BIOL 400	Histology	4
BIOL 465	Principles of Physiology	3
BIOL 541	Medicinal Plant Biochemistry - CUE, WR	3
BIOL 542	Gene Structure and Function - WR	3
CHEM 425	Instrumental and Statistical Analysis	3
CHEM 430	Practicum in Chemistry Education - CUE	1
CHEM 515	Inorganic Chemistry	3
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	3
CHEM 529	Contemporary Methods of Synthesis and Analysis II	3
CHEM 555	Theory and Application of Computational Chemistry	3
CHEM 557	Bio-Organic Phenomena	3

### Track in Business

Academic Plan Codes: CHM\_BS\_BUS

This degree track combines a general program in chemistry with a fundamental program in business. The curriculum is designed to prepare chemists for industrial and governmental positions.

Code	Title	Hours
<b>Department of Chemistry</b>		
CHEM 441	Elements of Physical Chemistry	3
or CHEM 465	Physical Chemistry I	
CHEM electives at 300 level or above (other than Independent Study)		15 <sup>3</sup>

### Supporting Courses

ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
CIS 250	Introduction to Data and Information Management	3
CIS 300	Computer Information Systems	3
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
Select one of the following:		3
BSTA 301	Business Statistics (previously BSTA 201)	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	

MGMT 301	Management and Organizational Behavior	3
MKT 301	Principles of Marketing	3
FIN 301	Corporate Finance	3
Elective in the School of Business at the 300-level or above		3

### Culminating Undergraduate Experience (Graduation requirement)

Requirement fulfilled by completing one of the following approved CUE courses:

CHEM 390	Undergraduate Research - WR, CUE	
CHEM 391	Undergraduate Research - CUE	
CHEM 392	Undergraduate Research - CUE	
CHEM 420	Cooperative Internship in Chemistry - WR, CUE	
CHEM 430	Practicum in Chemistry Education - CUE	
CHEM 491	Undergraduate Research - CUE	
CHEM 492	Undergraduate Research	
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	

**Minimum Total Hours** 51

### Chemistry Electives

Code	Title	Hours
CHEM 425	Instrumental and Statistical Analysis	3
CHEM 430	Practicum in Chemistry Education - CUE	1
CHEM 445	Survey of Biochemistry <sup>4</sup>	3
CHEM 515	Inorganic Chemistry	3
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	3
CHEM 529	Contemporary Methods of Synthesis and Analysis II	3
CHEM 545	Biochemistry I <sup>4</sup>	3
CHEM 546	Biochemistry Laboratory	2
CHEM 547	Biochemistry II	3
CHEM 555	Theory and Application of Computational Chemistry	3
CHEM 557	Bio-Organic Phenomena	3
CHEM 390	Undergraduate Research - WR, CUE	3
CHEM 391	Undergraduate Research - CUE	1-3
CHEM 392	Undergraduate Research - CUE	1-3
CHEM 491	Undergraduate Research - CUE	1-3
CHEM 492	Undergraduate Research	1-3
CHEM 420	Cooperative Internship in Chemistry - WR, CUE	1-3

- <sup>1</sup> Fulfills General Education requirement.
- <sup>2</sup> CHEM 470 plus 3 semester hours of another WR course will fulfill the WR requirement.
- <sup>3</sup> See Chemistry Electives below. With the consent of the instructor(s), graduate level courses in Chemistry may also be used to fulfill these requirements.
- <sup>4</sup> Credit may not be earned for CHEM 445 and CHEM 545.

### Flight Plan

## Chemistry BS

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Historical Perspectives - SBH		3
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
MATH 205	Calculus I - QR	4
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
Foreign Language 1		3-4
MATH 206	Calculus II	4
PHYS 221	Fundamentals of Physics I - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
Foreign Language 2		3-4
MATH 301	Calculus III	4
PHYS 222	Fundamentals of Physics II - S	3
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
CHEM 342	Organic Chemistry II	3
CHEM 344	Organic Chemistry Laboratory II	2
<b>Hours</b>		<b>16-17</b>
<b>Year 3</b>		
<b>Fall</b>		
CHEM 425	Instrumental and Statistical Analysis	3
CHEM 465	Physical Chemistry I	3
Chemistry Undergraduate Research or Co-Op		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Humanities or Social Science WR Elective (300 level or above)		3
CHEM 445 or CHEM 545	Survey of Biochemistry or Biochemistry I	3
CHEM 466	Physical Chemistry II	3
CHEM 470	Physical Chemistry Laboratory - WR	2
General Elective		3
<b>Hours</b>		<b>14</b>
<b>Year 4</b>		
<b>Fall</b>		
General Education: Cardinal Core Social & Behavioral US Diversity - SBD1		3
Natural Science Elective (300 level or above)		3
Math, Physics, or Chemistry Elective (300 level or above)		3
CHEM 527	Introduction to Separations and Spectroscopy - WR	3

CHEM 515	Inorganic Chemistry	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
Humanities or Social Science Elective (300 level or above)		3
CHEM 528	Contemporary Methods of Synthesis and Analysis I - CUE	3
CHEM 529	Contemporary Methods of Synthesis and Analysis II	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-123</b>

## Track in Biochemistry

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
BIOL 240	Unity of Life - S	3
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
BIOL 242	Diversity of Life - S	3
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MATH 206	Calculus II	4
PHYS 221	Fundamentals of Physics I - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
BIOL 329	Cellular and Molecular Biology	3
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 301	Calculus III	4
PHYS 222	Fundamentals of Physics II - S	3
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
CHEM 342	Organic Chemistry II	3
CHEM 344	Organic Chemistry Laboratory II	2
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
CHEM 465	Physical Chemistry I	3
Historical Perspectives-SBH		3
Chemistry Undergraduate Research or Co-op (CUE)		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral US Diversity - SBD1		3

Foreign Language 1	4
CHEM 466 Physical Chemistry II	3
CHEM 470 Physical Chemistry Laboratory - WR	2
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Humanities or Social Science WR Elective (300 level or above)	3
Foreign Language 2	4
CHEM 527 Introduction to Separations and Spectroscopy - WR	3
CHEM 545 Biochemistry I	3
CHEM 546 Biochemistry Laboratory	2
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
CHEM 547 Biochemistry II	3
Chemistry Elective	3
Biology or Chemistry Elective	3
Humanities or Social Science Elective (300 level or above)	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>121</b>

## Track in Business

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
ECON 201	Principles of Microeconomics - SB	3
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
ECON 202	Principles of Macroeconomics - SB	3
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
General Education: Cardinal Core Social & Behavioral Historical Perspectives - SBH		3
<b>Hours</b>		<b>18</b>
<b>Year 2</b>		
<b>Fall</b>		
MATH 206	Calculus II	4
ACCT 201	Principles of Financial Accounting	3
PHYS 221	Fundamentals of Physics I - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ACCT 202	Principles of Managerial Accounting	3
CIS 250	Introduction to Data and Information Management	3
PHYS 222	Fundamentals of Physics II - S	3
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
CHEM 342	Organic Chemistry II	3
CHEM 344	Organic Chemistry Laboratory II	2
<b>Hours</b>		<b>15</b>

## Year 3

<b>Fall</b>	
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	
Foreign Language 1	3-4
CIS 300 Computer Information Systems	3
MGMT 201 Business Statistics	3
CHEM 441 Elements of Physical Chemistry or CHEM 465 or Physical Chemistry I	3
<b>Hours</b>	<b>15-16</b>
<b>Spring</b>	
Foreign Language 2	3-4
Humanities or Social Science WR Elective (300 level or above)	
MGMT 301 Management and Organizational Behavior	3
CHEM 470 Physical Chemistry Laboratory - WR	2
Chemistry Elective	3
Chemistry Elective	3
<b>Hours</b>	<b>17-18</b>

## Year 4

<b>Fall</b>	
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	
MKT 301 Principles of Marketing	3
CHEM 527 Introduction to Separations and Spectroscopy - WR	3
Chemistry Electives	
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
CHEM 528 Contemporary Methods of Synthesis and Analysis I - CUE (or Undergraduate Research - CUE)	3
Chemistry Elective (300 level or above)	
Humanities or Social Science Elective (300 level or above)	
FIN 301 Corporate Finance	3
Business Elective (300 level)	
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>126-128</b>

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

## To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

## Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Civil Engineering (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Civil Engineering

Unit: Speed School of Engineering (SS) (<https://engineering.louisville.edu>)

Department: Civil Engineering (<https://engineering.louisville.edu/civil/>)  
Academic Plan Code(s): CE\_ \_BCE

## Program Information

The Bachelor of Science in Civil Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>). The Master of Engineering in Civil Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(19 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements	35
	Program/Major Requirements	54
	Supporting Courses	22
	<b>Minimum Total Hours</b>	<b>123</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree **in the minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

CHEM 201	General Chemistry I - S
CHEM 207	Introduction to Chemical Analysis I - SL
COMM 111	Introduction to Public Speaking - OC or COMM 112 Business and Professional Speaking - OC
ENGL 101 & ENGL 102	Introduction to College Writing - WC Intermediate College Writing - WC <sup>2,3</sup>
ENGR 101	Engineering Analysis I - QR
PHYS 298	Introductory Mechanics, Heat and Sound - S

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
<b>Speed School Core</b>		
CHEM 201	General Chemistry I - S <sup>2</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>2</sup>	1
COMM 111	Introduction to Public Speaking - OC <sup>2</sup> or COMM 112 Business and Professional Speaking - OC	3
ENGL 101	Introduction to College Writing - WC <sup>2,3</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>2,3</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>2</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>2</sup>	4
<b>Minimum Total Hours</b>		<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Civil Engineering Department Requirements</b>		
CEE 205	Mechanics I: Statics	3
CEE 254	Mechanics of Solids	3
CEE 255	Mechanics of Materials Laboratory	1
CEE 260	Civil Engineering Field Measurements	2
CEE 261	Civil Engineering Field Measurements Laboratory	1
CEE 288	Civil and Environmental Engineering Cooperative Education Seminar	0
CEE 289	Civil and Environmental Engineering Cooperative Education I	1
CEE 309	Introduction to Environmental Engineering	3
CEE 322	Structural Analysis	3
CEE 370	Engineering Hydraulics	3
CEE 371	Engineering Hydraulics Lab	1
CEE 389	Civil and Environmental Engineering Cooperative Education II	1
CEE 401	Civil Engineering Professional Practice	2

CEE 421	Fundamentals of Concrete Design	3
CEE 422	Fundamentals of Steel Design	3
CEE 450	Geomechanics	3
CEE 451	Geomechanics Laboratory	1
CEE 452	Foundation Engineering	3
CEE 460	Transportation Systems Engineering	3
CEE 470	Surface Water Hydrology	3
CEE 471	Water Supply and Sewerage	3
CEE 480	Civil & Environmental Engineering Capstone Design - CUE (CUE)	3
CEE 489	Civil Engineering Cooperative Education III	1
CEE 530	Construction Materials	3
<b>Civil Engineering Core</b>		
PHYS 295	Introductory Laboratories I - SL	1
<b>Minimum Total Hours</b>		<b>54</b>

Code	Title	Hours
<b>Supporting Courses</b>		
GEOS 301	Geology for Scientists and Engineers	3
IE 360	Probability and Statistics for Engineers	3
IE 370	Engineering Economic Analysis	3
ME 206	Mechanics II: Dynamics	3
ME 251	Thermodynamics I	3
PHYS 299	Introductory Electricity, Magnetism and Light	4
ENGR 151	Engineering Graphics Technology	1
ENGR 307	Numerical Methods for Engineering	2
<b>Minimum Total Hours</b>		<b>22</b>

Candidates for the Bachelor of Science degree must be in good standing (university GPA  $\geq$  2.25) and must attain a grade point average of at least 2.25 for all courses used to satisfy degree requirements.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
CEE 480	Civil & Environmental Engineering Capstone Design - CUE	

- <sup>1</sup> To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.
- <sup>2</sup> This course is a General Education requirement for the program; see [louisville.edu/provost/ger/](http://www.louisville.edu/provost/ger/) (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements.
- <sup>3</sup> Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
ENGL 101	Introduction to College Writing - WC	3
ENGR 101	Engineering Analysis I - QR	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ENGR 102	Engineering Analysis II	4
ENGR 111	Engineering Methods, Tools and Practice II	2
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>14</b>
<b>Summer</b>		
CEE 205	Mechanics I: Statics	3
ENGR 151	Engineering Graphics Technology	1
ENGR 201	Engineering Analysis III	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
<b>Hours</b>		<b>12</b>
<b>Year 2</b>		
<b>Fall</b>		
CEE 254	Mechanics of Solids	3
CEE 255	Mechanics of Materials Laboratory	1
CEE 260	Civil Engineering Field Measurements	2
CEE 261	Civil Engineering Field Measurements Laboratory	1
CEE 288	Civil and Environmental Engineering Cooperative Education Seminar	0
COMM 111 or COMM 112	Introduction to Public Speaking - OC or Business and Professional Speaking - OC	3
ENGR 205	Differential Equations for Engineering	2
ME 206	Mechanics II: Dynamics	3
ME 251	Thermodynamics I	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
CEE 289	Civil and Environmental Engineering Cooperative Education I	1
<b>Hours</b>		<b>1</b>
<b>Summer</b>		
CEE 309	Introduction to Environmental Engineering	3
CEE 322	Structural Analysis	3
IE 360	Probability and Statistics for Engineers	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>12</b>
<b>Year 3</b>		
<b>Fall</b>		
CEE 389	Civil and Environmental Engineering Cooperative Education II	1
<b>Hours</b>		<b>1</b>
<b>Spring</b>		
CEE 370	Engineering Hydraulics	3
CEE 371	Engineering Hydraulics Lab	1
CEE 460	Transportation Systems Engineering	3
ENGR 307	Numerical Methods for Engineering	2

GEOS 301	Geology for Scientists and Engineers	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective Global Diversity - AHD2, SBD2, or SBHD2		3
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
CEE 489	Civil Engineering Cooperative Education III	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
CEE 401	Civil Engineering Professional Practice	2
CEE 422	Fundamentals of Steel Design	3
CEE 450	Geomechanics	3
CEE 451	Geomechanics Laboratory	1
CEE 470	Surface Water Hydrology	3
IE 370	Engineering Economic Analysis	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
CEE 421	Fundamentals of Concrete Design	3
CEE 452	Foundation Engineering	3
CEE 471	Water Supply and Sewerage	3
CEE 480	Civil & Environmental Engineering Capstone Design - CUE	3
CEE 530	Construction Materials	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Civil Engineering (CE BCE) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any

questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Communication (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Communication

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Communication (<http://comm.louisville.edu/department/>)  
Academic Plan Code(s): COMMBA, COMMBA\_O

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-or-science-in-communication/>).*

The Department of Communication offers both a Bachelor of Arts and a Bachelor of Science degree in Communication.

A Bachelor of Arts degree and a Bachelor of Science degree are equally valued. Both offer the students who earn them the opportunity to continue their education at the master's degree level if they are so inclined. But, the two tracks do tend to hone different strengths. The coursework required for a Bachelor of Arts degree generally allows students to sharpen their oral and written communication skills. The demands of a Bachelor of Science degree include sharpening basic Communication skills as well as developing analytical skills relevant to Communication in a more in-depth manner.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements <sup>2</sup>	19
	Program/Major Requirements <sup>1,2</sup>	36
	Supporting Courses	35
<b>Minimum Total Hours</b>		<b>121</b>

### Accelerated BA/MA (Master of Arts) in Communication

Communication majors who are considering pursuing a master's degree (MA) in Communication can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply for admission to the program. Admission will be based on cumulative GPA (3.25 or better after earning 45 credit hours), completion of COMM 316 with a grade of B or higher, and two letters of recommendation from Communication faculty. Only students seeking a graduate assistantship will be required to take the GRE.

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

<sup>2</sup> 3 hours of College/School requirement is satisfied in Natural Science requirement in Program/Major supporting coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in Communication requires:

1. Completion of COMM 201 with a minimum grade of C
2. A minimum cumulative grade point average of 2.0
3. A minimum grade point average of 2.0 on courses in the major

The application for major form can be found on the Arts and Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
COMM 201	Introduction to Communication - SB	
Some other courses approved as options for satisfying program requirements (e.g., MATH 109) may also satisfy General Education requirements.		

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting

coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences at the 300-level or above <sup>2</sup>	6
WR—two approved courses at the 300 level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>19</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Communication</b>		
COMM 201	Introduction to Communication - SB <sup>4</sup>	3
COMM 303	Introduction to Communication Technologies	3
COMM 304	Argument In Everyday Life	3
COMM 305	Introduction to Mass Communication	3
COMM 315	Introduction to Interpersonal Communication	3
COMM 316	Research Methods	3
	COMM elective at 200 level or above	3
	COMM electives at 300 level or above	9
	COMM electives at 400 level or above <sup>5</sup>	3
	COMM CUE course (see list below)	3
<b>Minimum Total Hours</b>		<b>36</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	<i>Statistics/Quantitative Methods</i>	3
Select one of the following: <sup>6</sup>		
MATH 109	Elementary Statistics - QR	
BSTA 301	Business Statistics	
CJ 326	Quantitative Analysis - QR	
HSS 377	Introduction to Statistics in Health and Human Performance	
PAS 408	Research Methods in Pan-African Studies - WR	
POLS 390	Contemporary Political Research	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
	<i>Social Science Elective in Human Behavior</i>	3
Select one of the following: <sup>7</sup>		
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
ANTH 203	Archaeology of Human History - D2, SBH	
ANTH 309/ PAS 368	Sex, Gender and Culture	
CJ 200	Crime and Justice in the United States - SB	
CJ 201	Law Enforcement in the United States - SB	
CJ 202	Corrections in the United States - SB	
GEOG 324	Race and Place	
HIST 321	Black Culture and U.S. Democracy	

HIST 326	History of Childhood in America - D1, SBH, WR	
HSS 364	Women's Health Issues - D1, SB	
LALS 317	Social Sciences Special Topics in Latino Studies	
PAS 200	Introduction to Pan-African Studies - D1, SB	
PAS 301	Social Sciences Special Topics in Pan-African Studies	
PSYC 201	Introduction to Psychology - SB	
SOC 201	Introduction to Sociology - SB	
SOC 202	Social Problems - D1, SB	
SOC 203	Introduction to Social Psychology - SB	
SOC 210	Race in the United States - SB, D1	
SOC 305	Urban Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327/ WGST 313	Sociology of Gender	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<i>Natural Science Elective in Human Behavior, Development, Environment or Health</i>		3
Select one of the following: <sup>8</sup>		
ANTH 306	Human Biological Variation	
BIOL 102	Biology: Current Issues and Applications - S	
BIOL 240	Unity of Life - S	
BIOL 242	Diversity of Life - S	
BIOL 260	Human Anatomy & Physiology I	
CHEM 101	Introduction to Chemistry - S	
CHEM 105	Chemistry for Health Professionals - S	
CHEM 201	General Chemistry I - S	
GEOS 200	The Global Environment - S	
GEOS 220	Introduction to Weather and Climate - S	
GEOS 360	Global Environmental Change	
GEOS 363	Climate Science	
HSS 302	Nutrition in Healthy Living	
HSS 303	Human Nutrition	
PHYS 107	Elementary Astronomy - S	
PHYS 111	Elements of Physics - B	
PSYC 344	Physiological Psychology	
SW 203	Human Biology for Social Sciences	
Social Science electives (other than Communication) with 12 hours at the 300 level or above <sup>9,10</sup>		15
Minimum Electives <sup>11</sup>		11
<b>Minimum Total Hours</b>		<b>35</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree. COMM 111, COMM 112, and COMM 115 are not counted in computing the 40 hours for a Communication major.

3 hours of College/School requirement is satisfied in Natural Science requirement in Program/Major supporting coursework.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
COMM 402	Independent Research in Communication - CUE	
COMM 413	Environmental Communication - CUE	
COMM 417	Senior Communication Internship - CUE	
COMM 427	Case Studies in Communication - CUE	
COMM 436	Health Communication Campaign Planning - WR, CUE	
COMM 437	Mass Media and Close Relationships - CUE	
COMM 445	Strategic Communication Campaigns - CUE	
COMM 465	Special Topics in Communication Service Learning - CUE	
COMM 481	Senior Practicum - CUE	
COMM 498	Senior Thesis - CUE, WR	
COMM 505	Perspectives on Religion and Media - WR, CUE	
COMM 506	Ethical Problems in Communication - CUE, WR	
COMM 512	Rhetoric from Aristotle to #Twitter - CUE, WR	
COMM 565	Special Topics in Communication Service Learning - CUE	

- 1 Completion of the intermediate level of a single foreign language
- 2 In addition to courses counted toward General Education
- 3 May be incorporated into other degree requirements
- 4 Fulfills General Education requirement.
- 5 Excluding COMM 417
- 6 Or another statistics elective approved by an advisor
- 7 Or another Social Science elective approved by an advisor
- 8 Or another Natural Sciences course approved by an advisor
- 9 Only 12 hours needed if statistics requirement fulfilled in a social science discipline.
- 10 In addition to courses counted toward General Education
- 11 Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 1		3-4
<b>Hours</b>		<b>13-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
COMM 111 or COMM 112 or COMM 115	Introduction to Public Speaking - OC or Business and Professional Speaking - OC or Interpersonal Skills - OC	3
COMM 201	Introduction to Communication - SB	3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>

Year 2		
<b>Fall</b>		
COMM 305	Introduction to Mass Communication	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Foreign Language 3		3-4
General Elective		2
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
COMM 304	Argument In Everyday Life	3
Statistics/Quantitative Methods Elective		3
Humanities or Natural Science Elective (300 level or above)		3
Communication Elective (200 level or above)		3
Foreign Language 4 (if needed) or General Elective		3
<b>Hours</b>		<b>15</b>
Year 3		
<b>Fall</b>		
COMM 303	Introduction to Communication Technologies	3
COMM 315	Introduction to Interpersonal Communication	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Humanities or Natural Science Elective (300 level or above)		3
Social Science Elective in Human Behavior		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
COMM 316	Research Methods	3
Communication Elective (300 level or above)		3
Communication WR Elective (300 level or above)		3
Social Science Elective (300 level or above)		3
Natural Science Elective in Human Behavior, Development, Environment or Health Elective		3
<b>Hours</b>		<b>15</b>
Year 4		
<b>Fall</b>		
Communication Elective (300 level or above)		3
Communication Elective & WR (400 level or above)		3
Social Science Elective (300 level or above)		3
Social Science Elective (300 level or above)		3
Social Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
Communication CUE course		3
Communication Elective (300 level or above)		3
Social Science Elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-125</b>

Click here to run a Degree Audit report, or create a What-if report. ([https://ulink.louisville.edu/psp/pa91p/EMPLOYEE/EMPL/h/?tab=L\\_STUDENT\\_SERVICES](https://ulink.louisville.edu/psp/pa91p/EMPLOYEE/EMPL/h/?tab=L_STUDENT_SERVICES)) Once you're logged into your ULink account, click on the Student Services tab, then click on "View my Academic Advisement Report" to run a Degree Audit report in the Undergraduate Advising area. To create a What-if report, click on "Create a What-if Advisement Report."

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

to the courses required in another academic plan. For both reports, please consult with your advisor before editing your course schedule.

## Communication (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Communication

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Communication (<http://comm.louisville.edu/department/>)  
Academic Plan Code(s): COMMBS

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-or-science-in-communication/>).*

The Department of Communication offers both a Bachelor of Arts and a Bachelor of Science degree in Communication.

A Bachelor of Arts degree and a Bachelor of Science degree are equally valued. Both offer the students who earn them the opportunity to continue their education at the master's degree level if they are so inclined. But, the two tracks do tend to hone different strengths. The coursework required for a Bachelor of Arts degree generally allows students to sharpen their oral and written communication skills. The demands of a Bachelor of Science degree include sharpening basic Communication skills as well as developing analytical skills relevant to Communication in a more in-depth manner.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		13-15
Program/Major Requirements <sup>1,2</sup>		48
Supporting Courses		27-29
<b>Minimum Total Hours</b>		<b>121</b>

## Accelerated BS/MA (Master of Arts) in Communication

Communication majors who are considering pursuing a master's degree (MA) in Communication can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply for admission to the program. Admission will be based on cumulative GPA (3.25 or better after earning 45 credit hours), completion of COMM 316 with a grade of B or higher, and two letters of recommendation from Communication faculty. Only students seeking a graduate assistantship will be required to take the GRE.

- <sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.
- <sup>2</sup> Includes 9-11 hours of electives

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BS program in Communication requires:

1. Completion of COMM 201 with a minimum grade of C;
2. A minimum cumulative grade point average of 2.5; and
3. A minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

COMM 201	Introduction to Communication - SB
Some courses options for meeting other program requirements may also satisfy General Education requirements.	

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>1</sup>		6-8
Electives in Humanities or Natural Sciences at the 300-level or above <sup>2</sup>		6

WR—two approved courses at the 300 level or above<sup>3</sup>

<b>Minimum Total Hours</b>	<b>13-15</b>
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## Program/Major Requirements

Code	Title	Hours
<b>Department of Communication</b>		
COMM 201	Introduction to Communication - SB <sup>4</sup>	3
COMM 303	Introduction to Communication Technologies	3
COMM 304	Argument In Everyday Life	3
COMM 305	Introduction to Mass Communication	3
COMM 315	Introduction to Interpersonal Communication	3
COMM 316	Research Methods	3
COMM 417	Senior Communication Internship - CUE	3
COMM 302	Advanced Speech Communication	3
or COMM 319	Debate	
Select one of the following: <sup>11</sup>		3
COMM 320	Newswriting - WR	
COMM 323	Magazine and Feature Writing - WR	
COMM 344	Strategic Communication Writing - WR	
COMM elective at 200 level or above		3
COMM electives at 300 level or above		12
COMM electives at 400 level or above <sup>5</sup>		6

<b>Minimum Total Hours</b>	<b>48</b>
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Code	Title	Hours
<b>Supporting Courses</b>		
<i>Statistics/Quantitative Methods</i> <sup>6</sup>		3
Select one of the following: <sup>7</sup>		
MATH 109	Elementary Statistics - QR	
BSTA 301	Business Statistics	
CJ 326	Quantitative Analysis - QR	
PAS 408	Research Methods in Pan-African Studies - WR	
HSS 377	Introduction to Statistics in Health and Human Performance	
POLS 390	Contemporary Political Research	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
<i>Social Science Elective in Human Behavior</i> <sup>6</sup>		3
Select one of the following: <sup>8</sup>		
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
ANTH 203	Archaeology of Human History - D2, SBH	
ANTH 309/ WGST 300	Sex, Gender and Culture	
ANTH 310/ PAS 368	Race, Culture, Identity	
CJ 200	Crime and Justice in the United States - SB	
CJ 201	Law Enforcement in the United States - SB	
CJ 202	Corrections in the United States - SB	
GEOG 324	Race and Place	
HIST 321	Black Culture and U.S. Democracy	
HIST 326	History of Childhood in America - D1, SBH, WR	
HSS 364	Women's Health Issues - D1, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	

LALS 317	Social Sciences Special Topics in Latino Studies
PAS 200	Introduction to Pan-African Studies - D1, SB
PAS 301	Social Sciences Special Topics in Pan-African Studies
PSYC 201	Introduction to Psychology - SB
SOC 201	Introduction to Sociology - SB
SOC 202	Social Problems - D1, SB
SOC 203	Introduction to Social Psychology - SB
SOC 210	Race in the United States - SB, D1
SOC 305	Urban Sociology
SOC 325	Sociology of Human Sexuality
SOC 327/ WGST 313	Sociology of Gender
WGST 201	Women In American Culture - D1, AH
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies

*Natural Sciences Elective in Human Behavior, Development, Environment, or Health*<sup>6</sup>

Select one of the following:<sup>9</sup>

ANTH 306	Human Biological Variation
BIOL 102	Biology: Current Issues and Applications - S
BIOL 240	Unity of Life - S
BIOL 242	Diversity of Life - S
BIOL 260	Human Anatomy & Physiology I
CHEM 101	Introduction to Chemistry - S
CHEM 105	Chemistry for Health Professionals - S
CHEM 201	General Chemistry I - S
GEOS 200	The Global Environment - S
GEOS 220	Introduction to Weather and Climate - S
GEOS 360	Global Environmental Change
GEOS 363	Climate Science
HSS 202	Human Anatomy & Physiology
HSS 302	Nutrition in Healthy Living
HSS 303	Human Nutrition
PHYS 107	Elementary Astronomy - S
PHYS 111	Elements of Physics - B
PSYC 344	Physiological Psychology
SW 203	Human Biology for Social Sciences

Social Science electives (other than Communication)<sup>6</sup> 9

Minimum Electives<sup>10</sup> 9-11

**Minimum Total Hours 27-29**

Only 60 hours in the major department may be applied toward the Bachelor of Science degree. COMM 111, COMM 112, and COMM 115 are not counted in computing the 60 hours for a Communication major.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
COMM 402	Independent Research in Communication - CUE	
COMM 413	Environmental Communication - CUE	
COMM 417	Senior Communication Internship - CUE	

COMM 427	Case Studies in Communication - CUE
COMM 429	Documentary Production - CUE
COMM 430	Health Communication - WR, CUE
COMM 436	Health Communication Campaign Planning - WR, CUE
COMM 437	Mass Media and Close Relationships - CUE
COMM 445	Strategic Communication Campaigns - CUE
COMM 450	Advanced Intercultural Communication - CUE, WR
COMM 464	Special Topics in Communication - CUE
COMM 465	Special Topics in Communication Service Learning - CUE
COMM 481	Senior Practicum - CUE
COMM 498	Senior Thesis - CUE, WR
COMM 505	Perspectives on Religion and Media - WR, CUE
COMM 506	Ethical Problems in Communication - CUE, WR
COMM 512	Rhetoric from Aristotle to #Twitter - CUE, WR
COMM 565	Special Topics in Communication Service Learning - CUE

- 1 Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- 2 In addition to courses counted toward General Education
- 3 May be incorporated into other degree requirements. Candidates for the BS will complete three (3) WR courses, the two required by the College and one of the following: COMM 320, COMM 323, or COMM 344.
- 4 Fulfills General Education requirement
- 5 Excluding COMM 417.
- 6 In addition to courses counted toward General Education.
- 7 Or another statistics elective approved by an advisor
- 8 Or another Social Science elective approved by an advisor
- 9 Or another Natural Sciences elective approved by an advisor
- 10 Some credit hours from the General Education Requirements may be satisfied by courses that also satisfy program requirements, in which case additional electives will be required to complete the minimum hours for the degree.
- 11 The course taken to satisfy this BS major requirement may not be used to satisfy the College WR requirement. Students in the BS degree program must complete three (3) WR courses.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 1		3-4
<b>Hours</b>		<b>13-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
COMM 111 or COMM 112 or COMM 115	Introduction to Public Speaking - OC or Business and Professional Speaking - OC or Interpersonal Skills - OC	3
COMM 201	Introduction to Communication - SB	3

General Education: Cardinal Core Natural Sciences - S	3
Foreign Language 2	3-4
<b>Hours</b>	<b>15-16</b>
<b>Year 2</b>	
<b>Fall</b>	
COMM 305 Introduction to Mass Communication	3
General Education: Cardinal Core Social & Behavioral Sciences - SB	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
General Education: Cardinal Core Natural Sciences - S	3
General Education: Cardinal Core Natural Sciences Lab - SL	1
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
COMM 302 Advanced Speech Communication or COMM 319 or Debate	3
COMM 304 Argument In Everyday Life	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
Statistics/Quantitative Methods Elective	3
Humanities or Natural Science WR Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
COMM 303 Introduction to Communication Technologies	3
COMM 315 Introduction to Interpersonal Communication	3
Humanities or Natural Science Elective (300 level or above)	3
Social Science Elective in Human Behavior	3
Social Science Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
COMM 316 Research Methods	3
Communication Elective (200 level or above)	3
Communication Elective (300 level or above)	3
Social Science Elective	3
Natural Science Elective in Human Behavior, Development, Environment, or Health	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Select one of the following:	3
COMM 320 Newswriting - WR	
COMM 323 Magazine and Feature Writing - WR	
COMM 344 Strategic Communication Writing - WR	
Communication WR Elective (400 level or above)	3
Communication Elective (300 level or above)	3
Communication Elective (300 level or above)	3
Social Science Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
COMM 417 Senior Communication Internship - CUE	3
Communication Elective (300 level or above)	3
Communication Elective (400 level or above)	3
General Elective	3
General Elective	3
General Elective (if needed)	3
<b>Hours</b>	<b>17</b>
<b>Minimum Total Hours</b>	<b>121-124</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Business Administration in Computer Information Systems (BSBA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Business Administration in Computer Information Systems

Unit: Business (BU) (<http://business.louisville.edu/>)

Department: Computer Information Systems (<http://business.louisville.edu/cis/>)

Academic Plan Code(s): See Track Requirements tab.

## Program Information

The primary mission of the degree program of the Computer Information Systems Department is to prepare the students to become the information technology professionals of the future for Louisville and the immediate region with curriculum that reflects the state of the art in information technology theory and practice.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

6 hours of General Education requirements may be satisfied through coursework required by the degree program	
College/School Requirements <sup>1,2</sup>	53
Program/Major Requirements	21
Supporting Courses	6
Track Requirements <sup>3</sup>	15
<b>Minimum Total Hours</b>	<b>120</b>

<sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.

<sup>2</sup> College/School Requirements total includes 6 hours of required courses that also cover General Education requirements.

<sup>3</sup> Program/major requirements include 15 hours in the track.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BSBA in Computer Information Systems.

### Current Students - Admission in Good Standing

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31

The following courses are required by the program and can satisfy the respective General Education Requirement:

MATH 180	Elements of Calculus - QR or MATH 205 Calculus I - QR	
ECON 201	Principles of Microeconomics - SB or ECON 202 Principles of Macroeconomics - SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 180	Elements of Calculus - QR <sup>2,3</sup>	3

or MATH 205	Calculus I - QR	
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BUS 301	Business Communication	3
BUS 201	Career Development	1
ACCT 201	Principles of Financial Accounting	6
& ACCT 202	Principles of Managerial Accounting	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>4</sup>	
BSTA 301	Business Statistics	3
CIS 205	Information Systems in Organizations	3
General Electives		6
<b>Business Breadth</b>		
FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
CLAW 301	Legal Environment of Business	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 401	Operations Management	3
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 General Education hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Computer Information Systems Core</b>		
CIS 150	Fundamentals of Information Systems	3
CIS 199	Software Development I	3
CIS 310	Database Design	3
CIS 320	Systems Analysis and Design	3
CIS 350	Infrastructure Technologies	3
CIS 410	Management of Information Systems - CUE	3
CIS 420	CIS Development Project	3

**Minimum Total Hours** 21

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives		6

Code	Title	Hours
<b>Track Requirements (See Track Requirements Tab)</b>		<b>15</b>

Transfer students must take a minimum of 12 credit hours in their major within the College of Business.

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

All course prerequisites must be met.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
CIS 410	Management of Information Systems - CUE	

- <sup>1</sup> College/School Requirements include six hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). A course that satisfies the General Education Oral Communication requirement (COMM 111, COMM 112 or HON 214) is required as prerequisite for BUS 301, but not included in the program requirements. Students who select PHIL 222 to satisfy the Ethics requirement will also satisfy 3 hours of the Arts & humanities requirement, and may require additional electives to complete the hours required for the degree.
- <sup>2</sup> If MATH 205 is taken, there will be 4 total hours of math, which may reduce the number of elective hours required to complete the degree.
- <sup>3</sup> Completes Quantitative Reasoning General Education requirement
- <sup>4</sup> Completes 3 hours of Social & Behavioral Sciences General Education requirement.
- <sup>5</sup> The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326
- <sup>6</sup> Co-operative Education is a curriculum requirement for six (6) months full time employment for six (6) hours of credit. Pass/Fail credit is given for approved COB co-op work experiences CIS 397 and CIS 398).

## Track for the BSBA in Computer Information Systems

### Track in Business Process Management

Academic Plan Code(s): CIS\_BSBPBM

Code	Title	Hours
CIS 481	Introduction to Information Security	3
MGMT 404	Project Management	3
CIS Electives (400 level and/or CIS 200)		3
CIS 397 & CIS 398	Co-op in Computer Information Systems I & Co-op in Computer Information Systems II	6
<b>Minimum Total Hours</b>		<b>15</b>

- <sup>1</sup> Co-operative Education is a curriculum requirement for six (6) hours of credit. Pass/Fail credit is given for approved COB co-op work experiences (CIS 397).

### Track in Data Analytics

Academic Plan Code(s): CIS\_BSB DAN

Code	Title	Hours
CIS 443	Analytics Programming	3
CIS 397	Co-op in Computer Information Systems I	3
CIS 444	Data Analytics	3
CIS 445	Machine Learning	3
CIS 450	Special Topics in Data Analytics	3
<b>Minimum Total Hours</b>		<b>15</b>

- <sup>1</sup> Usually taken with CIS 398 for a total of six (6) hours of co-op credit for a six month, full-time work place experience--students may register for CIS 397 and CIS 398 in one or two semesters. Application to the co-op program and completion of orientation processes should be completed prior to employment.

### Track in Information Security

Academic Plan Code(s): CIS\_BSBSEC

Code	Title	Hours
CIS 480	Introduction to Network Security	3
CIS 481	Introduction to Information Security	3
CIS 483	Introduction to Database Security	3
<i>Info Sec Elective:</i>		
CIS 482	Introduction to Cryptography	3
or CIS 484	Computer Forensics	
CIS 397	Co-op in Computer Information Systems I <sup>1</sup>	3
<b>Minimum Total Hours</b>		<b>15</b>

- <sup>1</sup> Co-operative Education is a curriculum requirement for three (3) hours of credit. Pass/Fail credit is given for approved COB co-op work experiences (CIS 397)

### Track in Web Development

Academic Plan Code(s): CIS\_BSBWEB

Code	Title	Hours
CIS 200	Software Development II	3
CIS 411	Web Application Development	3
CIS Elective (400 level)		3
CIS 397 & CIS 398	Co-op in Computer Information Systems I & Co-op in Computer Information Systems II <sup>1</sup>	6
<b>Minimum Total Hours</b>		<b>15</b>

- <sup>1</sup> Co-operative Education is a curriculum requirement for six (6) hours of credit. Pass/Fail credit is given for approved COB co-op work experiences (CIS 397).

## Flight Plan

### Track in Business Process Management

Academic Plan Code(s): CIS\_BSBPBM

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
CIS 205	Information Systems in Organizations	3
ENGL 101	Introduction to College Writing - WC	3
CIS 305	Data Analysis for Decision-Making	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - L		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CIS 150	Fundamentals of Information Systems	3
MATH 180	Elements of Calculus - QR	3
ENGL 102	Intermediate College Writing - WC	3

ECON 202	Principles of Macroeconomics - SB	3
General Education: Cardinal Core Oral Communication		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
BUS 201	Career Development	1
BUS 301	Business Communication	3
CIS 199	Software Development I	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ACCT 201	Principles of Financial Accounting	3
CIS 310	Database Design	3
CIS 350	Infrastructure Technologies	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
ACCT 202	Principles of Managerial Accounting	3
CIS 320	Systems Analysis and Design	3
HIST 101	History of Civilizations I - D2, SBH	3
	or HIST 102 or History of Civilizations II - D2, SBH	
General Education: Cardinal Core Arts & Humanities - AH		3
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CIS 420	CIS Development Project	3
MGMT 301	Management and Organizational Behavior	3
MKT 301	Principles of Marketing	3
BSTA 301	Business Statistics	3
CIS Elective (400 level and/or CIS 200)		3
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
CIS 481	Introduction to Information Security	3
<b>Hours</b>		<b>3</b>
<b>Year 4</b>		
<b>Fall</b>		
FIN 301	Corporate Finance	3
CLAW 301	Legal Environment of Business	3
MGMT 404	Project Management	3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MGMT 401	Operations Management	3
CIS 410	Management of Information Systems - CUE	3
CIS 397	Co-op in Computer Information Systems I	3
CIS 398	Co-op in Computer Information Systems II	3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>120</b>

## Track in Information Security

Academic Plan Code(s): CIS\_BSBSEC

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
CIS 205	Information Systems in Organizations	3
ENGL 101	Introduction to College Writing - WC	3
CIS 305	Data Analysis for Decision-Making	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CIS 150	Fundamentals of Information Systems	3
MATH 180	Elements of Calculus - QR	3
ENGL 102	Intermediate College Writing - WC	3
ECON 202	Principles of Macroeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
BUS 201	Career Development	1
BUS 301	Business Communication	3
CIS 199	Software Development I	3
BSTA 301	Business Statistics	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
CIS 310	Database Design	3
CIS 350	Infrastructure Technologies	3
ECON 201	Principles of Microeconomics - SB	3
ACCT 201	Principles of Financial Accounting	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
CIS 320	Systems Analysis and Design	3
ACCT 202	Principles of Managerial Accounting	3
HIST 101	History of Civilizations I - D2, SBH	3
	or HIST 102 or History of Civilizations II - D2, SBH	
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CIS 420	CIS Development Project	3
MGMT 301	Management and Organizational Behavior	3
MKT 301	Principles of Marketing	3
CLAW 301	Legal Environment of Business	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
CIS 481	Introduction to Information Security	3
<b>Hours</b>		<b>3</b>
<b>Year 4</b>		
<b>Fall</b>		
FIN 301	Corporate Finance	3
CIS 480	Introduction to Network Security	3
CIS 397	Co-op in Computer Information Systems I	3
General Elective		3

General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CIS 410	Management of Information Systems - CUE	3
CIS 484	Computer Forensics	3
or CIS 482	or Introduction to Cryptography	
CIS 483	Introduction to Database Security	3
MGMT 401	Operations Management	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

## Track in Web Development

Academic Plan Code(s): CIS\_BSBWEB

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
CIS 205	Information Systems in Organizations	3
CIS 150	Fundamentals of Information Systems	3
ENGL 101	Introduction to College Writing - WC	3
CIS 305	Data Analysis for Decision-Making	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CIS 199	Software Development I	3
MATH 180	Elements of Calculus - QR	3
ENGL 102	Intermediate College Writing - WC	3
ECON 202	Principles of Macroeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
BUS 201	Career Development	1
BUS 301	Business Communication	3
CIS 200	Software Development II	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
BSTA 301	Business Statistics	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
ECON 201	Principles of Microeconomics - SB	3
ACCT 201	Principles of Financial Accounting	3
CIS 310	Database Design	3
CIS 350	Infrastructure Technologies	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
CIS 320	Systems Analysis and Design	3
ACCT 202	Principles of Managerial Accounting	3
HIST 101	History of Civilizations I - D2, SBH	3
or HIST 102	or History of Civilizations II - D2, SBH	
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
<b>Hours</b>		<b>16</b>

### Spring

CIS 420	CIS Development Project	3
CIS 411	Web Application Development	3
MGMT 301	Management and Organizational Behavior	3
MKT 301	Principles of Marketing	3
General Elective		3

### Hours

15

### Year 4

#### Fall

CIS 397	Co-op in Computer Information Systems I	3
FIN 301	Corporate Finance	3
CLAW 301	Legal Environment of Business	3
CIS Elective (400 level)		3
General Elective		3

### Hours

15

### Spring

CIS 410	Management of Information Systems - CUE	3
CIS 398	Co-op in Computer Information Systems II	3
MGMT 401	Operations Management	3
General Elective		3
General Elective		3

### Hours

15

### Minimum Total Hours

120

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

## Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Computer Science (BA)



This program was approved for students entering the university in the Fall 2021 semester.

### Bachelor of Arts in Computer Science

Unit: Speed School of Engineering (SS) (<https://engineering.louisville.edu/>)

Department: Computer Science and Engineering (<http://engineering.louisville.edu/computer/>)

Academic Plan Code(s): CS BA

### Program Information

The Bachelor of Arts in Computer Science provides students with a solid foundation and skills in computer science while allowing students to choose other areas of studies that are not necessarily tied to sciences or engineering applications of computer science.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(12 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1</sup>	12
	Program/Major Requirements	60
	Supporting Courses	30
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree in the **minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education Requirements will require additional hours to complete the degree program.

### General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

The following courses are required by the program to satisfy the respective General Education Requirement(s):

COMM 111	Introduction to Public Speaking - OC or COMM 112 Business and Professional Speaking - OC
ENGL 101	Introduction to College Writing - WC <sup>3</sup>
ENGL 102	Intermediate College Writing - WC <sup>3</sup>
MATH 180	Elements of Calculus - QR

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

### College/School Requirements

Code	Title	Hours
<b>Speed School Core</b>		
COMM 111	Introduction to Public Speaking - OC <sup>2</sup> or COMM 112 Business and Professional Speaking - OC	3
ENGL 101	Introduction to College Writing - WC <sup>2,3</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>2,3</sup>	3
MATH 180	Elements of Calculus - QR <sup>2</sup>	3
<b>Minimum Total Hours</b>		<b>12</b>

### Program/Major Requirements

Code	Title	Hours
<b>Computer Science Requirements</b>		
CSE 101	Bachelor of Arts in Computer Science Campus Culture Experience	1
CSE 120	Introduction to Programming with Python	3
CSE 110	Mathematical Foundations for Computer Science	3
CSE 130	Introduction to Programming Languages	3
CSE 220	Object Oriented Program Design with Java	3
CSE 235	Computer Systems and Organization	3
CSE 302	Data Structures	3
CSE 310	Discrete Structures	3
CSE 335	Introduction to Database	3
CSE 298	Internship Education Seminar (BACS)	0
CSE 299	Internship I	1
CSE 350	Introduction to Software Engineering	3
CSE 419	Introduction to Algorithms	3
CSE 420	Design of Operating Systems	3
CSE 399	Internship II	1
CSE 470: Mobile Device Programming		3
CSE 496	BACS Capstone Design - CUE	3
CSE Electives (see below) <sup>4</sup>		12
CSE Electives <sup>4</sup> or Other Area of Study Electives		6
<b>Minimum Total Hours</b>		<b>60</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	Other Area of Study (Minor Preferred)	30
<b>Minimum Total Hours</b>		<b>30</b>

Candidates for the Bachelor of Arts degree must be in good standing (university GPA  $\geq$  2.25) and must attain a grade point average of at least 2.25 for all courses used to satisfy degree requirements.

At least 52 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
CSE 496	BACS Capstone Design - CUE	3
<b>Computer Science Electives</b>		
CSE 504	Automata Theory	3
CSE 516	Fundamentals of Computer Communications and Networks	3
CSE 522	Performance Evaluation of Computer Systems	3
CSE 528	Game Design and Programming	3
CSE 530	Design of Compilers	3
CSE 535	Database Systems	3
CSE 545	Artificial Intelligence	3
CSE 550	Software Engineering	3
CSE 564	Introduction to Cryptography	3
CSE 566	Information Security	3
CSE 568	Computer Forensics	3
CSE 590	Special Topics in Computer Science and Engineering	1-6
CSE 593	Independent Study in Computer Science and Engineering	1-6

- <sup>1</sup> To complete the degree in the minimum number of hours listed, some hours from the General Education Requirement must satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education Requirements will require additional hours to complete the degree requirements.
- <sup>2</sup> This course is a General Education requirement for the program; see louisville.edu/provost/ger/ (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements.
- <sup>3</sup> Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.
- <sup>4</sup> The CSE Electives must be chosen from the approved list (above) or with departmental consent for additional CSE 5XX or 6XX courses.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
General Education Requirement		3
ENGL 101	Introduction to College Writing - WC	3
CSE 120	Introduction to Programming with Python	3
MATH 180	Elements of Calculus - QR	3
CSE 101	Bachelor of Arts in Computer Science Campus Culture Experience	1

Other Areas of Studies		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
CSE 110	Mathematical Foundations for Computer Science	3
CSE 130	Introduction to Programming Languages	3
General Education Requirement		4
Other Areas of Studies		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
CSE 220	Object Oriented Program Design with Java	3
CSE 235	Computer Systems and Organization	3
Other Areas of Studies		3
Other Areas of Studies		3
General Education Requirement		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CSE 302	Data Structures	3
CSE 310	Discrete Structures	3
CSE 335	Introduction to Database	3
CSE 298	Internship Education Seminar (BACS)	0
COMM 111 or COMM 112	Introduction to Public Speaking - OC or Business and Professional Speaking - OC	3
<b>Hours</b>		<b>12</b>
<b>Summer</b>		
CSE 299	Internship I	1
<b>Hours</b>		<b>1</b>
<b>Year 3</b>		
<b>Fall</b>		
CSE 350	Introduction to Software Engineering	3
CSE 419	Introduction to Algorithms	3
Other Areas of Studies		3
Other Areas of Studies		3
General Education Requirement		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CSE 420	Design of Operating Systems	3
CSE Elective		3
CSE 470: Mobile Device Programming		3
Other Areas of Studies		3
Other Areas of Studies		3
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
CSE 399	Internship II	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
CSE Elective		3
CSE Elective or Other Area of Studies		3
Other Area of Studies		3
General Education Requirement		3
CSE Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CSE Elective		3
CSE Elective or Other Area of Studies		3
CSE 496	BACS Capstone Design - CUE	3
General Education Requirement		3

Other Area of Studies	3
Hours	15
<b>Minimum Total Hours</b>	<b>121</b>

## Computer Science and Engineering (BS)

This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Computer Science and Engineering

Unit: Speed School of Engineering (SS) (<https://engineering.louisville.edu>)

Department: Computer Science and Engineering (<http://engineering.louisville.edu/computer/>)

Academic Plan Code(s): GECSBCC

## Program Information

The Bachelor of Science in Computer Science and Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) and Computing Accreditation Commission (CAC) of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>). The Master of Engineering in Computer Science and Engineering degree program is accredited by the Engineering Accreditation Commission of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(19 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1</sup>	35
	Program/Major Requirements	59
	Supporting Courses	17
	<b>Minimum Total Hours</b>	<b>123</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree in the **minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and satisfy the respective General Education Requirement(s):		
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
COMM 111	Introduction to Public Speaking - OC	

	or COMM 112 Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC <sup>3</sup>	
ENGL 102	Intermediate College Writing - WC	
ENGR 101	Engineering Analysis I - QR	
PHYS 298	Introductory Mechanics, Heat and Sound - S	

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
<b>Speed School Core</b>		
CHEM 201	General Chemistry I - S <sup>2</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>2</sup>	1
COMM 111	Introduction to Public Speaking - OC <sup>2</sup>	3
	or COMM 112 Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC <sup>2,3</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>2,3</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>2</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>2</sup>	4
	<b>Minimum Total Hours</b>	<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Computer Science and Engineering Department Requirements</b>		
CSE 220	Object Oriented Program Design with Java	3
CSE 288	Computer Engineering and Computer Science Cooperative Education Seminar	0
CSE 289	Computer Science and Engineering Cooperative Education I	1
CSE 302	Data Structures	3
CSE 310	Discrete Structures	3
CSE 311	Ethics, Social, and Legal Aspects on the Electronic Frontier	3
CSE 335	Introduction to Database	3
CSE 350	Introduction to Software Engineering	3
CSE 389	Computer Science and Engineering Cooperative Education II	1
CSE 412	Introduction to Embedded Systems	3
CSE 419	Introduction to Algorithms	3
CSE 420	Design of Operating Systems	3
CSE 489	Computer Engineering and Computer Science Cooperative Education III	1
CSE 504	Automata Theory	3
CSE 516	Fundamentals of Computer Communications and Networks	3

CSE 525	Microcomputer Design	4
CSE 596	CSE Capstone Design - CUE	3
CSE Electives (see below) <sup>4</sup>		12

**Computer Science and Engineering Core**

CSE 130	Introduction to Programming Languages	3
PHYS 295	Introductory Laboratories I - SL	1

**Minimum Total Hours 59**

**Code Title Hours**

**Supporting Courses**

ECE 210	Logic Design	3
ECE 211	Logic Design Laboratory	1
ECE 252	Introduction to Electrical Engineering	3
IE 360	Probability and Statistics for Engineers	3
PHYS 296	Introductory Laboratories II - SL	1
PHYS 299	Introductory Electricity, Magnetism and Light	4
ENGR 330	Linear Algebra for Engineering	2

**Minimum Total Hours 17**

Candidates for the Bachelor of Science degree must be in good standing (university GPA ≥ 2.25) and must attain a grade point average of at least 2.25 for all courses used to satisfy degree requirements.

**Code Title Hours**

**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:		
CSE 596	CSE Capstone Design - CUE	3

**Code Title Hours**

**Computer Science and Engineering Electives**

CSE 522	Performance Evaluation of Computer Systems	3
CSE 528	Game Design and Programming	3
CSE 530	Design of Compilers	3
CSE 535	Database Systems	3
CSE 542	Computer Control and Real Time Programming	3
CSE 545	Artificial Intelligence	3
CSE 550	Software Engineering	3
CSE 564	Introduction to Cryptography	3
CSE 566	Information Security	3
CSE 568	Computer Forensics	3
CSE 570		
CSE 590	Special Topics in Computer Science and Engineering	1-6
CSE 593	Independent Study in Computer Science and Engineering	1-6

<sup>1</sup> To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.

<sup>2</sup> This course is a General Education requirement for the program; see louisville.edu/provost/ger/ (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements.

<sup>3</sup> Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.

<sup>4</sup> The CSE Electives must be chosen from the approved list (above) or with departmental consent for additional CSE 5XX or 6XX courses.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
ENGL 101	Introduction to College Writing - WC	3
ENGR 101	Engineering Analysis I - QR	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CSE 130	Introduction to Programming Languages	3
ENGL 102	Intermediate College Writing - WC	3
ENGR 102	Engineering Analysis II	4
ENGR 111	Engineering Methods, Tools and Practice II	2
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>17</b>
<b>Summer</b>		
CSE 220	Object Oriented Program Design with Java	3
ENGR 201	Engineering Analysis III	4
PHYS 296	Introductory Laboratories II - SL	1
PHYS 299	Introductory Electricity, Magnetism and Light	4
<b>Hours</b>		<b>12</b>
<b>Year 2</b>		
<b>Fall</b>		
CSE 288	Computer Engineering and Computer Science Cooperative Education Seminar	0
CSE 302	Data Structures	3
ECE 210	Logic Design	3
ECE 211	Logic Design Laboratory	1
CSE 335	Introduction to Database	3
ENGR 205	Differential Equations for Engineering	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CSE 289	Computer Science and Engineering Cooperative Education I	1
<b>Hours</b>		<b>1</b>
<b>Summer</b>		
CSE 310	Discrete Structures	3
COMM 111	Introduction to Public Speaking - OC	3
or COMM 112	or Business and Professional Speaking - OC	
CSE 350	Introduction to Software Engineering	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>12</b>

Year 3		
<b>Fall</b>		
CSE 389	Computer Science and Engineering Cooperative Education II	1
<b>Hours</b>		<b>1</b>
<b>Spring</b>		
CSE 311	Ethics, Social, and Legal Aspects on the Electronic Frontier	3
CSE 412 or ECE 412	Introduction to Embedded Systems or Introduction to Embedded Systems	3
CSE 419	Introduction to Algorithms	3
ENGR 330	Linear Algebra for Engineering	2
IE 360	Probability and Statistics for Engineers	3
ECE 252	Introduction to Electrical Engineering	3
<b>Hours</b>		<b>17</b>
<b>Summer</b>		
CSE 489	Computer Engineering and Computer Science Cooperative Education III	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
CSE 420	Design of Operating Systems	3
CSE 504	Automata Theory	3
CSE 525	Microcomputer Design	4
CSE Elective		3
CSE Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CSE 516	Fundamentals of Computer Communications and Networks	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
CSE Elective		3
CSE Elective		3
CSE 596	CSE Capstone Design - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Computer Science and Engineering (CECSBCC) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Criminal Justice (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Criminal Justice

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Criminal Justice (<http://louisville.edu/justice/>)  
Academic Plan Code(s): JA\_ \_BS, JA\_ \_BS\_0

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-criminal-justice/>).*

The Bachelor of Science in Criminal Justice program is designed to prepare students for a career in the criminal justice system or for further education through a graduate program. Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15

Program/Major Requirements <sup>1</sup>	54
Supporting Courses	21-23
<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

### Accelerated BS-MS in Criminal Justice

Criminal Justice majors who are considering pursuing a master's degree (MS) in Criminal Justice can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BS-MS program take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students should apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Applicants must have at least a 3.0 GPA at the time of application.

The accelerated program is not available for completion by online-only students.

### Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The application for major form can be found on the A&S Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

### Accelerated BS-MS in Criminal Justice

Students apply during the first or second semester of their Junior year (usually when they have earned between 60-75 hours), and must have a 3.0 GPA at the time of application.

Applicants must submit the following to the Department of Criminal Justice:

- An application to the Accelerated MS CJ degree program, available in the Department of Criminal Justice, Brigman Hall 205 or online at: [louisville.edu/justice](http://louisville.edu/justice) (<http://louisville.edu/justice/>)
- Two (2) letters of recommendation from individuals who can speak to the applicant's academic capabilities
- An original essay identifying the applicant's background, professional interest and goals and the applicant's motivation and potential for graduate work.

Upon approval, the successful applicant will be required to submit an application to the Graduate School (<http://louisville.edu/graduate/futurestudents/apply-materials/application/>).

### General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) *	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

CJ 200	Crime and Justice in the United States - SB (or CJ 201 or CJ 202)
CJ 326	Quantitative Analysis - QR

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

### College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	6-8
	Electives in Humanities or Natural Sciences at 300 level or above <sup>2</sup>	6
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>13-15</b>

### Program/Major Requirements

Code	Title	Hours
<b>Department of Criminal Justice - Required Core Courses</b>		
CJ 200	Crime and Justice in the United States - SB <sup>4</sup>	3
CJ 201	Law Enforcement in the United States - SB <sup>4</sup>	3
CJ 202	Corrections in the United States - SB <sup>4</sup>	3
CJ 305	Criminal Behavior	3
CJ 306	Criminal Procedure	3
CJ 325	Research Design	3
CJ 326	Quantitative Analysis - QR <sup>4</sup>	3
CJ 360	Juvenile Justice	3
CJ 395	Criminal Law and Evidence	3
CJ 485	Seminar in Criminal Justice - CUE, WR <sup>5</sup>	3
<b>Minimum Total Hours</b>		<b>30</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	Criminal Justice Electives (see approved list below) <sup>6</sup>	24
	Minimum Free Electives <sup>7</sup>	21-23
<b>Minimum Total Hours for Graduation</b>		<b>121</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
CJ 485	Seminar in Criminal Justice - CUE, WR <sup>5</sup>	

Students must have a minimum of 50 hours at the 300 level or above.

Code	Title	Hours
<b>Approved Criminal Justice Electives</b>		
<i>A minimum 15 hours must be in Criminal Justice</i>		
CJ 300	Career Development and Cultural Intelligence - SB, D1	

CJ 301	Introduction to Computer Forensics and the Analysis of Digital Media	CJ 576	Managing Organizational Performance
CJ 335	Court Administration	CJ 578	Criminal Justice Leadership - WR
CJ 352	Sex Crimes	CJ 580	International Service Learning: Criminal Justice Seminar
CJ 354	Crime and the Media	CJ 596	Seminar in Criminal Justice
CJ 355	Criminalistics	CJ 597	Ethics in Criminal Justice - WR
CJ 356	Crime Prevention	<b>Approved Program Related Electives</b>	
CJ 358	Private Security Management	<i>Students may supplement the required 15 hours of CJ electives with 9 additional hours from the CJ list above or from the list below.</i>	
CJ 365	Community Corrections	ANTH 309	Sex, Gender and Culture
CJ 366	Introduction to Internet and Network Investigations	ANTH 310	Race, Culture, Identity
CJ 370	Police Administration	ANTH 327	The Human Skeleton
CJ 375	Social and Restorative Justice	ANTH 334	Conflict, Law, and Culture
CJ 390	Criminal Court Procedures	ANTH 337	Nationalism, Violence, and the State
CJ 400	Legal Issues in Corrections	ANTH 340	Human Rights
CJ 403	Prisons and Jails in the United States	ANTH 410	Skeletal Forensics
CJ 405	Crimes Against the Elderly	COMM 304	Argument In Everyday Life
CJ 406	Crime Victims and Victimization	COMM 311	Persuasion
CJ 415	Substance Abuse, Crime and Criminal Justice	COMM 312	Group Process
CJ 420	Computer Applications in Criminal Justice	COMM 313	Organizational Communication
CJ 421	Organized Crime	COMM 315	Introduction to Interpersonal Communication
CJ 425	Profiling Violent Crimes	COMM 320	Newswriting - WR
CJ 426	Violence in the United States: The Criminal Justice Response	COMM 324	Communication and Gender
CJ 430	Environmental Crime	COMM 327	Mass Media Processes and Effects
CJ 435	Comparative Criminal Justice Systems - WR	COMM 328	Introduction to Urban Communication
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	COMM 350	Introduction to Intercultural Communication - D2, SB
CJ 445	Computer and Electronic Crime	COMM 411	Mass Communication Law
CJ 450	Internship	COMM 432	Advanced Organizational Communication - WR
CJ 460	Correctional Treatment and Rehabilitation	GEOG 327	Economic Geography
CJ 471	Police Administration	GEOG 328	Urban Geography
CJ 473	Legal Issues in Police Administration	GEOG 331	Population Geography
CJ 477	Organizational Behavior in Law Enforcement	GEOG 350	Introduction to Mapping and Geospatial Technologies
CJ 493	Police and the Community	GEOG 356	Introduction to Spatial Statistics
CJ 495	Independent Study/Directed Readings	GEOG 361	Sustainable Human Environments - WR
CJ 496	Special Topics in Criminal Justice	GEOG 367	Applications Development for GIS
CJ 497	Honors Seminar	Honors approved social science seminars	
CJ 498	Honors Seminar - WR	PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System
CJ 499	Honors Thesis - WR	PAS 313	Urban Ritual Violence
CJ 500	Crime and Criminal Justice in the Cinema	PAS 322	The History of the Civil Rights Movement, 1900 to Present
CJ 505	International Terrorism	PAS 324	Politics, Political Violence and Black Resistance
CJ 509	Crime Analysis	PAS 325	Politics of Black Male Identity in Post-Modern America
CJ 510	Managing Conflict, Change and Justice	PAS 326	Black Political Thought: Africa to Afrocentricity
CJ 516	Juvenile Justice Issues	PAS 327	Politics of the Black Community - SB, D1
CJ 517	Gangs in America	PAS 338	Race and Economics
CJ 519	Domestic and Family Violence	PAS 362	Civil Rights and the Law I
CJ 520	Capital Punishment - WR	PAS 363	Civil Rights and the Law II
CJ 521	White Collar Crime - WR	PAS 364	Racism and Sexism - SB, D1
CJ 522	Serial & Mass Murder	PAS 374	The Black Power Movement
CJ 523	Race and Gender Issues in Criminal Justice - WR		
CJ 530	Intro to Homeland Security		
CJ 531	Covert Operations in Policing		

PEAC 325	Peace, Justice & Conflict Transformation
PEAC 350	Mediation & Conflict Transformation
PEAC 525	Peace, Justice & Conflict Transformation
PEAC 545	Basic Mediation & Conflict Transformation
PEAC 550	Service Learning in Peacebuilding
POLS 302	Urban Political Economy
POLS 304	Comparative Urban Politics
POLS 305	Urban Politics
POLS 306	State Government
POLS 312	Constitutional Law
POLS 313	Constitutional Law
POLS 314	Judicial Politics
POLS 315	Race, Law and Politics - SB, D1
POLS 316	Gender, Sexuality & Law
POLS 320	Civil Rights and the Law II
POLS 325	Public Administration
POLS 326	Public Policy - SB
POLS 327	African-American Politics - D1, SB
POLS 332	International Law - WR
POLS 333	American Foreign Policy
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.
POLS 338	National and International Security: Issues and Policies
POLS 339	Terrorism
PSYC 305	Brain and Behavior
PSYC 306	Life Span Developmental Psychology
PSYC 308	Abnormal Psychology
PSYC 310	Psychology of Diversity
PSYC 312	Social Psychology
PSYC 315	Personality
PSYC 342	Drugs and Behavior
PSYC 366	Multicultural Psychology - WR
PSYC 383	Forensic Psychology
SCHG 302	Topics in Social Change: Social Sciences
SCHG 303	Topics in Social Change: Social Sciences - WR
SCHG 305	Hip-Hop and Social Movements - WR
SCHG 323	Modern American Social Movements
SCHG 333	Globalizing Inequalities - WR
SCHG 375	Social and Restorative Justice
SCHG 399	Lectures in Social Change
SCHG 401	Social Change Community Internship
SCHG 453	Social Change
SCHG 502	Advanced Topics in Social Change: Social Sciences
SCHG 503	Advanced Topics in Social Change: Social Sciences - WR
SCHG 510	Managing Conflict, Change and Justice
SCHG 513	U.S. Social Justice Movements
SCHG 538	Critical Social Theory
SOC 305	Urban Sociology
SOC 320	Social Theory - WR
SOC 323	Diversity and Inequality

SOC 329	Sociology of Families
SOC 334	Sociology of Deviant Behavior
SOC 337	Motherhood and the Law
SOC 339	Black Women and the Criminology System
SOC 340	Mental Health and Illness
SOC 416	Sexual Assault and the Legal System
SOC 418	Domestic Violence
WGST 300	Sex, Gender and Culture
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies
WGST 316	Gender, Sexuality & Law
WGST 337	Motherhood and the Law
WGST 347	Racism and Sexism - SB, D1
WGST 416	Sexual Assault and the Legal System
WGST 418	Domestic Violence
WGST 513	U.S. Social Justice Movements

- 1 Completion of the second semester of a single foreign language; hours will vary depending on language taken
- 2 In addition to courses counted toward General Education
- 3 May be incorporated into other degree requirements
- 4 Fulfills General Education requirement.
- 5 Fulfills 3 hours of the 6 hour 300+ WR requirement.
- 6 Criminal Justice electives must be from approved departmental list at the 300 level or above. A minimum of 15 hours must be in Criminal Justice, but may not exceed 30 hours
- 7 Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
CJ 200	Crime and Justice in the United States - SB	3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language (students who take 3 credits will require additional elective credits)		3-4
General Education: Cardinal Core U.S. Diversity - D1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CJ 201	Law Enforcement in the United States - SB	3
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences with Lab - S & SL or B		4
Foreign Language (students who take 3 credits will require additional elective credits)		3-4
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
CJ 202	Corrections in the United States - SB	3
CJ 305	Criminal Behavior	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3

General Education: Cardinal Core Oral Communication - OC	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
CJ 306 Criminal Procedure	3
CJ 325 Research Design	3
General Education: Cardinal Core Global Diversity - D2	3
General Free Elective	3
300+ Humanities or Natural Science Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
CJ 326 Quantitative Analysis - QR	3
CJ 360 Juvenile Justice	3
Criminal Justice Elective	3
300+ Humanities or Natural Science Elective	3
300+ WR Course	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
CJ 395 Criminal Law and Evidence	3
Criminal Justice Elective	3
Criminal Justice Elective	3
Criminal Justice Elective	3
General Free Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Criminal Justice Elective	3
Criminal Justice or Program Approved Elective	3
Criminal Justice or Program Approved Elective	3
General Free Elective	3
General Free Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
CJ 485 Seminar in Criminal Justice - CUE, WR (WR, CUE)	3
Criminal Justice or Program Approved Elective	3
General Free Elective	3
General Free Elective	3
General Free Elective (if needed)	2
<b>Hours</b>	<b>14</b>
<b>Minimum Total Hours</b>	<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Criminal Justice with a 3+3 Track to Law (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Criminal Justice with a 3+3 Track in Law

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Criminal Justice (<http://louisville.edu/justice/>)

Academic Plan Code(s): JA \_ \_BS\_3+3

## Program Information

The College of Arts & Sciences and the Louis D. Brandeis School of Law have joined forces to create 3+3 Accelerated Law programs that allow eligible students in the College of Arts & Sciences to begin law school in their senior year of undergraduate study. Students substitute undergraduate major and elective requirements with the first 30 hours of law school, earning an undergraduate degree after their first year of law school and a Juris Doctor (JD) degree two years later. Students must have completed three years (6 semesters) of undergraduate course work, including transfer credit and credit earned in summers, prior to enrollment at Brandeis.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15
	Program/Major Requirements <sup>1</sup>	36
	Law School Courses	30
	Free Electives to bring minimum total to 121	11-9
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan, however a 3.5 GPA is recommended by the Brandeis School of Law (see below).

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Admission to Law School

Admission to the 3+3 track does not guarantee admission to the Brandeis School of Law. Students seeking admission to our law school must complete a law school application and satisfy all of Brandeis' admissions requirements, including its median GPA and LSAT expectations.

The law school requires that students seeking admission through the 3+3 program have completed three years of undergraduate course work, including transfer credit and credit earned in summer. It is recommended that students planning to pursue this track have a minimum cumulative GPA of 3.5.

For more information on Brandeis and its admissions requirements, please contact Brandeis School of Law, Office of Admissions (<http://louisville.edu/law/admissions/>). Their office can also arrange for you to visit the law school.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

CJ 200	Crime and Justice in the United States - SB (or CJ 201 or CJ 202)
CJ 326	Quantitative Analysis - QR

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	6-8
	Electives in Humanities or Natural Sciences at 300 level or above <sup>2</sup>	6

WR—two approved courses at the 300 level or above<sup>3</sup>

**Minimum Total Hours** 13-15

## Program/Major Requirements

Code	Title	Hours
<b>Department of Criminal Justice</b>		
<b>24</b>		
CJ 200	Crime and Justice in the United States - SB <sup>4</sup>	
CJ 201	Law Enforcement in the United States - SB <sup>4</sup>	
CJ 202	Corrections in the United States - SB <sup>4</sup>	
CJ 305	Criminal Behavior	
CJ 325	Research Design	
CJ 326	Quantitative Analysis - QR <sup>4</sup>	
CJ 360	Juvenile Justice	
CJ 485	Seminar in Criminal Justice - CUE, WR <sup>5</sup>	
<b>Criminal Justice electives (See approved list below)<sup>6</sup></b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>36</b>

Code	Title	Hours
<b>Law School Courses</b>		
<b>30</b>		
LAW 802	Torts I	
LAW 803	Torts II	
LAW 804	Contracts I	
LAW 805	Contracts II	
LAW 806	PROPERTY I	
LAW 807	PROPERTY II	
LAW 808	Civil Procedure I	
LAW 810	Criminal Law	
LAW 811	Lawyering Skills I	
LAW 812	Lawyering Skills II	
<b>Minimum Total Hours</b>		<b>30</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Electives		9-11
<b>Minimum Total Hours for Graduation</b>		<b>121</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
CJ 485	Seminar in Criminal Justice - CUE, WR <sup>5</sup>	

Code	Title	Hours
<b>Approved Criminal Justice Electives</b>		
CJ 300	Career Development and Cultural Intelligence - SB, D1	3
CJ 301	Introduction to Computer Forensics and the Analysis of Digital Media	3
CJ 335	Court Administration	3
CJ 352	Sex Crimes	3
CJ 354	Crime and the Media	3
CJ 355	Criminalistics	3
CJ 356	Crime Prevention	3
CJ 358	Private Security Management	3
CJ 365	Community Corrections	3

CJ 366	Introduction to Internet and Network Investigations	3
CJ 370	Police Administration	3
CJ 375	Social and Restorative Justice	3
CJ 390	Criminal Court Procedures	3
CJ 400	Legal Issues in Corrections	3
CJ 403	Prisons and Jails in the United States	3
CJ 405	Crimes Against the Elderly	3
CJ 406	Crime Victims and Victimization	3
CJ 415	Substance Abuse, Crime and Criminal Justice	3
CJ 420	Computer Applications in Criminal Justice	3
CJ 421	Organized Crime	3
CJ 425	Profiling Violent Crimes	3
CJ 426	Violence in the United States: The Criminal Justice Response	3
CJ 430	Environmental Crime	3
CJ 435	Comparative Criminal Justice Systems - WR <sup>5</sup>	3
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	3
CJ 445	Computer and Electronic Crime	3
CJ 450	Internship	3-6
CJ 460	Correctional Treatment and Rehabilitation	3
CJ 488	Senior Project / Practicum / Moot Court	3
CJ 493	Police and the Community	3
CJ 495	Independent Study/Directed Readings	1-6
CJ 496	Special Topics in Criminal Justice	3
CJ 497	Honors Seminar	3
CJ 498	Honors Seminar - WR	3
CJ 499	Honors Thesis - WR	3
CJ 500	Crime and Criminal Justice in the Cinema	3
CJ 505	International Terrorism	3
CJ 507	Crime Prevention Through Environmental Design	3
CJ 509	Crime Analysis	3
CJ 516	Juvenile Justice Issues	3
CJ 517	Gangs in America	3
CJ 519	Domestic and Family Violence	3
CJ 520	Capital Punishment - WR <sup>5</sup>	3
CJ 521	White Collar Crime - WR <sup>5</sup>	3
CJ 522	Serial & Mass Murder	3
CJ 523	Race and Gender Issues in Criminal Justice - WR <sup>5</sup>	3
CJ 530	Intro to Homeland Security	3
CJ 531	Covert Operations in Policing	3
CJ 578	Criminal Justice Leadership - WR <sup>5</sup>	3
CJ 580	International Service Learning: Criminal Justice Seminar	3
CJ 596	Seminar in Criminal Justice	3
CJ 597	Ethics in Criminal Justice - WR <sup>5</sup>	3

<sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on language taken

<sup>2</sup> In addition to courses counted toward General Education

<sup>3</sup> May be incorporated into other degree requirements

<sup>4</sup> Fulfills General Education requirement.

<sup>5</sup> Fulfills WR requirement.

<sup>6</sup> Criminal Justice electives must be from the approved department list at the 300 level or above.

Students must have a minimum of 50 hours at the 300 level or above and a minimum 121 hours total to graduate.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 1 (students who take 3 credits will require additional elective credits)		3-4
CJ 200	Crime and Justice in the United States - SB	3
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences with Lab - S+SL or B		4
Foreign Language 2 (students who take 3 credits will require additional elective credits)		3-4
CJ 201	Law Enforcement in the United States - SB	3
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
CJ 202	Corrections in the United States - SB	3
CJ 305	Criminal Behavior	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Free Elective or General Education: Cardinal Core U.S. Diversity - D1 (if not completed with another Cardinal Core course)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Free Elective or General Education: Cardinal Core Global Diversity - D2 (if not completed with another Cardinal Core course)		3
Humanities or Natural Science Course (300 level or above)		3
CJ 325	Research Design	3
CJ 360	Juvenile Justice	3
General Free Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
CJ 326	Quantitative Analysis - QR	3
Criminal Justice Elective (300 level or above)		3
Criminal Justice Elective (300 level or above)		3
WR Course (300 level or above)		3
General Free Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CJ 485	Seminar in Criminal Justice - CUE, WR (WR, CUE)	3
Humanities or Natural Science Course (300 level or above)		3
Criminal Justice Elective (300 level or above)		3
Criminal Justice Elective (300 level or above)		3
General Elective (range based on language courses in Year 1)		0-2
<b>Hours</b>		<b>14-12</b>

Year 4		
Fall		
LAW 802	Torts I	3
LAW 804	Contracts I	3
LAW 806	PROPERTY I	3
LAW 810	Criminal Law	3
LAW 811	Lawyering Skills I	3
<b>Hours</b>		<b>15</b>
Spring		
LAW 803	Torts II	3
LAW 805	Contracts II	3
LAW 807	PROPERTY II	3
LAW 808	Civil Procedure I	3
LAW 812	Lawyering Skills II	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121</b>

## Dental Hygiene (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Dental Hygiene

Unit: School of Dentistry (SD) (<http://www.dental.louisville.edu/>)  
Program: Dental Hygiene (<http://louisville.edu/dentistry/degrees/hygiene/>)

Academic Plan Code(s): DHU\_BS

## Program Information

The Bachelor of Science in Dental Hygiene program is a four-year program with Lower and Upper Division requirements. Students complete the lower division requirements on the Belknap campus and then apply for competitive admission to the Dental Hygiene Upper Division, which is housed in the School of Dentistry on the Health Sciences Center Campus.

Because the program is housed within a school of dentistry building, hygiene students learn their skills in an environment that emphasizes their important place in the dental health team.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
(13 hours of General Education requirements may be satisfied through coursework required by the degree program)		
	Lower Division Pre-Professional Curriculum <sup>1</sup>	36

Upper Division Professional Curriculum	66
<b>Minimum Total Hours</b>	<b>120</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree in the **minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission into the Dental Hygiene program is a tiered process: Lower and Upper Divisions. Students apply to the UofL Lower Division to complete general education and program pre-requisite courses on the Belknap Campus. Students apply to the Dental School Upper Division to complete the professional component of the Bachelor of Science Dental Hygiene Degree Program on the HSC Campus in the School of Dentistry.

Admission to the Lower Division does not guarantee admission to the Upper Division. Admission to the Upper Division is competitive.

## University of Louisville Students Changing Majors

Students who have completed at least one semester in another school of the University earning a grade point average of at least 2.8, and have a cumulative grade point average of 2.8 or above for all college coursework may apply to the Lower Division Program in Dental Hygiene.

Please refer to catalog pages containing admissions details for the Dental Hygiene program (p. 25). (p. 25)

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and should be taken to fulfill the respective General Education Requirement:		
CHEM 101	Introduction to Chemistry - S <sup>1</sup>	
	or CHEM 105 Chemistry for Health Professionals - S	
BIOL 102	Biology: Current Issues and Applications - S <sup>1</sup>	
BIOL 104	Laboratory for Biology: Current Issues and Applications - SL <sup>1</sup>	
MATH 105	Quantitative Reasoning - QR	
	or MATH 111 College Algebra - QR	
PSYC 201	Introduction to Psychology - SB	

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

### Dental Hygiene Lower Division Curriculum

Code	Title	Hours
CHEM 101 or CHEM 105	Introduction to Chemistry - S Chemistry for Health Professionals - S	3
BIOL 102	Biology: Current Issues and Applications - S	3
BIOL 104	Laboratory for Biology: Current Issues and Applications - SL	1
MATH 105 or MATH 111	Quantitative Reasoning - QR College Algebra - QR	3
PSYC 201	Introduction to Psychology - SB	3
DHED 101	Dental Hygiene Academic Orientation	1
BIOL 257	Introduction to Microbiology - S <sup>1</sup>	3
BIOL 260	Human Anatomy & Physiology I <sup>1</sup>	3
BIOL 261	Human Anatomy & Physiology II <sup>1</sup>	3
BIOL 262	Human Anatomy & Physiology Lab <sup>1</sup>	1
HSS 303	Human Nutrition <sup>1</sup>	3
Select one of the following Statistics courses:		3
MATH 109	Elementary Statistics - QR	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
Select one of the following Sociology courses:		3
SOC 201	Introduction to Sociology - SB	
SOC 202	Social Problems - D1, SB	
SOC 203	Introduction to Social Psychology - SB	
SOC 210	Race in the United States - SB, D1	
Elective(s) <sup>2</sup>		3
<b>Minimum Total Hours</b>		<b>36</b>

## Program/Major Requirements

### Dental Hygiene Upper Division Curriculum

Course	Title	Hours
<b>Year 3</b>		
<b>Fall</b>		
DHED 301	Dental Hygiene Theory I	3
DHED 302	Dental Hygiene Principles of Practice I	2
DHED 303	Dental Anatomy	2
DHED 304	Radiography	2
DHED 305	Structural Biology of Head and Neck	3
DHED 307	Physical Diagnosis and Medical Management	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
DHED 308	Pre-Clinical Radiography	1
DHED 309	General and Oral Pathology	3
DHED 310	Periodontology	3
DHED 311	Dental Materials	3
DHED 312	Oral Health Education	2
DHED 313	Dental Hygiene Theory II	3
DHED 314	Dental Hygiene Principles of Practice II	3
<b>Hours</b>		<b>18</b>
<b>Summer</b>		
DHED 315	Pain and Anxiety Control	3
DHED 316	Community Dental Health I	2
<b>Hours</b>		<b>5</b>

#### Year 4

<b>Fall</b>		
DHED 402	Pharmacology	3
DHED 403	Evidenced Based Practice	1
DHED 404	Special Needs Patients	2
DHED 405	Advanced Periodontology I	1
DHED 406	Community Dental Health II	2
DHED 407	Advanced Technology and Patient Care Procedures I	2
DHED 408	Dental Hygiene Principles of Practice III	4
DHED 409	Clinical Radiography I	1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
DHED 410	Advanced Radiology	1
DHED 411	Clinical Radiography II	1
DHED 412	Dental Hygiene Principles of Practice IV	4
DHED 413	Advanced Periodontology II	1
DHED 414	Advanced Technology and Patient Care Procedures II	1
DHED 415	Dental Hygiene Ethics and Practice Mangement	2
DHED 417	Dental Hygiene Extramural Education - CUE	2
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>66</b>

Students must earn a letter grade of C or better in all Dental Hygiene Upper Division Clinical and Science courses.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
DHED 417	Dental Hygiene Extramural Education - CUE	

- <sup>1</sup> Students must make a C or above in these courses and must have completed them within 10 years of applying for Upper Division admission. To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements (or decrease the listed electives).
- <sup>2</sup> Ethics course recommended.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
DHED 101	Dental Hygiene Academic Orientation	1
ENGL 101	Introduction to College Writing - WC	3
BIOL 102	Biology: Current Issues and Applications - S	3
BIOL 104	Laboratory for Biology: Current Issues and Applications - SL	1
CHEM 101 or CHEM 105	Introduction to Chemistry - S or Chemistry for Health Professionals - S	3-4
MATH 105 or MATH 111	Quantitative Reasoning - QR or College Algebra - QR	3
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
BIOL 257	Introduction to Microbiology - S	3
PSYC 201	Introduction to Psychology - SB	3
General Education: Cardinal Core Oral Communication - OC		3

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
<b>Hours</b>	<b>15</b>
<b>Year 2</b>	
<b>Fall</b>	
BIOL 260 Human Anatomy & Physiology I	3
MATH 109 Elementary Statistics - QR (QR requirement must be previously satisfied to select PSYC 301 or SOC 301) or PSYC 301 or Statistics for Psychology or SOC 301 or Introduction to Social Statistics	3
HSS 303 Human Nutrition	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
<b>Hours</b>	<b>12</b>
<b>Spring</b>	
BIOL 261 Human Anatomy & Physiology II	3
BIOL 262 Human Anatomy & Physiology Lab	1
General Education: Cardinal Core Arts & Humanities - AH	3
SOC 201 Introduction to Sociology - SB or SOC 202 or Social Problems - D1, SB or SOC 203 or Introduction to Social Psychology - SB or SOC 210 or Race in the United States - SB, D1	3
Elective(s), Ethics course recommended	3
<b>Hours</b>	<b>13</b>
<b>Year 3</b>	
<b>Fall</b>	
DHED 301 Dental Hygiene Theory I	3
DHED 302 Dental Hygiene Principles of Practice I	2
DHED 303 Dental Anatomy	2
DHED 304 Radiography	2
DHED 305 Structural Biology of Head and Neck	3
DHED 307 Physical Diagnosis and Medical Management	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
DHED 308 Pre-Clinical Radiography	1
DHED 309 General and Oral Pathology	3
DHED 310 Periodontology	3
DHED 311 Dental Materials	3
DHED 312 Oral Health Education	2
DHED 313 Dental Hygiene Theory II	3
DHED 314 Dental Hygiene Principles of Practice II	3
<b>Hours</b>	<b>18</b>
<b>Summer</b>	
DHED 315 Pain and Anxiety Control	3
DHED 316 Community Dental Health I	2
<b>Hours</b>	<b>5</b>
<b>Year 4</b>	
<b>Fall</b>	
DHED 402 Pharmacology	3
DHED 403 Evidenced Based Practice	1
DHED 404 Special Needs Patients	2
DHED 405 Advanced Periodontology I	1
DHED 406 Community Dental Health II	2
DHED 407 Advanced Technology and Patient Care Procedures I	2
DHED 408 Dental Hygiene Principles of Practice III	4
DHED 409 Clinical Radiography I	1
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
DHED 410 Advanced Radiology	1
DHED 411 Clinical Radiography II	1
DHED 412 Dental Hygiene Principles of Practice IV	4
DHED 413 Advanced Periodontology II	1
DHED 414 Advanced Technology and Patient Care Procedures II	1
DHED 415 Dental Hygiene Ethics and Practice Mangement	2

DHED 417 Dental Hygiene Extramural Education - CUE	2
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>120-121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

### The Dental Hygiene (DHU\_BS) program

The Program prepares students to meet the requirements for state licensure. If you plan to pursue professional licensure, first determine the state's criteria for examination and licensure to better understand how UofL's program meets those requirements prior to enrollment. We recommend that you also contact the state's licensing board directly to verify that the requirements have not changed and determine if there are additional requirements beyond the degree.

More information about licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Early Elementary Education (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Early Elementary Education

Unit: College of Education and Human Development (ED) (<http://www.louisville.edu/edu/>)

Departments: Special Education, Early Childhood & Prevention Science (SECP) (<http://louisville.edu/education/departments/sped/>) and Elementary, Middle & Secondary Teacher Education (EMSTEd) (<http://louisville.edu/education/departments/mise/>)

Academic Plan Code(s): See Track Requirements tab

## Program Information

The BS in Early Elementary Education is designed to fulfill the requirements for Kentucky certification grades P-5, which includes Kindergarten. Early Elementary Education teachers are responsible for teaching a variety of subjects. Teacher education candidates must be able to demonstrate proficiency in the general areas of English, Mathematics, Science, and Social Sciences as well as the Arts and Humanities.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements <sup>1</sup>	19
	Program/Major Requirements <sup>1</sup>	17
	Track Requirements <sup>1</sup>	64-71
<b>Minimum Total Hours</b>		<b>125</b>

<sup>1</sup> Some courses required in this degree program may satisfy multiple requirements. To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the Bachelor of Science in Early Elementary Education program requires the following:

- Minimum of 45 credit hours (can include hours in-progress during the semester applying)
- Minimum 2.75 or higher overall GPA
- B-minus or better in all EDTP and EDSP courses
- C or better in MATH 151 and MATH 152.
- Minimum test scores as required by the Education Professional Standards Board
- C or better in ENGL 102 (or equivalent) and in Oral Communication course
- Completion of Pre-Professional Courses
- Any other requirements as outlined in Application.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and should be taken to fulfill the respective General Education Requirement:		
EDTP 201	The Teaching Profession - SB	
EDTP 245	Children's Literature - D1, AH	

Please see the Track Requirements tab to determine additional courses that will satisfy both a major and General Education requirement. These courses should be taken to fulfill the respective General Education requirement.

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

The following are not degree requirements, but are required for teacher certification purposes. They are recommended by the program to fulfill General Education Requirements:

- Biology course and lab (S, SL)
- Physical Science course (S)

HIST 104 or HIST 105 are recommended by the program to fulfill the Social & Behavioral Historical Perspective General Education requirement.

## College/School Requirements

Code	Title	Hours
<b>Pre-Professional Courses</b>		
EDTP 101	First-Year Experience	1
EDTP 107	Human Development and Learning	3
EDTP 201	The Teaching Profession - SB <sup>1</sup>	3
EDTP 245	Children's Literature - D1, AH <sup>1</sup>	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3

EDSP 260	Classroom Behavior Management	3
<b>Minimum Total Hours</b>		<b>19</b>

### Mid-Point Assessment Prior to Elementary and Special Education Student Teaching

Completion of all EDTP and EDSP courses with no grade lower than B-; "Pass" in all clinical field work (EDTP 312, EDTP 314, EDTP 323, EDTP 326, EDTP 330, EDSP 346); Electronic documentation of approved field experiences including assessment of dispositions; Completion of all state regulations and additional requirements as identified by the Office of Educator Development and Clinical Practice; Positive recommendation from Educator Certification Committee.

### Program/Major Requirements

Code	Title	Hours
<b>Core Professional Courses</b> <sup>2</sup>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 355	Assessment and Research <sup>3</sup>	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Minimum Total Hours</b>		<b>17</b>

Code	Title	Hours
Track Requirements (see Track Requirements tab)		64-71

### Degree Assessment

B-minus or better in student teaching and capstone courses; 2.75 overall GPA; all program courses with 3.0 cumulative GPA.

### Certification Assessment

Eligible for degree; Passing scores on required PRAXIS exams; assessment of dispositions and standards in courses completed after mid-point; Positive recommendation from Educator Certification Committee.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
EDTP 477	Capstone Student Teaching Seminar - CUE	

<sup>1</sup> To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements (or decrease the listed electives).

<sup>2</sup> Restricted to students admitted to teacher education

<sup>3</sup> Students pursuing the Early Childhood dual certification, Early Childhood only, Moderate and Severe Disability dual certification, and Moderate and Severe Disability only tracks may substitute another faculty-approved course for EDTP 355.

## Track Requirements

### Track in Early Childhood Education (Certification Birth-Age 5 only)

Academic Plan Code(s): EREDBSRIEP

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDSP 472	Student Teaching in Interdisciplinary Early Childhood Education	12
<i>Early Childhood Education Courses</i>		
EDSP 240	Introduction to Exceptional Children	3
EDSP 300	Creativity and the Young Child	3
EDSP 427	Inquiry into Early Childhood Education and Child Development	3
EDSP 435	Administration and Consultation Early Childhood Education	3
EDSP 436	Theories of Play	3
EDSP 437	Infant/Toddler Instruction and Care	3
EDSP 438	Emergent Curriculum	3
EDSP 439	Guidance of Young Children	3
EDSP 515	Communication and Socialization in Early Childhood	3
EDSP 532	Interdisciplinary Early Childhood Education Curriculum	3
EDSP 533	Inclusive Early Childhood Curriculum	3
EDSP 534	Inclusive Early Childhood Curriculum Field Experience	1
EDSP 542	Interdisciplinary Early Childhood Education Curriculum Field Experience	1
EDSP 583	Early Childhood Special Education Assessment	3
EDSP 584	Families and Collaboration in Interdisciplinary Early Childhood Education	3
EDSP 585	Families and Collaboration in IECE: Field Experience	1
Electives (must be approved by advisor)		13
<b>Minimum Total Hours</b>		<b>67</b>

### Track in Early Childhood Education (Dual Certification Birth-Age 5 and Grades P-5)

Academic Plan Code(s): EREDBSRECE

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDSP 472	Student Teaching in Interdisciplinary Early Childhood Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3

EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Early Childhood Education Courses</i>		
EDSP 300	Creativity and the Young Child	3
EDSP 436	Theories of Play	3
EDSP 437	Infant/Toddler Instruction and Care	3
EDSP 515	Communication and Socialization in Early Childhood	3
EDSP 532	Interdisciplinary Early Childhood Education Curriculum	3
EDSP 533	Inclusive Early Childhood Curriculum	3
EDSP 534	Inclusive Early Childhood Curriculum Field Experience	1
EDSP 542	Interdisciplinary Early Childhood Education Curriculum Field Experience	1
EDSP 583	Early Childhood Special Education Assessment	3
EDSP 584	Families and Collaboration in Interdisciplinary Early Childhood Education	3
EDSP 585	Families and Collaboration in IECE: Field Experience	1

**Minimum Total Hours** 64

### Track in Individualized Studies

Academic Plan Code(s): EREDBSRINS

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Individualized Studies Courses</i> <sup>1</sup>		
		27

Students must develop a 27-hour curriculum plan in cooperation with their advisors.

**Minimum Total Hours** 64

<sup>1</sup> For information on how to develop an Individualized Studies curriculum plan, please go to <http://louisville.edu/education/degrees/bs-eee-is> (<http://louisville.edu/education/degrees/bs-eee-is/>).

### Track in Learning and Behavior Disorders (Dual Certification Elementary Grades P-5 and LBD Grades P-12)

Academic Plan Code(s): EREDBSRELB

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDSP 470	Student Teaching, LBD	6
EDTP 450	Student Teaching I: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Learning &amp; Behavioral Disorder Courses</i>		
EDSP 218	Technology for Students with Disabilities	3
EDSP 240	Introduction to Exceptional Children	3
EDSP 422	Transition Programs and Services for Children and Youth with Disabilities	3
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 451	Learning and Behavior Disorders Practicum II	3
EDSP 510	Legal Issues in Special Education	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDSP 518	Structured Literacy for Diverse Learners	3

**Minimum Total Hours** 64

### Track in Moderate and Severe Disabilities (Certification MSD Grades P-12 only)

Academic Plan Code(s): EREDBSRMSD

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDSP 471	Student Teaching, MSD	12
<i>Moderate/Severe Disabilities Courses</i>		
EDSP 218	Technology for Students with Disabilities	3
EDSP 240	Introduction to Exceptional Children	3
EDSP 294	Teaching Individuals with Physical, Health and Multiple Disabilities	3

EDSP 395	Autism: Science, Culture and Identity - SB	3
EDSP 422	Transition Programs and Services for Children and Youth with Disabilities	3
EDSP 440	Moderate/Severe Disabilities Curriculum and Methods II	3
EDSP 443	Instructional Methods for Students with Moderate/Severe Disabilities	3
EDSP 444	Moderate/Severe Disabilities Practicum	3
EDSP 450	Moderate and Severe Disabilities Practicum II	3
EDSP 510	Legal Issues in Special Education	3
EDSP 518	Structured Literacy for Diverse Learners	3
Reading Methods Field Experience <sup>1</sup>		1
EDSP 520	Assessment of Students with Moderate/Severe Disabilities	3
EDSP 546	Behavior Analytic Approach to Communication	3
EDSP 584	Families and Collaboration in Interdisciplinary Early Childhood Education	3
EDSP 585	Families and Collaboration in IECE: Field Experience	1
MSD Math Methods <sup>1</sup>		3
MSD Math Methods Field Experience <sup>1</sup>		1
Electives		7
<b>Minimum Total Hours</b>		<b>67</b>

<sup>1</sup> Course numbers pending.

### Track in Moderate and Severe Disabilities (Dual Certification Elementary Grades P-5 and MSD Grades P-12)

Academic Plan Code(s): EREDBSRMSD

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDSP 471	Student Teaching, MSD	6
EDTP 450	Student Teaching I: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Moderate/Severe Disabilities Courses</i>		
EDSP 218	Technology for Students with Disabilities	3
EDSP 240	Introduction to Exceptional Children	3
EDSP 422	Transition Programs and Services for Children and Youth with Disabilities	3

EDSP 440	Moderate/Severe Disabilities Curriculum and Methods II	3
EDSP 443	Instructional Methods for Students with Moderate/Severe Disabilities	3
EDSP 444	Moderate/Severe Disabilities Practicum	3
EDSP 450	Moderate and Severe Disabilities Practicum II	3
EDSP 520	Assessment of Students with Moderate/Severe Disabilities	3
EDSP 546	Behavior Analytic Approach to Communication	3

**Minimum Total Hours 64**

### Track in English\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Academic Plan Code(s): EREDBSRENG

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 341	Teaching Middle School	3
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>English Courses</i>		
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 301	Special Topics: Literature in English Before 1800	3
or ENGL 302	Special Topic: Literature in English After 1800	
Select one of the following:		3
ENGL 303	Special Topics: Scientific and Technical Writing - WR	
ENGL 306	Special Topics: Business Writing - WR	
ENGL 309	Special Topics: Inquiries in Writing - WR	
ENGL 310	Special Topics: Introduction to Professional and Public Writing	
ENGL 311 American Literature I or ENGL 312 American Literature II		3
PAS 340 African-American Literature - AH, D1 <sup>1</sup>		3
or ENGL 373 Women and Global Literature - D2, AH		
Select one of the following:		3
ENGL 522	Special Topics: Structure of Modern English	
ENGL 325	Introduction to Linguistics	
EDTP 522	Methods of Teaching Grammar, K-12	
EDTP 540	Teaching Adolescent Readers	3

ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
	Elective	3
<b>Minimum Total Hours</b>		<b>67</b>

<sup>1</sup> Completes 3 hours of AHD1 or AHD2 Gen Ed requirements

Middle Grades Certification Extension requires a 2.5 GPA in English content courses and successful completion of EDTP 607 and EDTP 620, middle grades field experience, and passing scores on the PRAXIS Middle Grades Language Arts exam.

### Track in French\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Academic Plan Code(s): EREDBSRFRE

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 452	Student Teaching II: Elementary Education	6
EDTP 450	Student Teaching I: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 341	Teaching Middle School	3
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>French Courses</i>		
FREN 320	French Skills Overview	3
FREN 321	French Conversation	3
FREN 322	Written Expression - WR	3
FREN 331	French Civilization	3
FREN 332	France Today	3
FREN 455	Reading in French	3
FREN 523	Advanced Communication Skills	3
FREN Elective		3
<b>Minimum Total Hours</b>		<b>64</b>

P-12 Certification Extension requires a 2.50 GPA in French content courses and successful completion of EDTP 629 and EDTP 620, field experience, and passing scores on the required PRAXIS French examination.

### Track in Mathematics\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Academic Plan Code(s): EREDBSRMAT

Code	Title	Hours
<i>Student Teacher Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 341	Teaching Middle School	3
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Math Courses</i>		
MATH 107	Finite Mathematics (or Approved Substitute)	3
MATH 109	Elementary Statistics - QR <sup>2</sup>	3
MATH 190	Precalculus - QR <sup>1,2</sup>	4
MATH 205	Calculus I - QR <sup>2</sup>	4-3
	or MATH 180 Elements of Calculus - QR	
MATH 350	Geometric Investigations <sup>3</sup>	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
MATH or EDTP Elective in Mathematics Technology		3
Elective		4
<b>Minimum Total Hours</b>		<b>67</b>

<sup>1</sup> MATH 111 with MATH 112 may be substituted

<sup>2</sup> Completes 3-4 hours of QR Gen Ed requirements.

<sup>3</sup> Students who have credit for MATH 180, instead of MATH 205 must also have credit for MATH 112 or MATH 190, in order to meet the prerequisites for MATH 350.

Middle Grades Certification Extension requires a 2.50 GPA in Mathematics content courses and successful completion of EDTP 608 and EDTP 620, middle grades field experience, and passing scores on the required PRAXIS Middle Grades Mathematics examination.

### Track in Science\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Academic Plan Code(s): EREDBSRSCI

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 341	Teaching Middle School	3
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Science Courses</i>		
BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 244		0-2
or BIOL 241 & BIOL 243	Experimental Biology I: Molecules and Cells - SL Experimental Biology II: Organismal Biology - SL	
BIOL 363	Principles of Ecology	3
CHEM 201	General Chemistry I - S <sup>1</sup>	3
CHEM 202	General Chemistry II - S	3
PHYS 111	Elements of Physics - B <sup>2</sup>	4
Select two of the following: 6		
PHYS 107	Elementary Astronomy - S	
GEOS 200	The Global Environment - S (strongly recommended)	
GEOS 220	Introduction to Weather and Climate - S	
Electives <sup>3</sup>		4
<b>Minimum Total Hours</b>		<b>69-71</b>

- <sup>1</sup> Completes 3 hours of Gen Ed S requirement  
<sup>2</sup> Completes 4 hours of Gen Ed S and SL requirements  
<sup>3</sup> CHEM 207 and CHEM 208 are strongly recommended

(Please contact an advisor for the College of Education and Human Development for a list of additional approved science courses which may be substituted for the courses listed above.)

Middle Grades Certification Extension requires a 2.50 GPA in Science content courses and successful completion of EDTP 609 and EDTP 620, middle grades field experience, and passing scores on the required PRAXIS Middle Grades Science examination.

## Track in Social Studies\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Academic Plan Code(s): EREDBSRSSST

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 341	Teaching Middle School	3
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Social Studies Courses</i>		
HIST 101	History of Civilizations I - D2, SBH <sup>1</sup>	3
HIST 102	History of Civilizations II - D2, SBH <sup>1</sup>	3
HIST 104	American History I - SBH, D1 <sup>1</sup>	3
HIST 105	American History II - SBH, D1 <sup>1</sup>	3
GEOG 200	Human Geography in a Changing World - SB, D2 <sup>2</sup>	3
POLS 201	Introduction to American Government and Politics - SB <sup>2</sup>	3
or POLS 202	Introduction to Comparative Politics - SB, D2	
ECON 201	Principles of Microeconomics - SB <sup>2</sup>	3
SOC 201	Introduction to Sociology - SB <sup>2</sup>	3
or SOC 202	Social Problems - D1, SB	
ANTH 201	Introduction to Cultural Anthropology - D2, SB <sup>2</sup>	3
<b>Minimum Total Hours</b>		<b>67</b>

- <sup>1</sup> Completes 3 hours of SBHD1 or SBHD2 Gen Ed requirement.  
<sup>2</sup> Completes 3 hours of SB Gen Ed requirement.

Middle Grades Certification Extension requires a 2.50 GPA in Social Studies content courses and successful completion of EDTP 610 and EDTP 620, middle grades field experience, and passing scores on the required PRAXIS Middle Grades Social Studies examination.

## Track in Spanish\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Academic Plan Code(s): EREDBSRSPA

Code	Title	Hours
<i>Student Teaching Requirement</i>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
<i>Education Courses</i>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 341	Teaching Middle School	3
MATH 151	Mathematics for Elementary Education I	3
MATH 152	Mathematics for Elementary Education II	3
<i>Spanish Courses</i>		
SPAN 201	Intermediate Spanish I	3
SPAN 202	Intermediate Spanish II	3
SPAN 305	Spanish Grammar in Context	3
SPAN 310	Readings and Writing in Spanish I	3
SPAN 311	Cultural Readings and Writing in Spanish II	3
SPAN 321	Communication and Conversation in Spanish	3
SPAN 524	Introduction to Hispanic Linguistics	3
Select one of the following:		3
SPAN 401	Foundations of Spanish Civilization	
SPAN 402	Cultural and Literary Perspectives on Modern Spain	
SPAN 403	Foundations of Latin American Nations and Identities	
SPAN 404	Cultural and Literary Perspectives on Modern Latin America	

**Minimum Total Hours 64**

P-12 Certification Extension requires a 2.50 GPA in Spanish content courses and successful completion of EDTP 629 and EDTP 620, field experience, and passing scores on the required PRAXIS Spanish examination.

## Flight Plan

### Track in Early Childhood Education (Certification Birth-Age 5 only)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Elective		1
		<b>Hours 14</b>
<b>Spring</b>		
EDSP 240	Introduction to Exceptional Children	3
EDSP 300	Creativity and the Young Child	3
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
		<b>Hours 16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDSP 260	Classroom Behavior Management	3
EDSP 437	Infant/Toddler Instruction and Care	3
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
Elective		3
		<b>Hours 15</b>
<b>Spring</b>		
EDSP 436	Theories of Play	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
		<b>Hours 15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDSP 427	Inquiry into Early Childhood Education and Child Development	3
EDSP 438	Emergent Curriculum	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
Elective		3
		<b>Hours 17</b>
<b>Spring</b>		
EDSP 435	Administration and Consultation Early Childhood Education	3
EDSP 439	Guidance of Young Children	3
EDSP 533	Inclusive Early Childhood Curriculum	3
EDSP 534	Inclusive Early Childhood Curriculum Field Experience	1
EDSP 584	Families and Collaboration in Interdisciplinary Early Childhood Education	3
EDSP 585	Families and Collaboration in IECE: Field Experience	1
Elective		3
		<b>Hours 17</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 515	Communication and Socialization in Early Childhood	3
Elective		3
EDSP 532	Interdisciplinary Early Childhood Education Curriculum	3
EDSP 542	Interdisciplinary Early Childhood Education Curriculum Field Experience	1
EDSP 583	Early Childhood Special Education Assessment	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
		<b>Hours 16</b>
<b>Spring</b>		
EDSP 472	Student Teaching in Interdisciplinary Early Childhood Education	12

EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Early Childhood Education (Dual Certification Birth-Age 5 and Grades P-5)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
EDSP 300	Creativity and the Young Child	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
EDSP 437	Infant/Toddler Instruction and Care	3
MATH 152	Mathematics for Elementary Education II	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
EDSP 436	Theories of Play	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDSP 515	Communication and Socialization in Early Childhood	3
EDSP 583	Early Childhood Special Education Assessment	3
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDSP 532	Interdisciplinary Early Childhood Education Curriculum	3
EDSP 542	Interdisciplinary Early Childhood Education Curriculum Field Experience	1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
EDSP 533	Inclusive Early Childhood Curriculum	3
EDSP 534	Inclusive Early Childhood Curriculum Field Experience	1
EDSP 584	Families and Collaboration in Interdisciplinary Early Childhood Education	3
EDSP 585	Families and Collaboration in IECE: Field Experience	1
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
<b>Hours</b>		<b>16</b>

### Year 4

Course	Title	Hours
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDSP 472	Student Teaching in Interdisciplinary Early Childhood Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Individualized Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MATH 152	Mathematics for Elementary Education II	3
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
EDSP 260	Classroom Behavior Management	3
Elective as approved by advisor		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
General Education: Cardinal Core Natural Sciences - S		3
Elective as approved by advisor		3
Elective as approved by advisor		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3

Elective as approved by advisor	3
Elective as approved by advisor	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
EDTP 312 Elementary Language Arts Methods Field Experience	1
EDTP 320 Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322 Social Studies Methods	3
EDTP 323 Elementary Social Studies Methods Field Experience	1
EDTP 355 Assessment and Research	3
Elective as approved by advisor	3
Elective as approved by advisor	3
<b>Hours</b>	<b>17</b>
<b>Year 4</b>	
<b>Fall</b>	
EDSP 345 Special Populations in Schools	3
EDSP 346 Special Populations in Schools Field Experience	1
EDTP 313 Math Methods	3
EDTP 314 Elementary Mathematics Methods Field Experience	1
EDTP 324 Science Methods P-5	3
EDTP 326 Elementary Science Methods Field Experience	1
Elective as approved by advisor	3
Elective as approved by advisor	3
<b>Hours</b>	<b>18</b>
<b>Spring</b>	
EDTP 450 Student Teaching I: Elementary Education	6
EDTP 452 Student Teaching II: Elementary Education	6
EDTP 477 Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>125</b>

### Track in Learning and Behavior Disorders (Dual Certification Elementary Grades P-5 and LBD Grades P-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
EDSP 240	Introduction to Exceptional Children	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Oral Communication - OC		3
Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
MATH 152	Mathematics for Elementary Education II	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 218	Technology for Students with Disabilities	3

EDSP 422	Transition Programs and Services for Children and Youth with Disabilities	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 451	Learning and Behavior Disorders Practicum II	3
EDSP 510	Legal Issues in Special Education	3
EDSP 518	Structured Literacy for Diverse Learners	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDSP 470	Student Teaching, LBD	6
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

### Track in Moderate and Severe Disabilities (Certification MSD Grades P-12 only)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 240	Introduction to Exceptional Children	3
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
<b>Hours</b>	<b>15</b>
<b>Year 2</b>	
<b>Fall</b>	
EDSP 260 Classroom Behavior Management	3
EDSP 294 Teaching Individuals with Physical, Health and Multiple Disabilities	3
EDSP 395 Autism: Science, Culture and Identity - SB	3
EDTP 107 Human Development and Learning	3
EDTP 245 Children's Literature - D1, AH	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
EDSP 218 Technology for Students with Disabilities	3
EDSP 422 Transition Programs and Services for Children and Youth with Disabilities	3
EDTP 215 Foundations of Instruction	3
EDTP 399 Music, Art, and Motion in P-5	3
General Education: Cardinal Core Natural Sciences - S	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
EDSP 443 Instructional Methods for Students with Moderate/Severe Disabilities	3
EDSP 444 Moderate/Severe Disabilities Practicum	3
EDSP 520 Assessment of Students with Moderate/Severe Disabilities	3
EDTP 328 Building Learning Communities	3
EDTP 330 Building Learning Communities Field Experience	1
Elective	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
EDSP 440 Moderate/Severe Disabilities Curriculum and Methods II	3
EDSP 450 Moderate and Severe Disabilities Practicum II	3
EDSP 546 Behavior Analytic Approach to Communication	3
EDSP 510 Legal Issues in Special Education	3
EDSP 584 Families and Collaboration in Interdisciplinary Early Childhood Education	3
EDSP 585 Families and Collaboration in IECE: Field Experience	1
<b>Hours</b>	<b>16</b>
<b>Year 4</b>	
<b>Fall</b>	
EDSP 345 Special Populations in Schools	3
EDSP 346 Special Populations in Schools Field Experience	1
EDSP 518 Structured Literacy for Diverse Learners	3
Reading Methods Field Experience <sup>1</sup>	1
MSD Math Methods <sup>1</sup>	3
MSD Math Methods Field Experience <sup>1</sup>	1
EDTP 506 Public Schools in America: Understanding our Past to Envision our Future	3
Elective	3
<b>Hours</b>	<b>18</b>
<b>Spring</b>	
EDSP 471 Student Teaching, MSD	12
EDTP 477 Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>125</b>

<sup>1</sup> Course numbers pending.

## Track in Moderate and Severe Disabilities (Dual Certification Elementary Grades P-5 and MSD Grades P-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
EDSP 240	Introduction to Exceptional Children	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
MATH 152	Mathematics for Elementary Education II	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 218	Technology for Students with Disabilities	3
EDSP 422	Transition Programs and Services for Children and Youth with Disabilities	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDSP 443	Instructional Methods for Students with Moderate/Severe Disabilities	3
EDSP 444	Moderate/Severe Disabilities Practicum	3
EDSP 520	Assessment of Students with Moderate/Severe Disabilities	3
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 440	Moderate/Severe Disabilities Curriculum and Methods II	3
EDSP 450	Moderate and Severe Disabilities Practicum II	3
EDSP 546	Behavior Analytic Approach to Communication	3
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1

EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDSP 471	Student Teaching, MSD	6
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in English\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 311 American Literature I or ENGL 312 American Literature II		3
MATH 152	Mathematics for Elementary Education II	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
ENGL 301	Special Topics: Literature in English Before 1800	3
or ENGL 302	or Special Topic: Literature in English After 1800	
Select one of the following:		3
ENGL 303	Special Topics: Scientific and Technical Writing - WR	
ENGL 306	Special Topics: Business Writing - WR	
ENGL 309	Special Topics: Inquiries in Writing - WR	
ENGL 310	Special Topics: Introduction to Professional and Public Writing	
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3

EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
EDTP 540	Teaching Adolescent Readers	3
ENGL 373	Women and Global Literature - D2, AH	3
or PAS 340	or African-American Literature - AH, D1	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
Select one of the following:		3
ENGL 325	Introduction to Linguistics	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
<b>Hours</b>		<b>14</b>

### Year 4

<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in French\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
FREN 320	French Skills Overview	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
FREN 322	Written Expression - WR	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>

Year 2		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
FREN 321	French Conversation	3
MATH 152	Mathematics for Elementary Education II	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
French Elective		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
FREN 331	French Civilization	3
FREN 455	Reading in French	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
FREN 332	France Today	3
EDTP 355	Assessment and Research	3
<b>Hours</b>		<b>14</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
FREN 523	Advanced Communication Skills	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Mathematics\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 190	Precalculus - QR	4

General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
MATH 205	Calculus I - QR	4
or MATH 180	or Elements of Calculus - QR	
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
MATH 152	Mathematics for Elementary Education II	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
MATH 107	Finite Mathematics (or Approved Substitute)	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
MATH or EDTP Math Technology Elective		3
MATH 350	Geometric Investigations	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
MATH 109	Elementary Statistics - QR	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
<b>Hours</b>		<b>14</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6

EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

### Track in Science\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
GEOS 200	The Global Environment - S	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 240	Unity of Life - S	3
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
PHYS 111	Elements of Physics - B	4
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 242	Diversity of Life - S	3
BIOL 244		
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
MATH 152	Mathematics for Elementary Education II	3
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
CHEM 201	General Chemistry I - S	3
General Elective(s) (CHEM 207 & 208 recommended)		2
General Elective		2
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
CHEM 202	General Chemistry II - S	3
PHYS 107	Elementary Astronomy - S	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
EDTP 322	Social Studies Methods	3
BIOL 363	Principles of Ecology	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>14</b>

### Year 4

Course	Title	Hours
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Track in Social Studies\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HIST 101	History of Civilizations I - D2, SBH	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
HIST 102	History of Civilizations II - D2, SBH	3
MATH 151	Mathematics for Elementary Education I	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
EDTP 399	Music, Art, and Motion in P-5	3
HIST 104	American History I - SBH, D1	3
MATH 152	Mathematics for Elementary Education II	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 201	Principles of Microeconomics - SB	3
EDSP 260	Classroom Behavior Management	3
EDTP 215	Foundations of Instruction	3
EDTP 245	Children's Literature - D1, AH	3
HIST 105	American History II - SBH, D1	3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3

ANTH 201	Introduction to Cultural Anthropology - D2, SB	3
SOC 201 or SOC 202	Introduction to Sociology - SB or Social Problems - D1, SB	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
GEOG 200	Human Geography in a Changing World - SB, D2	3
POLS 201 or POLS 202	Introduction to American Government and Politics - SB or Introduction to Comparative Politics - SB, D2	3
<b>Hours</b>		<b>14</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Spanish\*

\*Note: Effective summer 2020, this track is closed to new enrollments.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
SPAN 201	Intermediate Spanish I	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 151	Mathematics for Elementary Education I	3
SPAN 202	Intermediate Spanish II	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
EDTP 245	Children's Literature - D1, AH	3
MATH 152	Mathematics for Elementary Education II	3
SPAN 305	Spanish Grammar in Context	3
SPAN 310	Readings and Writing in Spanish I	3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 215	Foundations of Instruction	3
EDTP 399	Music, Art, and Motion in P-5	3
SPAN 311	Cultural Readings and Writing in Spanish II	3
SPAN 321	Communication and Conversation in Spanish	3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 311	Introduction to Reading/Language Arts P-5	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
Select one of the following:		3
SPAN 401	Foundations of Spanish Civilization	
SPAN 402	Cultural and Literary Perspectives on Modern Spain	
SPAN 403	Foundations of Latin American Nations and Identities	
SPAN 404	Cultural and Literary Perspectives on Modern Latin America	
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 312	Elementary Language Arts Methods Field Experience	1
EDTP 320	Methods for Teaching Reading/Language Arts, P-5	3
EDTP 322	Social Studies Methods	3
EDTP 323	Elementary Social Studies Methods Field Experience	1
SPAN 524	Introduction to Hispanic Linguistics	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>14</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 313	Math Methods	3
EDTP 314	Elementary Mathematics Methods Field Experience	1
EDTP 324	Science Methods P-5	3
EDTP 326	Elementary Science Methods Field Experience	1
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
EDTP 450	Student Teaching I: Elementary Education	6
EDTP 452	Student Teaching II: Elementary Education	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.

- Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
- To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Early Elementary Education with the available tracks prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Economics (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Economics

Unit: College of Business (BU) (<http://www.louisville.edu/business/>)  
Department: Economics (<http://business.louisville.edu/economics/>)  
Academic Plan Code(s): EC\_ \_BA

## Program Information

The Department of Economics provides a thorough education in economics to UofL undergraduate students with majors and minors in the department as well as students from other academic programs. A

primary departmental objective is promoting the understanding of the economy through economic analysis of industry, non-profit institutions, and government at the micro- and macroeconomic levels. Students develop comprehension, reasoning, and quantitative skills through their study of domestic and global economic issues.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
6 hours of General Education requirements may be satisfied through coursework required by the degree program		
	College/School Requirements <sup>1,2</sup>	53
	Program/Major Requirements	24
	Supporting Courses	18
<b>Minimum Total Hours</b>		<b>120</b>

- To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements (or decrease the indicated electives). See the Degree Requirements tab for specific coursework.
- College/School Requirements total includes 6 hours of required courses that also satisfy General Education hours requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BA in Economics.

### Current Students - Admission in Good Standing

Students must have both:

- Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
- Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following program requirements satisfy General Education requirements and are included in the total hours listed below		
MATH 180	Elements of Calculus - QR or MATH 205 Calculus I - QR	
ECON 202	Principles of Macroeconomics - SB	3

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours

from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 205	Calculus I - QR <sup>2,3</sup>	3-4
or MATH 180	Elements of Calculus - QR	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>4</sup>	
BUS 201	Career Development	1
BSTA 301	Business Statistics <sup>5</sup>	3
Foreign Language <sup>6</sup>		12
Non-business electives (12 hours - 300+ level)		12
Non-business electives		15
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 General Education hours above. See notes.

## Program/Major Requirements

Code	Title	Hours
<b>Economics Breadth</b>		
ECON 301	Intermediate Microeconomics	3
ECON 302	Intermediate Macroeconomics	3
ECON 475	Senior Economics Seminar - CUE	3
Electives in Economics		15
General Electives (6-18 hours - 300+ Level) <sup>7</sup>		18
<b>Minimum Total Hours</b>		<b>42</b>

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives (6-18 hours - 300+ Level) <sup>7</sup>		18

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

All prerequisites must be followed.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

ECON 475	Senior Economics Seminar - CUE
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- College/School Requirements satisfy 6 hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences).
- MATH 205 or MATH 180 must be taken as a required math course for all Economic majors. Their prerequisite(s) may be used as General Electives.
- Also completes the Quantitative Reasoning General Education requirement. Student who take MATH 205 to satisfy the program Math requirement will reduce the number of general electives required to reach the minimum number of hours for the degree by one (1).

- ECON 202 completes 3 hours of General Education Social & Behavioral Sciences.
- The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326
- Completion of three semesters of Foreign Language (9-12 hours). Languages with three semesters but less than 12 hours must be made up as elective hours.
- Either PPE 300 or FIN 301 may be taken as 3 hours of Economics electives.
- To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements (or decrease the listed electives).

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ECON 201	Principles of Microeconomics - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Science – S		3
General Education: Cardinal Core Natural Science Lab - SL		1
Foreign Language		4
		<b>Hours</b>
		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	3-4
or MATH 180	or Elements of Calculus - QR	
ECON 202	Principles of Macroeconomics - SB	3
Non-Business Elective		3
Foreign Language		4
		<b>Hours</b>
		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
BUS 201	Career Development	1
HIST 101	History of Civilizations I - D2, SBH	3
or HIST 102	or History of Civilizations II - D2, SBH	
Select one of the following:		3
BSTA 301	Business Statistics	
MATH 109	Elementary Statistics - QR	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
CJ 326	Quantitative Analysis - QR	
General Education: Cardinal Core Arts & Humanities US Diversity – AHD1		3
General Education: Cardinal Core Natural Science – S		3
Foreign Language		4
		<b>Hours</b>
		<b>17</b>
<b>Spring</b>		
ECON 301	Intermediate Microeconomics	3
Non-Business Elective		3
General Education: Cardinal Core Oral Communication – OC		3
General Education: Cardinal Core Arts & Humanities – AH		3
Non-business elective		3
		<b>Hours</b>
		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
ECON 302	Intermediate Macroeconomics	3

Economics Elective	3
General Elective (300-level or above)	3
Non-Business Elective (300-level or above)	3
Non-Business Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Economics Elective	3
Economics Elective	3
Non-Business Elective (300-level or above)	3
Non-Business Elective (300-level or above)	3
General Elective (300-level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Economics Elective	3
General Elective (300-level or above)	3
Non-Business Elective	3
General Elective (300-level or above)	3
General Elective (300-level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ECON 475 Senior Economics Seminar - CUE	3
Economics Elective	3
Non-Business Elective (300-level or above)	3
General Elective	3
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

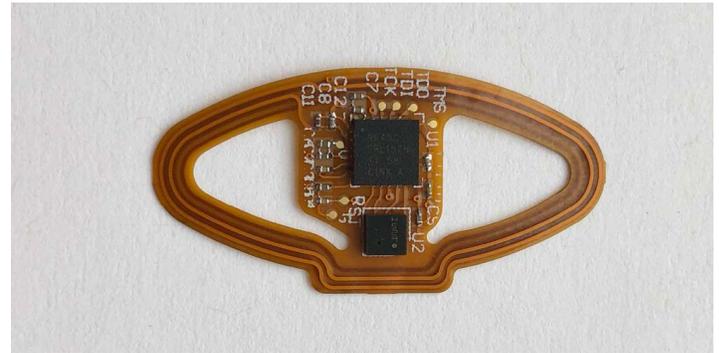
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Electrical Engineering (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Electrical Engineering

Unit: Speed School of Engineering (SS) (<https://engineering.louisville.edu>)

Department: Electrical & Computer Engineering (<http://engineering.louisville.edu/electrical/>)

Academic Plan Code(s): EE\_ \_BEE

## Program Information

The Bachelor of Science in Electrical Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<https://www.abet.org>). The Master of Engineering in Electrical Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<https://www.abet.org>).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(19 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1</sup>	35
	Program/Major Requirements	50
	Supporting Courses	26
	<b>Minimum Total Hours</b>	<b>123</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree in the **minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
The following courses are required by the program and satisfy the respective General Education Requirement(s):		
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
COMM 111	Introduction to Public Speaking - OC	
or COMM 112	Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC	
ENGL 102	Intermediate College Writing - WC	
ENGR 101	Engineering Analysis I - QR	
PHYS 298	Introductory Mechanics, Heat and Sound - S	

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the minimum number of hours listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements

## College/School Requirements

Code	Title	Hours
<b>Speed School Core <sup>1</sup></b>		
CHEM 201	General Chemistry I - S <sup>1</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>1</sup>	1
COMM 111	Introduction to Public Speaking - OC <sup>1</sup>	3
or COMM 112	Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC <sup>1, 2</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>1, 2</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>1</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>1</sup>	4
<b>Minimum Total Hours</b>		<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Electrical and Computer Engineering Department Requirements</b>		
ECE 220	Network Analysis I	3
ECE 221	Network Analysis I Laboratory	1
ECE 288	Electrical & Computer Engineering Cooperative Education Seminar	0
ECE 289	Electrical & Computer Engineering Cooperative Education I	1
ECE 320	Network Analysis II	3
ECE 322	Introduction to ECE Computing Tools	1
ECE 333	Electronics I	3

ECE 334	Electronics I Lab	1
ECE 360	Probabilistic Methods in Electrical and Computer Engineering	3
ECE 389	Electrical & Computer Engineering Cooperative Education II	1
ECE/CSE 412	Introduction to Embedded Systems	3
ECE 420	Signals and Linear Systems	3
ECE 473	Introduction to Electromagnetic Fields and Waves	3
ECE 489	Electrical and Computer Engineering Cooperative Education III	1
ECE 496	Professional Issues and Current Topics Seminar	2
ECE 497	Capstone Design in ECE - CUE (CUE)	3
ECE Elective Lecture & Lab. Select two of the following pairs:		8
ECE 510 & ECE 511	Computer Design & Computer Design Laboratory	
ECE 515 & ECE 514	Introduction to VLSI Systems & Introduction to VLSI Systems Laboratory	
ECE 516	Microcomputer Design	
CSE 525	Microcomputer Design	
ECE 520 & ECE 521	Digital Signal Processing & Digital Signal Processing Laboratory	
ECE 533 & ECE 534	Integrated Circuit Design & Integrated Circuit Design Laboratory	
ECE 543 & ECE 544	Fundamentals of Microfabrication and MEMS & Microfabrications/MEMS Laboratory	
ECE 550 & ECE 551	Communication and Modulation & Communication Systems Laboratory	
ECE 555 & ECE 556	Digital Image Processing & Digital Image Processing Laboratory	
ECE 560 & ECE 561	Control Systems Principles & Control Systems Laboratory	
ECE 564 & ECE 565	Fundamentals of Autonomous Robots & Fundamentals of Autonomous Robots Lab	
Select two ECE Electives at the 500 level from the following:		6
ECE 500	Special Topics in Electrical Engineering	
ECE 510 & ECE 511	Computer Design & Computer Design Laboratory	
ECE 515 & ECE 514	Introduction to VLSI Systems & Introduction to VLSI Systems Laboratory	
ECE 516	Microcomputer Design	
ECE 518	Fundamentals of Computer Communications and Networks	
ECE 520 & ECE 521	Digital Signal Processing & Digital Signal Processing Laboratory	
ECE 523	Introduction to Biometrics	
ECE 526	LabVIEW for Electrical Engineers	
ECE 530	Introduction to Random Processes and Estimation Theory	
ECE 531	Power Electronics	
ECE 533 & ECE 534	Integrated Circuit Design & Integrated Circuit Design Laboratory	
ECE 542	Semiconductor Device Fundamentals	
ECE 543 & ECE 544	Fundamentals of Microfabrication and MEMS & Microfabrications/MEMS Laboratory	
ECE 545	Optical Signal Processing	

ECE 550 & ECE 551	Communication and Modulation Communication Systems Laboratory
ECE 555 & ECE 556	Digital Image Processing Digital Image Processing Laboratory
ECE 560 & ECE 561	Control Systems Principles Control Systems Laboratory
ECE 564 & ECE 565	Fundamentals of Autonomous Robots Fundamentals of Autonomous Robots Lab
ECE 569	Intermediate Electromagnetic Fields and Waves
ECE 581	Electric Machines and Drives
ECE 582	Power System Analysis
CSE 516	Fundamentals of Computer Communications and Networks
CSE 525	Microcomputer Design

Electrical and Computer Engineering Core		
ECE 210	Logic Design	3
ECE 211	Logic Design Laboratory	1
<b>Minimum Total Hours</b>		<b>50</b>

Code	Title	Hours
<b>Supporting Courses</b>		
CSE 130	Introduction to Programming Languages	3
IE 370	Engineering Economic Analysis	3
ENGR 330	Linear Algebra for Engineering	2
PHYS 295	Introductory Laboratories I - SL	1
PHYS 296	Introductory Laboratories II - SL	1
PHYS 299	Introductory Electricity, Magnetism and Light	4
Select one CSE/Mathematics/Science Elective from the following: <sup>3</sup>		
BIOL 240	Unity of Life - S	
BIOL 242	Diversity of Life - S	
BIOL 263	Environmental Biology - B	
CSE 220	Object Oriented Program Design with Java	
CSE 302	Data Structures	
CSE 310	Discrete Structures	
CSE 420	Design of Operating Systems	
CHEM 202	General Chemistry II - S	
PHYS 220	Introduction to Weather and Climate - S	
or GEOS 220	Introduction to Weather and Climate - S	
GEOS 301	Geology for Scientists and Engineers	
MATH 311	Introduction to Higher Math	
MATH 387	Discrete Mathematics	
MATH 501	Introduction to Analysis I - CUE	
MATH 507	Fourier Analysis	
MATH 581	Introduction to Graph Theory	
PHYS 300	Introductory Modern Physics	
PHYS 307	Introductory Stellar Astrophysics	
PHYS 355	Optics	
PHYS 361	Atmospheric Thermodynamics	
PHYS 460	Mechanics	
Select one Engineering Science Elective from the following: <sup>3</sup>		
CSE 220	Object Oriented Program Design with Java	3
CSE 302	Data Structures	
CSE 310	Discrete Structures	

CSE 420	Design of Operating Systems
CEE 205	Mechanics I: Statics
CHE 253	Materials Science
IE 515	Operations Research Methods
ME 206	Mechanics II: Dynamics
ME 251	Thermodynamics I
Select two additional courses from either the CSE/Mathematics/ Science Electives list, or the ECE Electives List <sup>3</sup>	
<b>Minimum Total Hours</b>	
<b>26</b>	

Candidates for the Bachelor of Science degree must be in Good Standing (university GPA  $\geq$  2.25) and must attain a grade point average of at least 2.25 for all courses used to satisfy degree requirements.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
ECE 497	Capstone Design in ECE - CUE	

- This course is a General Education requirement for the program; see louisville.edu/provost/ger/ (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements. Note that the 12-hour total for the AH/D1/D2/SB/SBH electives assumes the use of double counting of D1/D2 with another category. The Department recommends COMM 112 over COMM 111.
- Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements. ENGL 303 or ENGL 306 is recommended as the additional course for EE students.
- Students must take 3 hours of CSE/Mathematics/Science Electives and 3 hours of Engineering Science Electives. Some students may wish to use these electives toward satisfying the requirements for a minor in Mathematics or Physics; additional information is available in the Department. 6 additional hours must be taken of either CSE/Mathematics/Science Electives or ECE Electives.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
ENGL 101	Introduction to College Writing - WC	3
ENGR 101	Engineering Analysis I - QR	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ECE 210	Logic Design	3
ECE 211	Logic Design Laboratory	1
ENGL 102	Intermediate College Writing - WC	3
ENGR 102	Engineering Analysis II	4
ENGR 111	Engineering Methods, Tools and Practice II	2

PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>17</b>
<b>Summer</b>		
ENGR 201	Engineering Analysis III	4
PHYS 295	Introductory Laboratories I - SL	1
PHYS 296	Introductory Laboratories II - SL	1
PHYS 299	Introductory Electricity, Magnetism and Light	4
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>13</b>
<b>Year 2</b>		
<b>Fall</b>		
CSE 130	Introduction to Programming Languages	3
COMM 112 or COMM 111	Business and Professional Speaking - OC or Introduction to Public Speaking - OC	3
ECE 220	Network Analysis I	3
ECE 221	Network Analysis I Laboratory	1
ECE 288	Electrical & Computer Engineering Cooperative Education Seminar	0
ECE 322	Introduction to ECE Computing Tools	1
ENGR 205	Differential Equations for Engineering	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective Global Diversity - AHD2, SBD2, or SBHD2		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ECE 289	Electrical & Computer Engineering Cooperative Education I	1
<b>Hours</b>		<b>1</b>
<b>Summer</b>		
IE 370	Engineering Economic Analysis	3
ECE 320	Network Analysis II	3
Engineering Science Elective		3
ECE 473	Introduction to Electromagnetic Fields and Waves	3
<b>Hours</b>		<b>12</b>
<b>Year 3</b>		
<b>Fall</b>		
ECE 389	Electrical & Computer Engineering Cooperative Education II	1
<b>Hours</b>		<b>1</b>
<b>Spring</b>		
CSE/Math/Science Elective or ECE Elective		3
ECE 333	Electronics I	3
ECE 334	Electronics I Lab	1
ECE 360	Probabilistic Methods in Electrical and Computer Engineering	3
ECE 420	Signals and Linear Systems	3
ENGR 330	Linear Algebra for Engineering	2
<b>Hours</b>		<b>15</b>
<b>Summer</b>		
ECE 489	Electrical and Computer Engineering Cooperative Education III	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
ECE 412 or CSE 412	Introduction to Embedded Systems or Introduction to Embedded Systems	3
CSE/Math/Science Elective or ECE Elective		3
Electrical & Computer Engineering Elective (500 level)		3
Electrical & Computer Engineering Elective (500 level)		3
ECE 496	Professional Issues and Current Topics Seminar	2

CSE/Math/Science Elective		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
ECE 497	Capstone Design in ECE - CUE	3
Electrical & Computer Engineering Elective (500 level)		3
Electrical & Computer Engineering Elective Lab (500 level)		1
Electrical & Computer Engineering Design Elective (500 level)		3
Electrical & Computer Engineering Design Lab Elective (500 level)		1
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>14</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Electrical Engineering (EE BEE) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## English (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in English

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: English (<http://louisville.edu/english/>)  
Academic Plan Code(s): ENLBA

## Program Information

The program for English majors is designed to lay a foundation for careers in writing, teaching, scholarship, and research, as well as for many other types of position in the business and professional world where skills in communication, creative, critical, or analytical writing, public relations, editorial skills, advertising, or the like are required. English majors will complete one of three tracks: Creative Writing, Literature, or Professional and Public Writing.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
	College/School Requirements	22
	Program/Major Requirements	18
	Supporting Courses	32
	Track Requirements	18
	<b>Minimum Total Hours</b>	<b>121</b>

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in English requires completion of ENGL 101 and ENGL 102 OR ENGL 105 or approved substitute; a minimum cumulative grade point average of 2.0; and a minimum grade point average of 2.0 in courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Social or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of English</b>		
	Select two of the following courses:	6
ENGL 202	Introduction to Creative Writing - AH	
ENGL 300	Special Topics: Introduction to Literature - WR	
ENGL 310	Special Topics: Introduction to Professional and Public Writing	
ENGL 301	Special Topics: Literature in English Before 1800	3
ENGL 302	Special Topic: Literature in English After 1800	3
ENGL 315	Culture, Text and Media	3
ENGL 368	Minority Traditions in English Literatures - D2, AH	3
or ENGL 369	Minority Traditions in American Literature - D1, AH	
	<b>Minimum Total Hours</b>	<b>18</b>
<b>Supporting Courses</b>		
	Electives in Humanities disciplines other than English, at 300 level or above	12
	Electives in Humanities disciplines other than English, at 400 level or above	3
	Minimum Electives	17
	<b>Minimum Total Hours</b>	<b>32</b>

Code	Title	Hours
	<b>Track Requirements (see Track Requirements tab)</b>	<b>18</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	
ENGL 507	Special Topics: The Teaching of Creative Writing - CUE, WR	

ENGL 541	Special Topics: Studies in Old and Middle English Literature - CUE
ENGL 542	Special Topics: Studies in Tudor and Elizabethan Literature - CUE
ENGL 543	Special Topics: Studies in Stuart and Commonwealth Literature - CUE
ENGL 544	Special Topics: Studies in Restoration and Eighteenth-Century British Literature - CUE
ENGL 545	Studies in British Literature of the Romantic Period - CUE
ENGL 546	Special Topics: Studies in British Literature of the Victorian Period - CUE
ENGL 547	Special Topics: Studies in Modern British and/or Irish Literature - CUE
ENGL 548	Special Topics: Studies in Contemporary British and/or Irish Literature - CUE
ENGL 549	Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE
ENGL 550	Studies in African-American Literature - CUE
ENGL 552	Special Topics in Literature in English
ENGL 554	Women's Personal Narratives - CUE
ENGL 555	Cooperative Internship in English Studies - CUE
ENGL 561	Special Topics: Chaucer - CUE
ENGL 562	Special Topics: Shakespeare - CUE
ENGL 563	Special Topics: Milton - CUE
ENGL 564	Special Topics: Selected Figures in American Literature - CUE
ENGL 567	Special Topics: Post-Colonial Voices: Writing Experience in African Literature - CUE, WR
ENGL 571	Special Topics: Studies in American Literature to 1865 - CUE
ENGL 572	Special Topics: Studies in American Literature, 1865-1910 - CUE
ENGL 573	Special Topics: Studies in American Literature, 1910-1960 - CUE
ENGL 574	Special Topics: Studies in American Literature, 1960 - CUE
ENGL 575	Special Topics: Genre Studies in African-American Literature - CUE
ENGL 577	Special Topics: The Harlem Renaissance - CUE
ENGL 581	Special Topics: Studies in Renaissance Drama - CUE
ENGL 586	Special Topics: Studies in American Drama - CUE
ENGL 591	Special Topics: History of Criticism: Plato to the New Criticism - CUE
ENGL 595	Special Topics: Studies in Literature and Science - CUE
ENGL 599	Special Topics: Texts and Technologies - WR, CUE

NOTE: Historical Distribution: Majors in the Literature track must complete a minimum of one course in each of the following historical periods: Pre-1700 literature; 1700-1900 literature; and Post-1900 literature. This requirement may be met by any selection of courses from the groups below. Consult course descriptions for information on the time-period to which a specific course applies.

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree. Courses in freshman composition (ENGL 101, ENGL 102, and ENGL 105) are not counted in computing the 40 hours for an English major.

At least 50 of the total minimum hours required must be at the 300 level or above.

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- <sup>3</sup> May be incorporated into other degree requirements

### Track in Creative Writing

Academic Plan Code(s): ENGLBA\_CW

Code	Title	Hours
Select two of the following: <sup>1</sup>		6
ENGL 304	Special Topics: Creative Nonfiction <sup>2</sup> or ENGL 305 Special Topics: Intermediate Creative Writing Workshop	
ENGL 403	Special Topics: Advanced Creative Writing	3
ENGL 504	Special Topics: Advanced Creative Writing II	3
Select one of the following courses: <sup>3</sup>		3
ENGL 450	Cooperative Internship in English Studies or ENGL 470 Studies in Literary Movements - WR or ENGL 491 Special Topics: Interpretive Theory: The New Criticism to the Present or ENGL 492 Special Topics in Interpretive Theory or ENGL 507 Special Topics: The Teaching of Creative Writing - CUE, WR or ENGL 555 Cooperative Internship in English Studies - CUE or ENGL 591 Special Topics: History of Criticism: Plato to the New Criticism - CUE	
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	3
<b>Minimum Total Hours</b>		<b>18</b>

- <sup>1</sup> A student who did not take ENGL 202 as part of the major's core requirements will need to take it before starting the Creative Writing track sequence.
- <sup>2</sup> ENGL 305 is a special topics course. Students in the Creative Writing track may take ENGL 305 twice to satisfy this requirement if they choose two different genres/topics.
- <sup>3</sup> ENGL 470 may satisfy this requirement only when it is offered as "Miracle Monocle."

### Track in Literature

Academic Plan Code(s): ENGLBA\_LIT

Code	Title	Hours
400 level Literatures in English elective		3
400 level Literatures in English elective		3
Select one of the following courses:		3
ENGL 491	Special Topics: Interpretive Theory: The New Criticism to the Present	
ENGL 492	Special Topics in Interpretive Theory	

ENGL 591	Special Topics: History of Criticism: Plato to the New Criticism - CUE	
500 level Literatures in English elective		3
Select one of the following:		3
ENGL 555	Cooperative Internship in English Studies - CUE	
500 level Literatures in English elective		
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	3
<b>Minimum Total Hours</b>		<b>18</b>

## Track in Professional and Public Writing

Academic Plan Code(s): ENGLBA\_PPW

Code	Title	Hours
ENGL 405	Special Topics: Editing, Publishing, and Document Design	3
Select two of the following courses:		6
ENGL 303	Special Topics: Scientific and Technical Writing - WR	
ENGL 306	Special Topics: Business Writing - WR	
ENGL 309	Special Topics: Inquiries in Writing - WR	
ENGL 407	Special Topics: Writing for Social Change - WR	
ENGL 480	Special Topics: Digital and Visual Composition	3
Select one of the following courses: <sup>1</sup>		3
ENGL 450	Cooperative Internship in English Studies	
ENGL 470	Studies in Literary Movements - WR	
ENGL 491	Special Topics: Interpretive Theory: The New Criticism to the Present	
ENGL 492	Special Topics in Interpretive Theory	
ENGL 509	Special Topics: Special Topics Writing	
ENGL 555	Cooperative Internship in English Studies - CUE	
ENGL 591	Special Topics: History of Criticism: Plato to the New Criticism - CUE	
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	3
<b>Minimum Total Hours</b>		<b>18</b>

<sup>1</sup> ENGL 470 may satisfy this requirement only when it is offered as "Miracle Monocle."

## Track in Creative Writing

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 2		4
<b>Hours</b>		<b>16</b>

<b>Year 2</b>		
<b>Fall</b>		
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 300 or ENGL 310	Special Topics: Introduction to Literature - WR or Special Topics: Introduction to Professional and Public Writing	3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 315	Culture, Text and Media	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Natural Science or Social Science Elective		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>16</b>

<b>Year 3</b>		
<b>Fall</b>		
ENGL 301	Special Topics: Literature in English Before 1800	3
ENGL 302	Special Topic: Literature in English After 1800	3
ENGL 368 or ENGL 369	Minority Traditions in English Literatures - D2, AH or Minority Traditions in American Literature - D1, AH	3
Humanities Elective (300 level or above)		3
Social Science or Natural Science Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 304	Special Topics: Creative Nonfiction	3
ENGL 305	Special Topics: Intermediate Creative Writing Workshop	3
Humanities Elective (300 level or above)		3
Social Science or Natural Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
ENGL 403	Special Topics: Advanced Creative Writing	3
ENGL 450 or ENGL 470 or ENGL 491 or ENGL 492 or ENGL 507 or ENGL 555 or ENGL 591	Cooperative Internship in English Studies or Studies in Literary Movements - WR or Special Topics: Interpretive Theory: The New Criticism to the Present or Special Topics in Interpretive Theory or Special Topics: The Teaching of Creative Writing - CUE, WR or Cooperative Internship in English Studies - CUE or Special Topics: History of Criticism: Plato to the New Criticism - CUE	3
Humanities Elective (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 504	Special Topics: Advanced Creative Writing II	3
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	3
Humanities Elective (400 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Minimum Total Hours</b>		
		<b>122</b>

## Track in Literature

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 2		4
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
ENGL 300	Special Topics: Introduction to Literature - WR	3
ENGL 202 or ENGL 310	Introduction to Creative Writing - AH or Special Topics: Introduction to Professional and Public Writing	3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 315	Culture, Text and Media	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Natural Science or Social Science Elective		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
ENGL 301	Special Topics: Literature in English Before 1800	3
ENGL 302	Special Topic: Literature in English After 1800	3
ENGL 368 or ENGL 369	Minority Traditions in English Literatures - D2, AH or Minority Traditions in American Literature - D1, AH	3
Humanities Elective (300 level or above)		3
Natural Science or Social Science Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
400 level Literatures in English Elective		3
400 Level Literatures in English Elective		3
ENGL 491 or ENGL 492 or ENGL 591	Special Topics: Interpretive Theory: The New Criticism to the Present or Special Topics in Interpretive Theory or Special Topics: History of Criticism: Plato to the New Criticism - CUE	3
Natural Science or Social Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
500 Level Literatures in English Elective		3
ENGL 555	Cooperative Internship in English Studies - CUE	3

Humanities Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	3
Humanities Elective (400 level or above)		3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

## Track in Professional and Public Writing

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 2		4
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
ENGL 202 or ENGL 300	Introduction to Creative Writing - AH or Special Topics: Introduction to Literature - WR	3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 315	Culture, Text and Media	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Natural Science or Social Science Elective		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
ENGL 301	Special Topics: Literature in English Before 1800	3
ENGL 302	Special Topic: Literature in English After 1800	3
ENGL 368 or ENGL 369	Minority Traditions in English Literatures - D2, AH or Minority Traditions in American Literature - D1, AH	3
Humanities Elective (300 level or above)		3
Natural Science or Social Science Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Special Topics: Editing, Publishing, and Document Design		3

ENGL 303 or ENGL 306 or ENGL 309 or ENGL 407	Special Topics: Scientific and Technical Writing - WR or Special Topics: Business Writing - WR or Special Topics: Inquiries in Writing - WR or Special Topics: Writing for Social Change - WR	3
Humanities Elective (300 level or above)		3
Natural Science or Social Science Elective (300 level or higher)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
ENGL 303 or ENGL 306 or ENGL 309 or ENGL 407	Special Topics: Scientific and Technical Writing - WR or Special Topics: Business Writing - WR or Special Topics: Inquiries in Writing - WR or Special Topics: Writing for Social Change - WR	3
ENGL 480	Special Topics: Digital and Visual Composition	3
ENGL 450 or ENGL 470 or ENGL 491 or ENGL 492 or ENGL 509 or ENGL 555 or ENGL 591	Cooperative Internship in English Studies or Studies in Literary Movements - WR or Special Topics: Interpretive Theory: The New Criticism to the Present or Special Topics in Interpretive Theory or Special Topics: Special Topics Writing or Cooperative Internship in English Studies - CUE or Special Topics: History of Criticism: Plato to the New Criticism - CUE	3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	3
Humanities Elective (400 level or above)		3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Equine Business, Bachelor of Science in Business Administration (BSBA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Business Administration in Equine Business**  
Unit: Business (BU) (<http://www.louisville.edu/business/>)  
Department/Program: Equine Industry (<http://business.louisville.edu/equine/>)  
Academic Plan Code(s): EQINBSB

## Program Information

The mission of the Equine Business Discipline is to motivate students and professionals in the industry to read, think and question; encourage development of the analytical, entrepreneurial, and management skills needed by the equine industry; inspire enthusiasm, develop leadership; respond to the equine industry's dramatically changing economic environment by undertaking rigorous, meaningful research; disseminate to the industry through publications, seminars, workshops or state-of-the-art technology, research results and accumulated knowledge, and other business related skills.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(6 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1,2</sup>	53
	Program/Major Requirements	30
	Supporting Courses	12
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.

<sup>2</sup> College/School Requirements total includes 6 hours of required courses that also cover General Education requirements. See Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

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## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BSB in Equine Business.

### Current Students—Admission in Good Standing

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
MATH 180	Elements of Calculus - QR or MATH 205 Calculus I - QR	
ECON 201	Principles of Microeconomics - SB or ECON 202 Principles of Macroeconomics - SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
CAMP 100	Campus Culture/Business Students	1
MATH 180	Elements of Calculus - QR <sup>2,3</sup>	3
	or MATH 205 Calculus I - QR	
	Select one of the following Ethics courses:	3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BUS 301	Business Communication	3
BUS 201	Career Development	1
ACCT 201 & ACCT 202	Principles of Financial Accounting Principles of Managerial Accounting	6
ECON 201 & ECON 202	Principles of Microeconomics - SB Principles of Macroeconomics - SB <sup>4</sup>	6
BSTA 301	Business Statistics <sup>5</sup>	3
CIS 205	Information Systems in Organizations	3
	General Electives	6
<b>Business Breadth</b>		

FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
CLAW 301	Legal Environment of Business	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 401	Operations Management	3
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 General Education hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Equine Business Depth</b>		
EQIN 202	Horse Industry Overview	3
EQIN 204	Equine Management	3
EQIN 301	Organization and Administration of Equine Operations	3
EQIN 302	Equine Economics	3
	or EQIN 401 Equine Taxation	
EQIN 304	Equine Marketing	3
EQIN 313	Equine Commercial Law	3
EQIN 402	Capstone Seminar in Equine Industry Program - CUE	3
EQIN 403	Equine Financial Management	3
EQIN 404	Current Equine Issues	3
	Business or Equine Electives (300-400 level)*	3
<b>Minimum Total Hours</b>		<b>30</b>
<b>Code Title Hours</b>		
<b>Supporting Courses</b>		
	General Electives <sup>6</sup>	12

\*See table below for potential Equine Elective courses.

Transfer students must take a minimum of 12 credit hours in their major within the College of Business.

Six hours of General Education Diversity courses (D1 and D2) are required and may be incorporated within the degree program.

All course prerequisites must be followed.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
EQIN 402	Capstone Seminar in Equine Industry Program - CUE	
<b>Code Title Hours</b>		
<b>Equine Electives</b>		
<i>Courses listed below may be used to satisfy general elective requirements</i>		
EQIN 203	Application of Software for Equine Operations	3
EQIN 205	A Global Perspective of Equine Industry	1
EQIN 206	Industry Speaker Series	2
EQIN 250	Equine-Assisted Activities	3

EQIN 303	Equine Regulatory Law	2
EQIN 340	Leadership in Equine Business	3
EQIN 360	Equine Regulatory Law & Dispute Resolution	3
EQIN 396	Zero-Credit Internship-Equine	0
EQIN 398	Co-op in Equine II <sup>7</sup>	1-3
EQIN 399	Co-op in Equine III	3
EQIN 401	Equine Taxation (Can be used as elective unless used in place of EQIN 302)	3
EQIN 406	Horse Racing and Comparative Gaming Systems	3
EQIN 490	Special Topics in Equine Administration	1-3
EQIN 499	Independent Study in Equine Business	3

- <sup>1</sup> College/School Requirements include six hours of General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). A course satisfying the General Education Oral Communication requirement (COMM 111, COMM 112, COMM 115, HON 214, POLS 111, or WGST 203) is a prerequisite for BUS 301 but not included in the total hours for the degree. Students who take PHIL 222 to satisfy the Ethics requirement will also satisfy 3 hours of the Arts & Humanities requirement and may need additional electives to satisfy the total hours for the degree.
- <sup>2</sup> If MATH 205 is taken, there will be 4 total hours of math, which may reduce the electives required for the degree.
- <sup>3</sup> Completes Quantitative Reasoning General Education requirement
- <sup>4</sup> Completes 3 hours of Social & Behavioral Sciences General Education requirement.
- <sup>5</sup> The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326.
- <sup>6</sup> Assumes 6 hours from College requirements used to satisfy General Education requirements
- <sup>7</sup> EQIN 398 Co-op in Equine II in Equine (2.0 GPA, effective Spring 2018); optional course

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ENGL 101	Introduction to College Writing - WC	3
EQIN 202	Horse Industry Overview	3
MATH 180 or MATH 205	Elements of Calculus - QR or Calculus I - QR	3-4
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
EQIN 204	Equine Management	3
ECON 201	Principles of Microeconomics - SB	3
Select one of the following:		3
BSTA 301	Business Statistics	
MATH 109	Elementary Statistics - QR	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
CJ 326	Quantitative Analysis - QR	
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>15</b>

<b>Year 2</b>		
<b>Fall</b>		
ACCT 201	Principles of Financial Accounting	3
BUS 201	Career Development	1
CIS 205	Information Systems in Organizations	3
CIS 305	Data Analysis for Decision-Making	3
ECON 202	Principles of Macroeconomics - SB	3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ACCT 202	Principles of Managerial Accounting	3
BUS 301	Business Communication	3
CLAW 301	Legal Environment of Business	3
MGMT 301	Management and Organizational Behavior	3
EQIN 313	Equine Commercial Law	3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EQIN 302 or EQIN 401	Equine Economics or Equine Taxation	3
EQIN 301	Organization and Administration of Equine Operations	3
MKT 301	Principles of Marketing	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EQIN 304	Equine Marketing	3
FIN 301	Corporate Finance	3
General Elective (300 level or above)		3
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
EQIN 403	Equine Financial Management	3
General Education: Cardinal Core Arts & Humanities - AH		3
Business or Equine Elective (300 level or above)		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective Global Diversity - SBHD2		3
MGMT 401	Operations Management	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EQIN 402	Capstone Seminar in Equine Industry Program - CUE <sup>7</sup>	3
EQIN 404	Current Equine Issues	3
General Elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Finance, Bachelor of Science in Business Administration (BSBA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Business Administration in Finance**

Unit: Business (BU) (<http://business.louisville.edu/>)  
Department: Finance (<http://business.louisville.edu/finance/>)  
Academic Plan Code(s): FIN\_BSB

### Program Information

The objective of the Finance major program is to provide our students with a competitive edge in their professional financial and managerial careers. Our majors are prepared, upon graduation to apply critical thinking and problem solving skills, either individually or in teams, in order to creatively and ethically solve problems in a global marketplace.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(6 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1,2</sup>	53
	Program/Major Requirements	24

Supporting Courses	18
<b>Minimum Total Hours</b>	<b>120</b>

- <sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.
- <sup>2</sup> College/School Requirements include 6 hours of courses that also cover General Education requirements. See the Degree Requirements tab for details.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BSB in Finance.

### Current Students - Admission in Good Standing

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
MATH 180	Elements of Calculus - QR or MATH 205 Calculus I - QR	
ECON 201	Principles of Microeconomics - SB or ECON 202 Principles of Macroeconomics - SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 180	Elements of Calculus - QR <sup>2,3,4</sup> or MATH 205 Calculus I - QR	3
Select one of the following Ethics courses:		
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	

PHIL 323	Medical Ethics	
BUS 301	Business Communication	3
BUS 201	Career Development	1
ACCT 201	Principles of Financial Accounting	6
& ACCT 202	Principles of Managerial Accounting	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>2</sup>	
BSTA 301	Business Statistics <sup>5</sup>	3
CIS 205	Information Systems in Organizations	3
General Electives		6
<b>Business Breadth</b>		
FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
CLAW 301	Legal Environment of Business	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 401	Operations Management	3
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 General Education hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Finance Depth</b>		
ACCT 301	Intermediate Accounting I	3
FIN 304	Intermediate Corporate Finance	3
FIN 370	International Finance	3
FIN 401	Investments	3
FIN 403	Financial Derivatives	3
FIN 433	Financial Markets and Institutions	3
FIN 475	Capstone Seminar in Finance - CUE	3
FIN Electives <sup>6</sup>		3
<b>Minimum Total Hours</b>		<b>24</b>

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives		18

Transfer students must take a minimum of 12 credit hours in their major within the College of Business.

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

All course prerequisites must be followed.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
FIN 475	Capstone Seminar in Finance - CUE	

- College/School Requirements include six hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). A course satisfying the General Education Oral Communication requirement (COMM 111, COMM 112 or HON 214) is a prerequisite for BUS 301, but not included in the degree requirements. Students who select PHIL 222 to satisfy the Ethics requirement will also satisfy 3 hours of the Arts & Humanities requirement, which may require additional electives to complete the degree.
- Completes General Education requirements.
- For students with strong high school mathematics backgrounds, and for students who intend to pursue graduate work in finance, MATH 205 and MATH 206 is recommended. MATH 206 may be taken as a General Elective.
- If MATH 205/MATH 206 is taken, there will be 4-8 total hours of math, reducing the General Elective hours required to complete the degree.
- The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326.
- Co-operative Education is an elective curriculum option for up to six (6) hours of credit. Three hours of Co-op credit may count as the finance elective. If a student take a second 3-hour Co-op class, then it would count as a General Elective. Pass/Fail credit is given for approved COB co-op work experiences. Participation in the COB Co-op program is encouraged to strengthen the BSBA degree for enhanced student marketability.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ECON 202	Principles of Macroeconomics - SB	3
ENGL 101	Introduction to College Writing - WC	3
MATH 180	Elements of Calculus - QR	3-4
or MATH 205	or Calculus I - QR	
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Natural Science Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ACCT 201	Principles of Financial Accounting	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
ACCT 202	Principles of Managerial Accounting	3
CIS 205	Information Systems in Organizations	3
BUS 201	Career Development	1
HIST 101	History of Civilizations I - D2, SBH	3
or HIST 102	or History of Civilizations II - D2, SBH	
CIS 305	Data Analysis for Decision-Making	3
Select one of the following:		3
BSTA 301	Business Statistics	
MATH 109	Elementary Statistics - QR	
CJ 326	Quantitative Analysis - QR	
SOC 301	Introduction to Social Statistics	
PSYC 301	Statistics for Psychology	
<b>Hours</b>		<b>16</b>

**Spring**

FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>

**Year 3**

**Fall**

ACCT 301	Intermediate Accounting I	3
CLAW 301	Legal Environment of Business	3
FIN 304	Intermediate Corporate Finance	3
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
General Elective		3
<b>Hours</b>		<b>15</b>

**Spring**

BUS 301	Business Communication	3
FIN 370	International Finance	3
FIN 403	Financial Derivatives	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

**Year 4**

**Fall**

FIN 401	Investments	3
FIN 433	Financial Markets and Institutions	3
MGMT 401	Operations Management	3
General Elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

**Spring**

FIN 475	Capstone Seminar in Finance - CUE	3
Finance Elective		3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**French (BA)**



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Arts in French**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Department: Classical and Modern Languages (<http://modernlanguages.louisville.edu/>)  
 Academic Plan Code(s): FRENBA

**Program Information**

French is a language spoken on five continents and in over 50 countries of the world where it is used regularly in government, business, and, of course, in everyday life.

The French program at UofL offers a wide range of classes from beginning French to courses in literature, culture, media, linguistics, translation, and film.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

**Degree Summary**

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		22
Program/Major Requirements <sup>1</sup>		33
Supporting Courses		35
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in French requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) *	31

The following course is required by the program and can satisfy the respective General Education Requirements:

M L 250	Introduction to the French-Speaking World - AH, D2
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\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	12
	Electives in Social Sciences or Natural Sciences <sup>2,3</sup>	9
	WR—two approved courses at the 300 level or above <sup>4</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>French Department</b>		
FREN 320	French Skills Overview	3
FREN 321	French Conversation	3
FREN 322	Written Expression - WR <sup>5</sup>	3
FREN 331	French Civilization	3
FREN 332	France Today	3
FREN 455	Reading in French	3
FREN 523	Advanced Communication Skills	3
FREN 524	Theory and Practice of Translation	3
FREN 590	Senior Capstone - CUE	3
	French electives at the 300 level or above	6
<b>Minimum Total Hours</b>		<b>33</b>

Code	Title	Hours
<b>Supporting Courses</b>		
FREN 250 or M L 250	Introduction to the French-Speaking World - AH, D2 Introduction to the French-Speaking World - AH, D2	3
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	3

or HUM 595	Principles of Cultural History - WR	
Electives in Humanities disciplines, other than French, at 300 level or above <sup>6</sup>		6
Minimum Electives <sup>7</sup>		23

**Minimum Total Hours 35**

No more than 40 hours in French may be applied toward the Bachelor of Arts degree.

FREN 121-FREN 123 do not count toward the 40 hour maximum in French.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

FREN 590	Senior Capstone - CUE
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- Completion or demonstration / proof of competency at the intermediate level of a foreign language
- Additional 3 hours of Arts and Sciences programmatic requirement in Natural Sciences or Social Sciences is met in supporting coursework.
- In addition to courses counted toward General Education; 6 hours must be at the 300 level or above
- May be incorporated into other degree requirements
- Fulfills WR requirement.
- Majors in one foreign language may count courses at the 300 level or above in another foreign language toward this requirement.
- Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
FREN 121	Basic French I	4
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences with Lab - B		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
FREN 122	Basic French II	4
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
FREN 123	Basic French III	4
M L 250 or FREN 250	Introduction to the French-Speaking World - AH, D2 or Introduction to the French-Speaking World - AH, D2	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3

General Education: Cardinal Core Arts & Humanities-AH	3
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
FREN 320 French Skills Overview	3
Humanities Elective (300 level or above)	3
Social Science or Natural Science Elective (300 level or above)	3
General Elective or French Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
FREN 321 French Conversation	3
FREN 331 French Civilization	3
General Elective or French Elective	3
Humanities WR Elective (300 level or above)	3
Social Science or Natural Science Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
FREN 322 Written Expression - WR	3
FREN 332 France Today	3
General Elective or French Elective	3
General Elective	3
Social Science or Natural Science WR Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
FREN 455 Reading in French	3
FREN 523 Advanced Communication Skills	3
French Elective (300 level or above)	3
General Elective or French Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
FREN 524 Theory and Practice of Translation	3
FREN 590 Senior Capstone - CUE	3
Select one of the following:	3
HUM 595 Principles of Cultural History - WR	
HUM 590 ST: Interdisciplinary Perspectives on the Humanities - WR	
General Elective or French Elective	3
General Elective	2
<b>Hours</b>	<b>14</b>
<b>Minimum Total Hours</b>	<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Geography, Applied (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Applied Geography

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Geograph (<http://louisville.edu/geography/>)ic and Environmental Sciences  
Academic Plan Code(s): See Track Requirements tab

## Program Information

Geographers investigate the character and possible associations between a subject and its environment. The Department of Geographic and Environmental Sciences educates students to view the world in a spatial and time-dependent context to determine relationships between people and their immediate and global environment.

The department offers Bachelor of Science degrees in four different concentrations:

- Environmental Analysis: designed for students who are interested in the environment and environmental sustainability.
- Geospatial Technologies: designed for students who are interested in developing geospatial technologies like GIS and remote sensing.
- Human and Cultural Dynamics: designed for students interested in the forces that shape human environments like population trends, sustainable development, ethnic and racial segregation, globalization and geopolitics.
- Meteorology: designed for students interested in operational meteorology and meets NOAA requirements to work for the National Weather Service.
- Urban Analysis: designed for students interested in the various processes that shape urban environments.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

### Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		13-15
Program/Major Requirements <sup>1</sup>		36
Supporting Courses		6-26
Track Requirements		15-27
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan. The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
GEOG 200	Human Geography in a Changing World - SB, D2	
GEOG 300	Globalization and Diversity - D2, SB	
GEOS 200	The Global Environment - S	

\* Meteorology track also requires GEOS 220/ PHYS 220, PHYS 295, PHYS 298 and MATH 205.

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language <sup>2</sup>		6-8
Electives in Natural Sciences or Humanities at the 300 level or above <sup>3</sup>		6
WR—two approved courses at the 300 level or above <sup>4</sup>		
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Geography and Geosciences</b>		
GEOG 200	Human Geography in a Changing World - SB, D2	3
GEOG 256	Introduction to Quantitative Methods in Geography and Geosciences - QR	3
GEOG 300	Globalization and Diversity - D2, SB	3
GEOG 350	Introduction to Mapping and Geospatial Technologies	3
GEOG 356	Introduction to Spatial Statistics	3
GEOG 361	Sustainable Human Environments - WR <sup>3</sup>	3
GEOG 441	Senior Thesis Proposal - WR <sup>3</sup>	3
GEOG 442	Senior Thesis - CUE, WR <sup>3</sup>	3
GEOG 558	Introduction to Geographic Information Systems	3
GEOS 200	The Global Environment - S	3
Electives in Geography or Geosciences at 300 level or above <sup>5</sup>		6
<b>Minimum Total Hours</b>		<b>36</b>

Code	Title	Hours
<b>Track Requirements (see Track Requirements tab)</b>		<b>15-27</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
GEOG 442	Senior Thesis - CUE, WR	

- <sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.
- <sup>2</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- <sup>3</sup> Students in the Meteorology track satisfy this requirement by completing the track. Please consult the Track Requirements tab for more information.
- <sup>4</sup> Fulfills WR requirement.
- <sup>5</sup> Students in the Meteorology track satisfy this requirement by completing the track's supporting courses requirements. Please see the Track Requirements tab for more information.

## Track Requirements

### Track in Meteorology

Academic Plan Code(s): GEOGBS\_MET

Code	Title	Hours
GEOS/PHYS 220	Introduction to Weather and Climate - S	3
GEOS 305/ PHYS 360	Introduction to Weather Analysis	3
GEOS 363	Climate Science	3

GEOS 366/ PHYS 465	Dynamic Meteorology	3
GEOS 370 or PHYS 361	Thermodynamic Meteorology Atmospheric Thermodynamics	3
GEOS 452/ PHYS 362	Physical Meteorology	3
GEOS 465/ PHYS 365	Mesoscale Meteorology	3
GEOS/PHYS 469	Synoptic Meteorology	3
GEOG 355	Introduction to Remote Sensing	3
<b>Minimum Total Hours</b>		<b>27</b>

Code	Title	Hours
<b>Supporting Courses for Meteorology</b>		
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 350	Differential Equations for the Physical Sciences	4
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
Select one course from the following:		3
CSE 130	Introduction to Programming Languages	
GEOG 385	Introduction to Programming for GIS and Spatial Data Analysis	
GEOS 564	Hydrology	
CHEM 341	Organic Chemistry I	
CHEM 441	Elements of Physical Chemistry	
CHEM 465	Physical Chemistry I	
Minimum Electives <sup>1,2</sup>		0-26
<b>Minimum Total Hours</b>		<b>24-50</b>

- <sup>1</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.
- <sup>2</sup> Some free electives at the 300+ level may be required to reach a minimum of 50 hours at the 300+ level.

### Track in Environmental Analysis

Academic Plan Code(s): GEOGBS\_ENV

Code	Title	Hours
<b>Environmental Foundation</b>		
GEOG 340	Environmental Conflict in the United States: Historical Foundations & Contemporary Problems - D1, SBH	3
GEOS 360	Global Environmental Change	3
<b>Environmental Specialization</b>		
Select three of the following:		9
GEOS 301	Geology for Scientists and Engineers	
GEOS 363	Climate Science	
GEOS 365	Biogeography	
GEOS 367	Geomorphology	
GEOS 564	Hydrology	
GEOS 565	Natural Hazards	

GEOS 570	Water Resource Management	
GEOS 571	GIS and Water Resources	
GEOG 355	Introduction to Remote Sensing	
GEOG 540	Geography and Human-Environment Interactions	

**Minimum Total Hours** 15

Code	Title	Hours
<b>Supporting Courses for Environmental Analysis</b>		
Electives in Social Sciences, other than Geography, at the 300 level or above		6

### Track in Geospatial Technologies

Academic Plan Code(s): GEOGBS\_GST

Code	Title	Hours
<b>Geospatial Technologies Foundation</b>		
GEOG 355	Introduction to Remote Sensing	3
GEOG 385	Introduction to Programming for GIS and Spatial Data Analysis	3

**Geospatial Technologies Specialization**  
Select three of the following: 9

GEOG 522	GIS and Public Health	
GEOG 530	Transportation Geography	
GEOG 531	GIS & Urban Demographic Analysis	
GEOG 556	Advanced Remote Sensing	
GEOG 559	Advanced Geographic Information Systems	
GEOG 583	Spatial and Non-Spatial Database Management	
GEOS 571	GIS and Water Resources	

**Minimum Total Hours** 15

Code	Title	Hours
<b>Supporting Courses for Geospatial Technologies</b>		
Electives in Social Sciences, other than Geography, at the 300 level or above		6

### Track in Human and Cultural Dynamics

Academic Plan Code(s): GEOGBS\_HCD

Code	Title	Hours
<b>Human and Cultural Dynamics Foundation</b>		
GEOG 320	Geopolitics	3
GEOG 331	Population Geography	3

**Human and Cultural Dynamics Specialization**  
Select three of the following: 9

GEOG 324	Race and Place	
GEOG 500	Globalization Seminar	
GEOG 510	Urbanism in the Global South: Cities and Space	
GEOG 521	Medical Geography	
GEOG 524	Food and Race	
GEOG 540	Geography and Human-Environment Interactions	

**Minimum Total Hours** 15

Code	Title	Hours
<b>Supporting Courses in Human and Cultural Dynamics</b>		
	Electives in Social Sciences, other than Geography, at the 300 level or above	6

## Track in Urban Analysis

Academic Plan Code(s): GEOGBS\_URA

Code	Title	Hours
<b>Urban Analysis Foundation</b>		
GEOG 327	Economic Geography	3
GEOG 328	Urban Geography	3
<b>Urban Analysis Specialization</b>		
	Select three of the following:	9
GEOG 331	Population Geography	
GEOG 510	Urbanism in the Global South: Cities and Space	
GEOG 529	Geography of Urban Issues	
GEOG 530	Transportation Geography	
GEOG 531	GIS & Urban Demographic Analysis	
GEOG 535	GIS and Retail Site Analysis	
GEOG 536	Sustainable Transportation	
<b>Minimum Total Hours</b>		<b>15</b>

Code	Title	Hours
<b>Supporting Courses in Urban Analysis</b>		
	Electives in Social Sciences, other than Geography, at the 300 level or above	6

## Flight Plan

### Track in Environmental Analysis

Academic Plan Code(s): GEOGBS ENV

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
Foreign Language 1		3-4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
GEOG 200	The Global Environment - S	3
<b>Hours</b>		<b>13-14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities		3
General Education: Cardinal Core Quantitative Reasoning - QR		
Foreign Language 2		3-4
GEOG 200	Human Geography in a Changing World - SB, D2	3
General Elective		3
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Oral Communication - OC		3
GEOG 256	Introduction to Quantitative Methods in Geography and Geosciences - QR	3

GEOG 300	Globalization and Diversity - D2, SB	3
GEOG 350	Introduction to Mapping and Geospatial Technologies	3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
GEOG 356	Introduction to Spatial Statistics	3
GEOG 558	Introduction to Geographic Information Systems	3
GEOG 340	Environmental Conflict in the United States: Historical Foundations & Contemporary Problems - D1, SBH	3
GEOG 360	Global Environmental Change	3
<b>Hours</b>		<b>15</b>

<b>Year 3</b>		
<b>Fall</b>		
GEOG 361	Sustainable Human Environments - WR	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Humanities/Natural Science Elective (300 level or above)		3
Social Science Elective (300 level or above)		3
Environmental Analysis Track Course		3
General Elective		2
<b>Hours</b>		<b>18</b>

<b>Spring</b>		
Environmental Analysis Track Course		3
Environmental Analysis Track Course		3
Geography/Geosciences Elective (300 level or above)		3
Humanities or Natural Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
Geography/Geosciences Elective (300 level or above)		3
GEOG 441	Senior Thesis Proposal - WR	3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Social Science Elective (300 level or above)		3
GEOG 442	Senior Thesis - CUE, WR	3
General Elective		3
General Elective		3
General Elective (if needed)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-123</b>

### Track in Geospatial Technologies

Academic Plan Code(s): GEOGBS GST

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
GEOG 200	The Global Environment - S	3
Foreign Language 1		3-4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>13-14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3

General Education: Cardinal Core Arts & Humanities - AH	3
General Education: Cardinal Core Quantitative Reasoning - QR	3
Foreign Language 2	3-4
GEOG 200 Human Geography in a Changing World - SB, D2	3
<b>Hours</b>	<b>15-16</b>
<b>Year 2</b>	
<b>Fall</b>	
General Education: Cardinal Core Oral Communication - OC	3
GEOG 256 Introduction to Quantitative Methods in Geography and Geosciences - QR	3
GEOG 300 Globalization and Diversity - D2, SB	3
GEOG 350 Introduction to Mapping and Geospatial Technologies	3
GEOG 355 Introduction to Remote Sensing	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Humanities or Natural Science Elective (300 level or above)	3
GEOG 356 Introduction to Spatial Statistics	3
GEOG 558 Introduction to Geographic Information Systems	3
General Elective	3
<b>Hours</b>	<b>12</b>
<b>Year 3</b>	
<b>Fall</b>	
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
General Education: Cardinal Core Natural Sciences with Lab - B	4
GEOG 361 Sustainable Human Environments - WR	3
Geospatial Technologies Track Course	3
General Elective	3
General Elective	1
<b>Hours</b>	<b>17</b>
<b>Spring</b>	
Humanities or Natural Science Elective (300 level or above)	3
Geospatial Technologies Track Course	3
Geospatial Technologies Track Course	3
GEOG 385 Introduction to Programming for GIS and Spatial Data Analysis	3
Geography/Geosciences Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
GEOG 441 Senior Thesis Proposal - WR	3
Geography/Geosciences Elective (300 level or above)	3
Social Science Elective (300 level or above)	3
General Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
GEOG 442 Senior Thesis - CUE, WR	3
Social Science Elective (300 level or above)	3
General Elective	3
General Elective	3
General Elective	4
<b>Hours</b>	<b>16</b>
<b>Minimum Total Hours</b>	<b>118-120</b>

## Track in Human and Cultural Dynamics

Academic Plan Code(s): GEOGBS HCD

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 1		3-4
GEOG 200	The Global Environment - S	3
<b>Hours</b>		<b>13-14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 2		3-4
GEOG 200	Human Geography in a Changing World - SB, D2	3
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
Humanities/Natural Science Elective (300 level or above)		3
General Education: Cardinal Core Oral Communication - OC		3
GEOG 256	Introduction to Quantitative Methods in Geography and Geosciences - QR	3
GEOG 300	Globalization and Diversity - D2, SB	3
GEOG 350	Introduction to Mapping and Geospatial Technologies	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 331	Population Geography	3
GEOG 356	Introduction to Spatial Statistics	3
GEOG 558	Introduction to Geographic Information Systems	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
GEOG 320	Geopolitics	3
GEOG 361	Sustainable Human Environments - WR	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Human & Cultural Dynamics Track Course		3
Social Science Elective (300 level or above)		3
General Elective		1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
Humanities/Natural Science Elective (300 level or above)		3
Human & Cultural Dynamics Track Course		3
General Elective		3
Human & Cultural Dynamics Track Course		3
Geography/Geosciences Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Social Science Elective (300 level or above)		3
GEOG 441	Senior Thesis Proposal - WR	3
Geography/Geosciences Elective (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 442	Senior Thesis - CUE, WR	3
General Elective		3
General Elective		3

General Elective	3
General Elective (if needed)	4
<b>Hours</b>	<b>16</b>
<b>Minimum Total Hours</b>	<b>121-123</b>

## Track in Meteorology

Academic Plan Code(s): GEOGBS MET

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
GEOS 200	The Global Environment - S	3
ENGL 101	Introduction to College Writing - WC	3
GEOS 220 or PHYS 220	Introduction to Weather and Climate - S or Introduction to Weather and Climate - S	3
MATH 205	Calculus I - QR	4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
GEOG 200	Human Geography in a Changing World - SB, D2	3
GEOS 363	Climate Science	3
MATH 206	Calculus II	4
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
GEOG 256	Introduction to Quantitative Methods in Geography and Geosciences - QR	3
Foreign Language		3-4
GEOS 305	Introduction to Weather Analysis	3
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
GEOG 558	Introduction to Geographic Information Systems	3
GEOS 370	Thermodynamic Meteorology	3
PHYS 299	Introductory Electricity, Magnetism and Light	4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language		3-4
<b>Hours</b>		<b>16-17</b>
<b>Year 3</b>		
<b>Fall</b>		
GEOG 300	Globalization and Diversity - D2, SB	3
GEOG 350	Introduction to Mapping and Geospatial Technologies	3
GEOG 355	Introduction to Remote Sensing	3
GEOS 366	Dynamic Meteorology	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GEOG 356	Introduction to Spatial Statistics	3
GEOS 465	Mesoscale Meteorology	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Humanities/Natural Science Elective (300 level or above)		3
Social Science Elective, other than Geography (300 level or above)Course		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
PHYS 350	Differential Equations for the Physical Sciences	4
GEOG 361	Sustainable Human Environments - WR	3

GEOG 441	Senior Thesis Proposal - WR	3
GEOS 452	Physical Meteorology	3
Social Science Elective, other than Geography (300 level or above)		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GEOG 442	Senior Thesis - CUE, WR	3
GEOS 469	Synoptic Meteorology	3
Humanities/Natural Science Elective (300 level or above)		3
Humanities/Natural Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-123</b>

## Track in Urban Analysis

Academic Plan Code(s): GEOGBS URA

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
Foreign Language 1		3-4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
GEOS 200	The Global Environment - S	3
<b>Hours</b>		<b>13-14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 2		3-4
GEOG 200	Human Geography in a Changing World - SB, D2	3
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Oral Communication - OC		3
GEOG 256	Introduction to Quantitative Methods in Geography and Geosciences - QR	3
GEOG 300	Globalization and Diversity - D2, SB	3
GEOG 327	Economic Geography	3
GEOG 350	Introduction to Mapping and Geospatial Technologies	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD1		3
GEOG 356	Introduction to Spatial Statistics	3
GEOG 558	Introduction to Geographic Information Systems	3
Humanities or Natural Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
General Education: Cardinal Core Natural Sciences with Lab - B		4
GEOG 361	Sustainable Human Environments - WR	3
GEOG 328	Urban Geography	3
Urban Analysis Track Course		3
General Elective		1
General Elective		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
Humanities or Natural Science Elective (300 level or above)		3

Urban Analysis Track Course	3
Urban Analysis Track Course	3
Geography/Geosciences Elective (300 level or above)	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
GEOG 441 Senior Thesis Proposal - WR	3
Geography/Geosciences Elective (300 level or above)	3
Social Science Elective (300 level or above)	3
General Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
GEOG 442 Senior Thesis - CUE, WR	3
Social Science Elective (300 level or above)	3
General Elective	3
General Elective	3
General Elective	4
<b>Hours</b>	<b>16</b>
<b>Minimum Total Hours</b>	<b>121-123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Health and Human Performance (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Health and Human Performance

Unit: College of Education and Human Development (<http://www.louisville.edu/edu/>)

Department: Health & Sports Sciences (HSS) (<http://louisville.edu/education/departments/hss/>)

Academic Plan Code(s): See Track Requirements tab.

## Program Requirements

All students completing the Bachelor of Science degree in Health and Human Performance must complete the core classes, program requirements, and at least one track, along with appropriate related and supporting or elective courses. The core provides students with a background in the social, physiological and historical knowledge needed for their chosen profession.

The Exercise Science track prepares students for careers as exercise professionals in the specific fields of strength and conditioning, fitness and corporate wellness, and clinical rehabilitation. Curriculum is designed to maximize certification exam success and follows guidelines set by the American College of Sports Medicine and the National Strength and Conditioning Association.

The Youth Sports Development track prepares students by integrating knowledge of sports skills, fitness skills, coaching skills, and teaching skills. Curriculum is designed to prepare students for careers in coaching, fitness organizations, and youth leagues.

The Health and Physical Education P-12 Teacher Certification track assists students in acquiring the skills, knowledge, and dispositions to become effective and committed health and physical education teachers.

Extensive school-based fieldwork experiences are integrated into the curriculum.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
(At least 3 hours of General Education requirements may be satisfied through coursework required by the degree program)		
	College/School Requirements	6
	Program/Major Requirements <sup>1</sup>	25
	Track Requirements <sup>1</sup>	63-65
<b>Minimum Total Hours</b>		<b>123</b>

<sup>1</sup> Some courses required in this degree program may satisfy multiple requirements. To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements or reduce the number of available electives within a track. See the Degree Requirements and Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students must have completed a minimum of 45 credit hours and must have earned a minimum cumulative UofL grade point average of 2.25.

Students must have completed HSS 184 and HSS 320 with a grade of B-minus or higher, and HSS 202 with a grade of C or higher.

In addition to the requirements above, admission to the Health and Physical Education track also requires:

- 2.75 or higher overall GPA
- Minimum test scores as required by the Education Professional Standards Board
- C or better in ENGL 102 (or equivalent) and in Oral Communication course
- Completion of Pre-Professional Courses with a B-minus or better
- Any other requirements as outlined in Application.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

The following course is required by the program and should be taken to fulfill the respective General Education Requirement:

HSS 293	Social and Psychological Dimensions of Physical Activity - SB
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All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the minimum number of hours listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
HSS 181	First-Year Experience	1
	Select two (2) Physical Activity Courses (see list below)	2
HSS 184	Healthy Lifestyles I	3
<b>Minimum Total Hours</b>		<b>6</b>

## Program/Major Requirements

Code	Title	Hours
<b>Health and Human Performance Core</b>		
HSS 180	First Aid and Safety Education	3
HSS 202	Human Anatomy & Physiology <sup>2</sup>	3
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	3
HSS 302 or HSS 303	Nutrition in Healthy Living Human Nutrition	3
HSS 318 or HSS 319	Diverse Populations in Physical Activity and Health <sup>3</sup> Adapted Physical Education	3
HSS 320	Growth and Motor Development Across the Lifespan	3
HSS 377	Introduction to Statistics in Health and Human Performance	3

HSS 387 or HSS 310	Biomechanics <sup>4</sup> Healthy Lifestyles II	3
HSS 402	Practicum in Health and Human Performance	1

**Minimum Total Hours 25**

Code	Title	Hours
<b>Track Requirements (see Track Requirements tab)</b>		<b>63-65</b>

Degree Requirements

A minimum of 123 hours with an overall GPA of 2.25 is required. A minimum of 50 hours at the 300-level are required. No grades of D will be accepted in HSS courses used to meet program core or track requirements.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing one of the following:

*Track in Exercise Science*

HSS 486	Advanced Exercise Physiology - CUE
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*Track in Youth Sport Development*

HSS 455	Current Trends and Issues in Health Education - CUE
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*Track in Health and Physical Education*

HSS 477	Capstone Seminar: Initial Teacher Certification - CUE
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Code	Title	Hours
<b>Physical Activity Courses</b>		

HSS 101	Beginning Swimming	1
HSS 102	Advanced Swimming	1
HSS 103	Life Saving	1
HSS 104	Scuba	1
HSS 108	Water Fitness	1
HSS 109	Weight Training	1
HSS 110	Physical Fitness and Conditioning	1
HSS 111	Aerobic Fitness	1
HSS 112	Mini-Marathon Training	1
HSS 114	Fitness Walking	1
HSS 115	Step Aerobics	1
HSS 116	Introduction to Yoga	1
HSS 117	Intermediate Yoga	1
HSS 118	Beginning Martial Arts	1
HSS 119	Intermediate Martial Arts	1
HSS 120	Beginning Racquetball	1
HSS 121	Billiards and Table Games	1
HSS 122	Badminton	1
HSS 123	Tennis	1
HSS 124	Advanced Tennis	1
HSS 125	Golf	1
HSS 126	Tumbling and Apparatus	1
HSS 127	Beginning Fencing	1
HSS 128	Pickleball	1
HSS 132	Canoeing	1
HSS 133	Backpacking and Hiking	1

HSS 134	Rappelling	1
HSS 136	Soccer	1
HSS 137	Volleyball	1
HSS 138	Basketball	1
HSS 140	Softball	1
HSS 144	Physical Activity for the Older Adult	1
HSS 145	Activity for the Physically Challenged	1
HSS 150	Special Topics: Physical Education Activities	1
HSS 160	Beginning Aerobic Dance	1
HSS 161	Intermediate Aerobic Dance	1
HSS 162	Beginning Modern Dance	1
HSS 163	Intermediate Modern Dance	1
HSS 164	Beginning Country Western Dance	1
HSS 165	Ballroom Dance	1
HSS 166	African Dance	1
HSS 167	Country Line Dance	1

<sup>1</sup> To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements (or decrease the listed electives).

<sup>2</sup> BIOL 260 may be substituted

<sup>3</sup> HSS 319 is required for tracks in Health & Physical Education and Youth Sport Development.

<sup>4</sup> HSS 387 is required for the track in Exercise Science. HSS 310 is required for tracks in Health & Physical Education and Youth Sport Development.

## Track Requirements

### Track in Exercise Science

Academic Plan Code(s): HHP\_BS\_ESS

Code	Title	Hours
HSS 386	Advanced Anatomy and Physiology I <sup>1</sup>	3
HSS 388	Principles of Athletic Conditioning	3
HSS 389	Prevention and Care of Athletic Injuries I	3
HSS 390	Advanced Anatomy and Physiology II <sup>2</sup>	3
HSS 394	Foundations of Exercise Physiology	3
HSS 395	Fitness Assessment and Prescription	3
HSS 396	Lab Methods in Fitness Evaluation	3
HSS 486	Advanced Exercise Physiology - CUE	3
HSS 492	Exercise Science Internship	3
Select one of the following:		2-3
HSS 507	Senior Seminar in Exercise Physiology	
HSS 381 & HSS 391	Anatomy and Physiology Lab I & Anatomy and Physiology Lab II <sup>3,4</sup>	
Electives <sup>5</sup>		34-35
<b>Minimum Total Hours</b>		<b>64</b>

Code	Title	Hours
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### Culminating Undergraduate Experience (Graduation requirement)

Requirement fulfilled by completing:

HSS 486 Advanced Exercise Physiology - CUE

<sup>1</sup> BIOL 261 may be substituted for HSS 386.

<sup>2</sup> BIOL 465 may be substituted for HSS 390.

<sup>3</sup> BIOL 262 may be substituted for HSS 381.

<sup>4</sup> HSS 381 should be taken concurrently with or after previous completion of HSS 386. HSS 391 should be taken with or after previous completion of HSS 390.

<sup>5</sup> Consult advisor

## Track in Youth Sport Development

Academic Plan Code(s): HHP\_BS\_PNT

Code	Title	Hours
HSS 200	Introduction to Health Education	3
HSS 270	Introduction to Physical Education	3
HSS 271	Teaching Physical Education	3
HSS 326	Movement Skills and Concepts in Physical Education	3
HSS 327	Invasion and Net Games	3
HSS 328	Target and Fielding Games	3
HSS 384	Teaching Health Education	3
HSS 455	Current Trends and Issues in Health Education - CUE	3
HSS Approved Elective Courses <sup>1</sup>		6
General Electives <sup>2</sup>		34
<b>Minimum Total Hours</b>		<b>64</b>

Code	Title	Hours
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### Culminating Undergraduate Experience (Graduation requirement)

Requirement fulfilled by completing:

HSS 455 Current Trends and Issues in Health Education - CUE 3

<sup>1</sup> These HSS electives must be approved by an HSS faculty advisor.

<sup>2</sup> Consult advisor.

## Track in Health and Physical Education

Academic Plan Code(s): HHP\_BS\_PSH

### Midpoint Assessment Prior to Student Teaching

All content methods classes passed with a cumulative 3.0 GPA; Electronic documentation of approved field experiences including assessment of dispositions; Completion of all state regulations and additional requirements as identified by the Office of Educator Development and Clinical Practice; Positive recommendation from the Educator Certification Committee.

Code	Title	Hours
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### Student Teaching Requirement <sup>1</sup>

HSS 414 Student Teaching in Elementary Physical Education 3

HSS 415	Student Teaching in Health Education	3
HSS 416	Student Teaching in Secondary Physical Education	3
<b>Pre-Professional Courses</b>		
EDSP 260	Classroom Behavior Management	3
EDTP 107	Human Development and Learning	3
HSS 200	Introduction to Health Education	3
HSS 270	Introduction to Physical Education	3
HSS 271	Teaching Physical Education	3
HSS 326	Movement Skills and Concepts in Physical Education	3
HSS 327	Invasion and Net Games	3
HSS 328	Target and Fielding Games	3
HSS 384	Teaching Health Education	3
HSS 455	Current Trends and Issues in Health Education - CUE	3
General Electives		7
<b>Professional Program Courses</b> <sup>1</sup>		
EDTP 420	Reading and Writing Across the Curriculum	3
HSS 404	Methods in Elementary Physical Education	4
HSS 405	Methods in Secondary Physical Education	4
HSS 477	Capstone Seminar: Initial Teacher Certification - CUE	3
HSS 485	Methods in Health Education	4
<b>Minimum Total Hours</b>		<b>64</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
HSS 477	Capstone Seminar: Initial Teacher Certification - CUE <sup>1</sup>	3

**Certification Assessment**

Eligible for degree; Passing scores on required PRAXIS exams; Assessment of dispositions and standards in courses completed after mid-point. Positive recommendation from the Educator Certification Committee.

<sup>1</sup> Courses restricted to students admitted to professional teacher education program.

**Flight Plan**

**Track in Exercise Science**

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
ENGL 101	Introduction to College Writing - WC	3
HSS 180	First Aid and Safety Education	3
HSS 181	First-Year Experience	1
Physical Activity Course (HSS 101 - HSS 167)		1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HSS 184	Healthy Lifestyles I	3

General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
HSS 202	Human Anatomy & Physiology	3
HSS 320	Growth and Motor Development Across the Lifespan	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Natural Sciences - S		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	3
HSS 381	Anatomy and Physiology Lab I <sup>1</sup>	1
HSS 386	Advanced Anatomy and Physiology I	3
HSS 387	Biomechanics	3
General Elective		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
HSS 302 or HSS 303	Nutrition in Healthy Living or Human Nutrition	3
HSS 318	Diverse Populations in Physical Activity and Health	3
HSS 394	Foundations of Exercise Physiology	3
Physical Activity Course (HSS 101 - HSS 167)		1
General Elective		3
General Elective		1
General Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HSS 377	Introduction to Statistics in Health and Human Performance	3
HSS 388	Principles of Athletic Conditioning	3
HSS 390	Advanced Anatomy and Physiology II	3
HSS 391	Anatomy and Physiology Lab II (or General Elective) <sup>1</sup>	1
General Elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
HSS 395	Fitness Assessment and Prescription	3
HSS 396	Lab Methods in Fitness Evaluation	3
HSS 389	Prevention and Care of Athletic Injuries I	3
HSS 402	Practicum in Health and Human Performance	1
General Elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HSS 486	Advanced Exercise Physiology - CUE	3
HSS 492	Exercise Science Internship	3
HSS 507	Senior Seminar in Exercise Physiology (or General Elective) <sup>1</sup>	3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>123</b>

<sup>1</sup> Must choose either HSS 507 or HSS 381 and 391. HSS 381 must be taken concurrently or after previous completion of HSS 386. HSS 391 must be taken concurrently or after previous completion of HSS 390.

## Track in Youth Sport Development

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
ENGL 101	Introduction to College Writing - WC	3
HSS 181	First-Year Experience	1
Physical Activity Course (HSS 101 - HSS 167)		1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HSS 180	First Aid and Safety Education	3
HSS 184	Healthy Lifestyles I	3
Physical Activity Course (HSS 101 - HSS 167)		1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
HSS 200	Introduction to Health Education	3
HSS 270	Introduction to Physical Education	3
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HSS 202	Human Anatomy & Physiology	3
HSS 302	Nutrition in Healthy Living	3
or HSS 303	or Human Nutrition	
HSS 320	Growth and Motor Development Across the Lifespan	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
HSS 271	Teaching Physical Education	3
HSS 310	Healthy Lifestyles II	3
HSS 319	Adapted Physical Education	3
HSS 377	Introduction to Statistics in Health and Human Performance	3
HSS 402	Practicum in Health and Human Performance	1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HSS 326	Movement Skills and Concepts in Physical Education	3
HSS 327	Invasion and Net Games	3
HSS 328	Target and Fielding Games	3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

### Year 4

<b>Fall</b>		
HSS 384	Teaching Health Education	3
HSS Approved Elective Course		3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HSS 455	Current Trends and Issues in Health Education - CUE	3
HSS Approved Elective Course		3
General Elective (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>123</b>

## Track in Health and Physical Education

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
ENGL 101	Introduction to College Writing - WC	3
HSS 181	First-Year Experience	1
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Physical Activity Course (HSS 101 - HSS 167)		1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HSS 180	First Aid and Safety Education	3
HSS 184	Healthy Lifestyles I	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Physical Activity Course (HSS 101 - HSS 167)		1
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
HSS 200	Introduction to Health Education	3
HSS 270	Introduction to Physical Education	3
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HSS 202	Human Anatomy & Physiology	3
HSS 302	Nutrition in Healthy Living	3
or HSS 303	or Human Nutrition	
HSS 310	Healthy Lifestyles II	3
HSS 320	Growth and Motor Development Across the Lifespan	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
<b>Hours</b>		<b>18</b>
<b>Year 3</b>		
<b>Fall</b>		
HSS 271	Teaching Physical Education	3

HSS 319	Adapted Physical Education	3
HSS 377	Introduction to Statistics in Health and Human Performance	3
HSS 384	Teaching Health Education	3
HSS 402	Practicum in Health and Human Performance	1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
HSS 326	Movement Skills and Concepts in Physical Education	3
HSS 327	Invasion and Net Games	3
HSS 328	Target and Fielding Games	3
HSS 455	Current Trends and Issues in Health Education - CUE	3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 420	Reading and Writing Across the Curriculum	3
HSS 404	Methods in Elementary Physical Education	4
HSS 405	Methods in Secondary Physical Education	4
HSS 485	Methods in Health Education	4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HSS 414	Student Teaching in Elementary Physical Education	3
HSS 415	Student Teaching in Health Education	3
HSS 416	Student Teaching in Secondary Physical Education	3
HSS 477	Capstone Seminar: Initial Teacher Certification - CUE	3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## History (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in History

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: History (<http://louisville.edu/history/>)  
Academic Plan Code(s): See Track Requirements tab.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Program Information

The University of Louisville Department of History offers a comprehensive undergraduate program. Our course offerings include an extensive array of classes covering American, South American, European, African, South Asian, and Asian history. Courses are taught by an internationally recognized faculty. Students who choose to pursue a history major or minor receive extensive, one-on-one advising with the department's faculty.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		22
Program/Major Requirements <sup>1</sup>		39
Track Requirements		29
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA/MA in History Program

History majors who are considering pursuing a master's degree (MA) in History can speed up the process by applying some of their

undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students should apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Applicants must have a minimum overall GPA of 3.35, a History GPA of 3.35, and meet all other requirements for admission to the History Department's Master of Arts program (including at least 21 hours of history courses).

Students must retain a 3.35 GPA in history during their senior year to remain in the program.

## Departmental Admission Requirements

Admission to the BA in History requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA/MA in History Program

Interested students should apply for entry into the accelerated program no later than the end of their Junior year.

Interested students should:

1. Complete an application for admission to the History Department's Master of Arts program (including GRE scores, transcripts, two letters of recommendation, and a statement of purpose) no later than the end of their junior year.
2. Have a minimum overall grade point average (GPA) of 3.35, a history GPA of 3.35, and meet all other requirements for admission to the History Department's Master of Arts program (including at least 21 hours of history courses).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) *	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

HIST 101	History of Civilizations I - D2, SBH	
	or HIST 102 History of Civilizations II - D2, SBH	
	or HIST 103 The World Since 1900 - D2, SBH	
HIST 104	American History I - SBH, D1	
	or HIST 105 American History II - SBH, D1	

Courses above satisfy the SBH, D1 and D2 requirements; students will need to complete an additional course designated SB or SBH to complete the Social & Behavioral Sciences Requirement.

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101 Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of History</b>		
Take two (2) of the following courses:		6
HIST 101	History of Civilizations I - D2, SBH	
HIST 102	History of Civilizations II - D2, SBH	
	or HIST 103 The World Since 1900 - D2, SBH	
HIST 104	American History I - SBH, D1	
HIST 105	American History II - SBH, D1	
HIST 304	Historical Methods - WR	3
<i>Pre-Modern World</i> <sup>4</sup>		
Select one of the following:		3
HIST 301	Early Political Thought	
HIST 310	Studies in History	
HIST 339	Women in the Ancient World	
HIST 340	Ancient Mediterranean World	
HIST 341	The Ancient Near East	
HIST 342	Ancient Greece	
HIST 343	The Roman World	
HIST 344	Introduction to Ancient Egypt.	
HIST 345	Culture of the Ancient Near East	
HIST 346	Greek and Roman Culture	
HIST 350	Origins of Christianity	
HIST 351	Medieval Europe I	
HIST 352	Medieval Europe II	
HIST 355	European Ideas and Ideologies: Selected Topics - WR	
HIST 356	Islamic Middle East	
HIST 360	The Origins of Islam	
HIST 363	Russian History I	
HIST 393	African History Before 1800 - SBH, D2	
HIST 396	History of India	
HIST 397	Traditional China	
HIST 505	Research Seminar in World History - CUE, WR	
<i>The Americas (US, Caribbean/Latin America)</i> <sup>4</sup>		
Select three of the following. Courses must come from at least 2 fields:		9
HIST 302	Modern Political Thought	
HIST 305	Historical Geography of the United States	
HIST 310	Studies in History	
HIST 311	United States Economic History	
HIST 312	History of US Foreign Relations I	

HIST 313	Comparative Environmental History
HIST 314	History of US Foreign Relations II
HIST 315	United States Constitutional History I - WR
HIST 316	United States Constitutional History II - WR
HIST 317	African American Experience in Wartime
HIST 318	U.S. in the Sixties
HIST 319	African-American History I - D1, SBH
HIST 320	African-American History II - D1, SBH
HIST 321	Black Culture and U.S. Democracy
HIST 322	The History of the Civil Rights Movement, 1900 to Present
HIST 323	Modern American Social Movements
HIST 326	History of Childhood in America - D1, SBH, WR
HIST 327	American and U.S. Military History to 1877
HIST 328	American and U.S. Military History Since 1877
HIST 329	History of the New South
HIST 331	Colonial Latin America
HIST 332	Latin America, 1820 to Present
HIST 333	Women in Latin American History
HIST 359	History of Modern Science
HIST 361	Modern Jewish History: The 20th Century
HIST 362	The United States and the Middle East
HIST 504	Research Seminar in the Americas - WR, CUE

*The World*<sup>4</sup>

Select three of the following. Courses must come from at least 2 fields: 9

HIST 301	Early Political Thought
HIST 302	Modern Political Thought
HIST 308	Europe from 1500 to the French Revolution
HIST 309	Europe from 1800 to the Present
HIST 310	Studies in History
HIST 324	The History of Women, 1700 to the Present
HIST 339	Women in the Ancient World
HIST 340	Ancient Mediterranean World
HIST 342	Ancient Greece
HIST 343	The Roman World
HIST 345	Culture of the Ancient Near East
HIST 346	Greek and Roman Culture
HIST 350	Origins of Christianity
HIST 351	Medieval Europe I
HIST 352	Medieval Europe II
HIST 353	Europe in the Sixteenth Century
HIST 354	Renaissance Culture
HIST 355	European Ideas and Ideologies: Selected Topics - WR
HIST 356	Islamic Middle East
HIST 357	Middle Eastern History, 1453 to the Present - WR
HIST 358	The Scientific Revolution
HIST 359	History of Modern Science
HIST 360	The Origins of Islam
HIST 361	Modern Jewish History: The 20th Century
HIST 362	The United States and the Middle East
HIST 363	Russian History I

HIST 364	Russian History II
HIST 366	English History: Tudor Age to Welfare State
HIST 367	British Imperialism
HIST 368	History of France, 1598-1799
HIST 369	History of France, 1799 to the Present
HIST 375	Golden Age of Spain
HIST 376	War in the Modern Middle East - WR
HIST 377	The Ottoman Empire to 1800
HIST 378	The Ottoman Empire and Modern Turkey from 1800 - WR
HIST 384	Modern Culture
HIST 385	Russian Cultural History - WR
HIST 386	Modern Germany, 1848-1945: The Struggle for Unity
HIST 387	The Holocaust, Genocide, and Global Imagination - D2, SBH
HIST 396	History of India
HIST 397	Traditional China
HIST 398	Modern China
HIST 399	Modern Japan: Imperialism and Democracy
HIST 505	Research Seminar in World History - CUE, WR
History elective at the 300 level 3	
HIST 504	Research Seminar in the Americas - WR, CUE 3
HIST 505	Research Seminar in World History - CUE, WR 3

**Minimum Total Hours 39**

Code	Title	Hours
<b>Track Requirements (see the Track Requirements tab)</b> <sup>5</sup>		<b>29</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Once a student has declared a History major, the student must enroll in HIST 304 as 3 of the next 12 History credit hours. A grade of C or better must be earned in HIST 304.

Six hours of required 500-level history courses must be completed with a grade of C or better.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing one of the following:

HIST 401	Cooperative Internship in History - CUE
HIST 504	Research Seminar in the Americas - WR, CUE
HIST 505	Research Seminar in World History - CUE, WR

<sup>1</sup> Completion of the intermediate level of a single foreign language

<sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above

<sup>3</sup> May be incorporated into other degree requirements

<sup>4</sup> Courses numbered HIST 310, HIST 410, HIST 498, HIST 499, HIST 501, HIST 502, HIST 503 and HIST 540 may at times also fulfill area requirements; consult History Department

<sup>5</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Tracks

### Track in Humanities

Academic Plan Code(s): HISTBA\_HUM

Code	Title	Hours
<b>Supporting Courses</b>		
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	3
or HUM 595	Principles of Cultural History - WR	
Electives in the Division of Humanities at the 300 level or above		15
Minimum Electives		11
<b>Minimum Total Hours</b>		<b>29</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

### Track in Social Sciences

Academic Plan Code(s): HISTBA\_SSC

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in one department in the Social Sciences Division, other than History <sup>1</sup>		6
Electives in a second department in the Social Sciences Division, other than History <sup>1</sup>		6
Electives in Social Sciences Division, other than History, at the 300 level or above		6
Minimum Electives		11
<b>Minimum Total Hours</b>		<b>29</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

<sup>1</sup> In addition to courses counted toward General Education

### Flight Plan

### Track in Humanities

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HIST 101 or HIST 102 or HIST 103 or HIST 104 or HIST 105	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH or The World Since 1900 - D2, SBH or American History I - SBH, D1 or American History II - SBH, D1	3
Foreign Language 1		4
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3

HIST 101 or HIST 102 or HIST 103 or HIST 104 or HIST 105	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH or The World Since 1900 - D2, SBH or American History I - SBH, D1 or American History II - SBH, D1	3
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Foreign Language 2		4
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
General Education: Cardinal Core Natural Sciences with Lab - S+SL or B		4
<b>Hours</b>		<b>17</b>

<b>Year 2</b>		
<b>Fall</b>		
HIST 304	Historical Methods - WR	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 3		4
General Elective		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Oral Communication - OC		3
Humanities Elective (300 level or above)		3
300 Level History Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 3</b>		
<b>Fall</b>		
History: The Americas Area (300 level or above)		3
Humanities Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
History: Premodern World Area (300 level or above)		3
History: The World Area (300 level or above)		3
Humanities Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
History: The World Area (300 level or above)		3
History: The World Area (300 level or above)		3
History: The Americas Area (300 level or above)		3
HIST 504 or HIST 505	Research Seminar in the Americas - WR, CUE or Research Seminar in World History - CUE, WR	3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
HIST 505 or HIST 504	Research Seminar in World History - CUE, WR or Research Seminar in the Americas - WR, CUE	3
History: The Americas Area (300 level or above)		3
Select one of the following:		3
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	
HUM 595	Principles of Cultural History - WR	
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

**Minimum Total Hours 122**

## Track in Social Sciences

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 101 or GEN 100	Arts & Sciences First Year Experience or Student Success Center First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HIST 101 or HIST 102 or HIST 103 or HIST 104 or HIST 105	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH or The World Since 1900 - D2, SBH or American History I - SBH, D1 or American History II - SBH, D1	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 1		4
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 2		4
HIST 101 or HIST 102 or HIST 103 or HIST 104 or HIST 105	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH or The World Since 1900 - D2, SBH or American History I - SBH, D1 or American History II - SBH, D1	3
General Education: Cardinal Core Natural Science with Lab - S+SL or B		4
<b>Hours</b>		<b>14</b>
<b>Year 2</b>		
<b>Fall</b>		
HIST 304	Historical Methods - WR	3
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
300 level History Elective		3
General Education: Cardinal Core Arts & Humanities - AH		3
Humanities or Natural Science Elective		3
Social Science Elective (other than History)		3
Social Science Elective (other than History)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
History: The Americas Area (300 level or higher)		3
Social Science Elective (other than History at 300 level)		3
Social Science Elective (other than History)		3
Humanities or Natural Science Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
History: Premodern Area (300 level or above)		3
History: The World Area (300 level or above)		3
Social Science Elective (other than History at 300 level)		3
Social Science Elective (other than History)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
History: The Americas Area (300 level or above)		3
History: The World Area (300 level or above)		3
History: The World Area (300 level or above)		3
HIST 504 or HIST 505	Research Seminar in the Americas - WR, CUE or Research Seminar in World History - CUE, WR	3

Humanities or Natural Science Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HIST 505 or HIST 504	Research Seminar in World History - CUE, WR or Research Seminar in the Americas - WR, CUE	3
History: The Americas Area (300 level or above)		3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## History with 3+3 Track to Law (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in History with a 3+3 Track to Law

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: History (<http://louisville.edu/history/>)  
Academic Plan Code(s): HISTBA\_3+3

## Program Information

The College of Arts & Sciences and the Louis D. Brandeis School of Law have joined forces to create 3+3 Accelerated Law programs that

allow eligible students in the College of Arts & Sciences to begin law school in their senior year of undergraduate study. Students substitute undergraduate major requirements with the first 30 hours of law school, earning an undergraduate degree after their first year of law school and a Juris Doctor (JD) degree two years later. Students must have completed three years (6 semesters) of undergraduate course work, including transfer credit and credit earned in summers, prior to enrollment at Brandeis.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	39
	Law School Courses	30
	<b>Minimum Total Hours</b>	<b>122</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in History requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major. A 3.5 GPA is recommended by the School of Law (see below).

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Admission to Law School

Admission to the 3+3 track does not guarantee admission to the law school. Students seeking admission to law school must complete a law school application and satisfy all of Brandeis' admissions requirements, including its median GPA and LSAT expectations.

The law school requires that students seeking admission through the 3+3 program have completed three years of undergraduate course work, including transfer credit and credit earned in summer. It is recommended that students planning to pursue this track have a minimum cumulative GPA of 3.5.

For more information on Brandeis and its admissions requirements, please contact the Brandeis School of Law Office of Admissions (<http://louisville.edu/law/admissions/>). The office can also arrange for you to visit the law school and to sit in on a class.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

HIST 101	History of Civilizations I - D2, SBH	
	or HIST 102 History of Civilizations II - D2, SBH	
	or HIST 103 The World Since 1900 - D2, SBH	
HIST 104	American History I - SBH, D1	
	or HIST 105 American History II - SBH, D1	

Courses above satisfy the SBH, D1 and D2 requirements; students will need to complete an additional course designated SB or SBH to complete the Social & Behavioral Sciences Requirement.

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101 Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of History</b>		
	Take two (2) of the following:	6
HIST 101	History of Civilizations I - D2, SBH	
HIST 102	History of Civilizations II - D2, SBH	
	or HIST 103 The World Since 1900 - D2, SBH	
HIST 104	American History I - SBH, D1	
HIST 105	American History II - SBH, D1	
HIST 304	Historical Methods - WR <sup>4</sup>	3
HIST 504	Research Seminar in the Americas - WR, CUE	3
HIST 505	Research Seminar in World History - CUE, WR	3
	<i>Pre-Modern World</i> <sup>5</sup>	
	Select one of the following:	3
HIST 301	Early Political Thought	
HIST 340	Ancient Mediterranean World	
HIST 341	The Ancient Near East	
HIST 342	Ancient Greece	
HIST 343	The Roman World	
HIST 345	Culture of the Ancient Near East	
HIST 346	Greek and Roman Culture	
HIST 350	Origins of Christianity	

HIST 351	Medieval Europe I	
HIST 352	Medieval Europe II	
HIST 356	Islamic Middle East	
HIST 393	African History Before 1800 - SBH, D2	
<i>The Americas (US, Caribbean/Latin America)</i> <sup>5</sup>		
Select three of the following:		9
HIST 305	Historical Geography of the United States	
HIST 311	United States Economic History	
HIST 312	History of US Foreign Relations I	
HIST 313	Comparative Environmental History	
HIST 314	History of US Foreign Relations II	
HIST 315	United States Constitutional History I - WR	
HIST 316	United States Constitutional History II - WR	
HIST 317	African American Experience in Wartime	
HIST 318	U.S. in the Sixties	
HIST 319	African-American History I - D1, SBH	
HIST 320	African-American History II - D1, SBH	
HIST 321	Black Culture and U.S. Democracy	
HIST 322	The History of the Civil Rights Movement, 1900 to Present	
HIST 323	Modern American Social Movements	
HIST 324	The History of Women, 1700 to the Present	
HIST 326	History of Childhood in America - D1, SBH, WR	
HIST 327	American and U.S. Military History to 1877	
HIST 328	American and U.S. Military History Since 1877	
HIST 329	History of the New South	
HIST 331	Colonial Latin America	
HIST 332	Latin America, 1820 to Present	
HIST 333	Women in Latin American History	
HIST 361	Modern Jewish History: The 20th Century	
HIST 362	The United States and the Middle East	
<i>The World</i> <sup>5,6</sup>		
Select three of the following:		9
HIST 313	Comparative Environmental History	
HIST 341	The Ancient Near East	
HIST 345	Culture of the Ancient Near East	
HIST 350	Origins of Christianity	
HIST 356	Islamic Middle East	
HIST 357	Middle Eastern History, 1453 to the Present - WR	
HIST 362	The United States and the Middle East	
HIST 367	British Imperialism	
HIST 376	War in the Modern Middle East - WR	
HIST 377	The Ottoman Empire to 1800	
HIST 378	The Ottoman Empire and Modern Turkey from 1800 - WR	
HIST 393	African History Before 1800 - SBH, D2	
HIST 394	African History Since 1800 - SBH, D2	
HIST 395	Contemporary Africa	
HIST 396	History of India	
HIST 397	Traditional China	
HIST 398	Modern China	
HIST 399	Modern Japan: Imperialism and Democracy	

Free elective	3
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**Minimum Total Hours 39**

Code	Title	Hours
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**Law School Courses**

LAW 802	Torts I	3
LAW 803	Torts II	3
LAW 804	Contracts I	3
LAW 805	Contracts II	3
LAW 806	PROPERTY I	3
LAW 807	PROPERTY II	3
LAW 808	Civil Procedure I	3
LAW 810	Criminal Law	3
LAW 811	Lawyering Skills I	3
LAW 812	Lawyering Skills II	3

**Minimum Total Hours 30**

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

Six hours of required 500-level history courses must be completed with a grade of C or better.

Code	Title	Hours
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**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing one of the following:

HIST 504	Research Seminar in the Americas - WR, CUE
HIST 505	Research Seminar in World History - CUE, WR

- 1 Completion of the intermediate level of a single foreign language
- 2 In addition to courses counted toward General Education; 6 hours must be at 300 level or above.
- 3 May be incorporated into other degree requirements
- 4 Once a student has declared a History major, the student must enroll in HIST 304 as 3 of the next 12 History credit hours. A grade of C or better must be earned in HIST 304.
- 5 Courses numbered HIST 310, HIST 498, HIST 499, HIST 501, HIST 502, HIST 503 and HIST 540 may at times also fulfill area requirements; consult History Department.
- 6 Includes courses on the Middle East.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HIST 101 or HIST 102 or HIST 103	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH or The World Since 1900 - D2, SBH	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social/Behavioral - SB		3
Foreign Language 1		4
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		4

General Education: Cardinal Core Arts and Humanities-AH	3
General Education: Cardinal Core Oral Communication - OC	3
Foreign Language 2	4
<b>Hours</b>	<b>17</b>
<b>Year 2</b>	
<b>Fall</b>	
General Education: Cardinal Core Arts and Humanities - AH	3
General Education: Cardinal Core Natural Sciences - S	3
Foreign Language 3	4
HIST 104 American History I - SBH, D1 or HIST 105 or American History II - SBH, D1	3
HIST 304 Historical Methods - WR	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
General Education: Cardinal Core Arts and Humanities - AH	3
History The Americas Area Course (300 level or above)	3
History Pre-Modern World Area Course (300 level or above)	3
History The World Area Course (300 level or above)	3
History The Americas or The World Area Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
Humanities or Natural Science Elective (300 level or above)	3
History The World Area Course (300 level or above)	3
History The Americas Area Course (300 level or above)	3
HIST 504 Research Seminar in the Americas - WR, CUE or HIST 505 or Research Seminar in World History - CUE, WR	3
Free elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
HIST 505 Research Seminar in World History - CUE, WR or HIST 504 or Research Seminar in the Americas - WR, CUE	3
History The Americas or The World Area Elective (300 level or above)	3
Humanities or Natural Science Elective (300 level or above)	3
Humanities or Natural Science Elective (300 level or above)	3
<b>Hours</b>	<b>12</b>
<b>Year 4</b>	
<b>Fall</b>	
LAW 802 Torts I	3
LAW 804 CONTRACTS I	3
LAW 806 PROPERTY I	3
LAW 810 Criminal Law	3
LAW 811 Lawyering Skills I	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
LAW 803 Torts II	3
LAW 805 CONTRACTS II	3
LAW 807 PROPERTY II	3
LAW 808 Civil Procedure I	3
LAW 812 Lawyering Skills II	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Humanities (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Humanities

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Comparative Humanities (<http://louisville.edu/humanities/>)  
Academic Plan Code(s): See Track Requirements tab.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Program Information

The Department of Comparative Humanities explores the question, what does it mean to be human? Using many humanities disciplines such as literature, religion, Jewish Studies, film, philosophy, theatre, music, visual arts, and linguistics, our courses and our major invite students to explore the answers to this question from global, historical, and contemporary viewpoints.

Students are challenged to develop critical reading, writing, and thinking skills, but they are also challenged through project-based assignments that inspire them to apply what they have learned in creative and complex ways.

As a result, the degree provides flexible, transferable skills that prepare our graduates for the dynamic contemporary job market.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	18
	Supporting Courses	32
	Track Requirements	18
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA/MA in Humanities

Humanities majors who are considering pursuing a master's degree (MA) in Humanities can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Applicants must have a minimum overall grade point average and major grade point average of 3.35 for admission to and for retention in the program.

The accelerated BA/MA in Humanities will be offered for the Interdisciplinary Humanities Concentration and for the Linguistics Concentration, but not for the Concentration in Humanities and Civic Leadership.

## Departmental Admission Requirements

Admission to the BA in Humanities requires completion of 15 semester hours and a minimum cumulative grade point average of 2.0.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA/MA in Humanities

- Students must apply no later than the end of the junior year for admission to the accelerated program by submitting the Humanities Division application for the accelerated BA/MA in Humanities.
- A minimum overall grade point average and major grade point average of 3.35 will be required for admission to and for retention in the program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Natural Sciences or Social Sciences <sup>2,3,4</sup>	9
	WR—two approved courses at the 300 level or above <sup>5</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
HUM 105	Introduction to Comparative Humanities - D2, AH	3
or HUM 152	Cultures of America - AH, D1	
HUM 320	Research and Writing in the Humanities - WR, AH	3
HUM 509	Interdisciplinary Approaches: Arts and Humanities - WR, CUE <sup>6</sup>	3
or HUM 510	Methods and Theories in the Study of Religion - WR, CUE	
	Interdisciplinary Perspectives—Choose one of the following: <sup>7</sup>	3
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	
or HUM 595	Principles of Cultural History - WR	
	Humanities, Culture and Society—Choose two (2) of the following:	6
HUM 310	Religion and Culture	
HUM 326	Studies in Film and Culture	
HUM 331	Humanities and Gender - AH, D2	
LING 330	Language and Culture - D1, AH	
<b>Minimum Total Hours</b>		<b>18</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	History elective at 300 level or above in area of track	3
	Minimum Electives <sup>8,9</sup>	29
<b>Minimum Total Hours</b>		<b>32</b>

Code	Title	Hours
	<b>Track Requirements (see Track Requirements tab)</b>	<b>18</b>

At least 50 of the total minimum hours required must be at the 300 level or above.

**Code Title Hours**  
**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:

HUM 509	Interdisciplinary Approaches: Arts and Humanities - WR, CUE	
or HUM 510	Methods and Theories in the Study of Religion - WR, CUE	

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> In addition to courses counted toward General Education
- <sup>3</sup> 3 hours must be at the 300 level or above
- <sup>4</sup> Additional 3 hours of college programmatic requirement is met in supporting courses.
- <sup>5</sup> May be incorporated into other degree requirements
- <sup>6</sup> Chosen in consultation with the Humanities Advisor
- <sup>7</sup> The same course cannot count for both the core program major requirement and the track requirement.
- <sup>8</sup> At least 15 elective hours must be earned at the 300 level or above.
- <sup>9</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Track Requirements

### Track in Comparative Cultural Studies

Academic Plan Code(s): HUM\_BA\_CLT

Code	Title	Hours
HUM 304	Culture of the Modern Period	3
HUM 322	Modern Fiction: Twentieth Century	3
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR <sup>1</sup>	3
One 300-level HUM course in period or field of focus <sup>2</sup>		3
One 500-level course in period or field of focus <sup>3</sup>		3
One course in period or field of focus <sup>2</sup>		3
<b>Minimum Total Hours</b>		<b>18</b>

- <sup>1</sup> Topic to be chosen in line with student interests.
- <sup>2</sup> To be chosen in consultation with an academic advisor.
- <sup>3</sup> To be chosen in consultation with an academic advisor. HUM 590 may be taken twice under different topics.

### Track in Film Studies

Academic Plan Code(s): HUM\_BA\_FST

Code	Title	Hours
HUM 224	Introduction to Film - AH, D2	3
HUM 324	Approaches to Film Interpretation	3
HUM 524	Special Topics in Film Study	3
Select three courses from the following:		9
FREN 328	French Cinema	
HUM 325	Survey of Film and Culture	
PAS 312	African Americans in American Media	
PAS 341	Black Film and Literature - AH, D1	
POLS 552	Politics through Film	

SPAN 554	Hispanic Culture through Film and Media	
<b>Minimum Total Hours</b>		<b>18</b>

### Track in Linguistics

Academic Plan Code(s): HUM\_BA\_LIN

Code	Title	Hours
LING 325	Introduction to Linguistics	3
15 credit hours of LING at 300-500-level		15
<b>Minimum Total Hours</b>		<b>18</b>

### Track in Religious Studies

Academic Plan Code(s): HUM\_BA\_REL

Code	Title	Hours
HUM 216	Introduction to World Religions - D2, AH	3
HUM 308	Studies of Religion - AH	3
HUM 510	Methods and Theories in the Study of Religion - WR, CUE <sup>1</sup>	3
Nine credit hours in Religious Studies at the 300-level or above <sup>2</sup>		9
<b>Minimum Total Hours</b>		<b>18</b>

- <sup>1</sup> Students who take HUM 510 to satisfy their CUE requirement will need to take an additional Religious Studies elective to complete the track's requirements.
- <sup>2</sup> Electives in Religious Studies may be taken from the following courses: HUM 306, HUM 308, HUM 309, HUM 310, HUM 311, HUM 312, HUM 313, HUM 314, HUM 315, HUM 316, HUM 317, HUM 319, HUM 335, HUM 336, HUM 340, HUM 341, HUM 342, HUM 343, HUM 344, HUM 349, HUM 510, HUM 511, HUM 512, HUM 514, and HUM 516.

## Flight Plan

### Track in Comparative Cultural Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HUM 105 or HUM 152	Introduction to Comparative Humanities - D2, AH or Cultures of America - AH, D1	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Foreign Language 1		4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HUM 310 or HUM 326 or HUM 331 or LING 330	Religion and Culture or Studies in Film and Culture or Humanities and Gender - AH, D2 or Language and Culture - D1, AH	3
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>

<b>Year 2</b>		
<b>Fall</b>		
HUM 310	Religion and Culture	3
or HUM 326	or Studies in Film and Culture	
or HUM 331	or Humanities and Gender - AH, D2	
or LING 330	or Language and Culture - D1, AH	
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
General Elective (300 level or above)		3
Foreign Language 3		3-4
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
HUM 320	Research and Writing in the Humanities - WR, AH	3
History elective in area of track (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 4 (if needed) or general elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
HUM 304	Culture of the Modern Period	3
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	3
Elective in Natural Science or Social Science		3
General elective (300 level or above)		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HUM 322	Modern Fiction: Twentieth Century	3
HUM 595	Principles of Cultural History - WR	3
300 level HUM course in period or field of focus		3
Elective in Natural Science or Social Science (300 level or above)		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
HUM 509	Interdisciplinary Approaches: Arts and Humanities - WR,	3
or HUM 510	CUE	
	or Methods and Theories in the Study of Religion - WR,	
	CUE	
Elective in Natural Science or Social Science (300 level or above)		3
One course in period or field of focus		3
General elective (300 level or above)		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
500-level course in period or field of focus		3
General elective		3-4
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>121-123</b>

## Track in Film Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	or Arts & Sciences First Year Experience	
ENGL 101	Introduction to College Writing - WC	3

HUM 105	Introduction to Comparative Humanities - D2, AH	3
or HUM 152	or Cultures of America - AH, D1	
General Education: Cardinal Core Natural Sciences with Lab - B		4
Foreign Language 1		3-4
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HUM 310	Religion and Culture	3
or HUM 326	or Studies in Film and Culture	
or HUM 331	or Humanities and Gender - AH, D2	
or LING 330	or Language and Culture - D1, AH	
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 2		3-4
<b>Hours</b>		<b>15-17</b>
<b>Year 2</b>		
<b>Fall</b>		
HUM 224	Introduction to Film - AH, D2	3
HUM 310	Religion and Culture	3
or HUM 326	or Studies in Film and Culture	
or HUM 331	or Humanities and Gender - AH, D2	
or LING 330	or Language and Culture - D1, AH	
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 3		3-4
General Elective (300 level or above)		3
<b>Hours</b>		<b>18-19</b>
<b>Spring</b>		
HUM 320	Research and Writing in the Humanities - WR, AH	3
History elective in area of track (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 4 (if needed) or general elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
HUM 324	Approaches to Film Interpretation	3
Film Studies Elective 1		3
Elective in Social Science or Natural Science		3
General elective (300 level or above)		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HUM 595	Principles of Cultural History - WR	3
Film Studies Elective 2		3
Elective in Natural Science or Social Science (300 level or above)		3
General elective (300 level or above)		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
HUM 509	Interdisciplinary Approaches: Arts and Humanities - WR,	3
or HUM 510	CUE	
	or Methods and Theories in the Study of Religion - WR,	
	CUE	
Film Studies Elective 3		3
Elective in Natural Science or Social Science (300 level or above)		3
General elective		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HUM 524	Special Topics in Film Study	3

General elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122-126</b>

## Track in Linguistics

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HUM 105 or HUM 152	Introduction to Comparative Humanities - D2, AH or Cultures of America - AH, D1	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Foreign Language 1		3-4
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 2		3-4
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
LING 325	Introduction to Linguistics	3
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
HUM 310 or HUM 326 or HUM 331 or LING 330	Religion and Culture or Studies in Film and Culture or Humanities and Gender - AH, D2 or Language and Culture - D1, AH	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 3		3-4
General Elective (300 level or above)		3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
HUM 320	Research and Writing in the Humanities - WR, AH	3
History elective in area of track (300 level or above)		3
HUM 310 or HUM 326 or HUM 331 or LING 330	Religion and Culture or Studies in Film and Culture or Humanities and Gender - AH, D2 or Language and Culture - D1, AH	3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 4 (if needed) or general elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
LING elective (300 level or above)		3
Elective in Natural Sciences or Social Sciences		3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
HUM 595	Principles of Cultural History - WR	3
LING elective (300 level or above)		3
LING elective (300 level or above)		3
Elective in Natural Sciences or Social Sciences (300 level or above)		3

General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
HUM 509 or HUM 510	Interdisciplinary Approaches: Arts and Humanities - WR, CUE or Methods and Theories in the Study of Religion - WR, CUE	3
LING elective (300 level or above)		3
Elective in Natural Sciences or Social Sciences (300 level or above)		3
General elective		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
LING elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
General elective		3
General elective		3
Additional elective hours to reach minimum for degree (as needed)		1-0
<b>Hours</b>		<b>16-15</b>
<b>Minimum Total Hours</b>		<b>120-122</b>

## Track in Religious Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HUM 105 or HUM 152	Introduction to Comparative Humanities - D2, AH or Cultures of America - AH, D1	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Foreign Language 1		3-4
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HUM 310 or HUM 326 or HUM 331 or LING 330	Religion and Culture or Studies in Film and Culture or Humanities and Gender - AH, D2 or Language and Culture - D1, AH	3
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 2		3-4
<b>Hours</b>		<b>15-17</b>
<b>Year 2</b>		
<b>Fall</b>		
HUM 216	Introduction to World Religions - D2, AH	3
HUM 310 or HUM 326 or HUM 331 or LING 330	Religion and Culture or Studies in Film and Culture or Humanities and Gender - AH, D2 or Language and Culture - D1, AH	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 3		3-4
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
HUM 320	Research and Writing in the Humanities - WR, AH	3
History elective in area of track (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 4 (if needed) or general elective		3

General Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
HUM 308 Studies of Religion - AH	3
Religious Studies elective (300 level or above)	3
Elective in Natural Sciences or Social Sciences	3
General Elective (300 level or above)	3
General Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
HUM 595 Principles of Cultural History - WR	3
Religious Studies elective (300 level or above)	3
Elective in Natural Sciences or Social Sciences (300 level or above)	3
General Elective (300 level or above)	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
HUM 509 Interdisciplinary Approaches: Arts and Humanities - WR, CUE	3
Religious Studies Elective (300 level or above)	3
Elective in Natural Sciences or Social Sciences (300 level or above)	3
General elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
HUM 510 Methods and Theories in the Study of Religion - WR, CUE	3
General elective	3
Additional elective hours to reach minimum for degree (as needed)	1-0
<b>Hours</b>	<b>16-15</b>
<b>Minimum Total Hours</b>	<b>120-123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Individualized Major (Liberal Studies) (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts Individualized Major

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Liberal Studies (<http://louisville.edu/liberalstudies/>)  
Academic Plan Code(s): LBSTBA

## Program Information

The Individualized Major (formerly Liberal Studies) program offers eligible students an opportunity to design an individualized major, through a multi-disciplinary curriculum. Once the student has identified a goal or interest, the Liberal Studies Program advisor offers guidance in creating a personalized degree program.

Completion of this degree requires work to be submitted for the program's Learning Outcomes Measurement.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
	College/School Requirements	13
	Program/Major Requirements	49-67
	Supporting Courses	10-28
<b>Minimum Total Hours</b>		<b>121</b>

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Eligibility criteria and information regarding admission into the major may be found at [louisville.edu/liberalstudies/prospective-majors/admission-to-liberal-studies](http://louisville.edu/liberalstudies/prospective-majors/admission-to-liberal-studies) (<http://louisville.edu/liberalstudies/prospective-majors/admission-to-liberal-studies/>).

Requirements include the completion of 45 credit hours and a minimum 2.75 cumulative grade point average on all college work. Proposals must be approved by the program director prior to admission into the major.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>1</sup>		12
WR—two approved courses at the 300 level or above <sup>2</sup>		
<b>Minimum Total Hours</b>		<b>13</b>

## Program/Major Requirements

Code	Title	Hours
<b>Liberal Studies Program</b>		
LBST 300	Forms of Interdisciplinary Inquiry	3
ENGL 309	Special Topics: Inquiries in Writing - WR <sup>3</sup>	3
LBST 401	Senior Capstone Project - CUE	1
<b>Concentrations<sup>4</sup></b>		
First Concentration (approved A&S minor)		18-24
Second Concentration <sup>5</sup>		12-18
Third Concentration <sup>6</sup>		12-18
<b>Minimum Total Hours</b>		<b>49-67</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Minimum Electives		10-28

At least 50 of the total minimum hours required must be at the 300 level or above with at least six credit hours in each of two of the three Divisions of the College of Arts & Sciences.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
LBST 401	Senior Capstone Project - CUE	

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> May be incorporated into other degree requirements
- <sup>3</sup> Fulfills one WR requirement
- <sup>4</sup> General Education courses may not be counted in the concentrations, except in cases where a General Education requirement course is a departmental requirement for completion of the minor.

- <sup>5</sup> Students identifying Middle Grades Education as their goal may substitute a state-approved "Teaching Field" for the department minor. If two teaching fields are selected, a third concentration is unnecessary. See program advisor for additional information.
- <sup>6</sup> Students pursuing an Individualized Major may include course credits from University of Louisville units outside the College of Arts and Sciences. These include the College of Business, College of Education and Human Development, J.B. Speed School of Engineering, Brandeis School of Law, School of Music, School of Nursing, School of Public Health and Information Sciences, and the Kent School of Social Work. No more than 30 hours earned outside the College of Arts and Sciences may be applied to the Individualized Major.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	or Arts & Sciences First Year Experience	
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 1		3-4
<b>Hours</b>		<b>14-15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Concentration 1 Course (A&S Minor)		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
LBST 300	Forms of Interdisciplinary Inquiry	3
ENGL 309	Special Topics: Inquiries in Writing - WR	3
Concentration 1 Course (A&S Minor)		3
Concentration 2 Course		3
Concentration 3 Course		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
WR Course (300 level or above)		3
Concentration 1 Course (A&S Minor)		3
Concentration 1 Course (A&S Minor)		3
Concentration 2 Course		3
Concentration 3 Course		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Concentration 1 Course (A&S Minor)		3
Concentration 2 Course		3
Concentration 3 Course		3

General Elective (300+)	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Concentration 1 Course (A&S Minor)	3
Concentration 2 Course	3
Concentration 3 Course	3
General Elective (300+)	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
LBST 401 Senior Capstone Project - CUE (CUE)	1
Concentration Course as needed or General Elective	3
Concentration Course as needed or General Elective	3
Concentration Course as needed or General Elective	3
Concentration Course as needed or General Elective	3
Concentration Course as needed or General Elective	3
Concentration Course as needed or General Elective	3-1
<b>Hours</b>	<b>16-14</b>
<b>Minimum Total Hours</b>	<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Industrial Engineering (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Industrial Engineering

Unit: Speed School of Engineering (SS) (<https://engineering.louisville.edu>)

Department: Industrial Engineering (<http://engineering.louisville.edu/industrial/>)

Academic Plan Code(s): IE\_ \_BIE

## Program Information

The Bachelor of Science in Industrial Engineering degree program is accredited by the Engineering Accreditation Commission of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>). The Master of Engineering in Industrial Engineering degree program is accredited by the Engineering Accreditation Commission of ABET, [www.abet.org](http://www.abet.org) (<http://www.abet.org>).

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
(19 hours of General Education requirements may be satisfied through coursework required by the degree program)		
College/School Requirements <sup>1</sup>		35
Program/Major Requirements		59
Supporting Courses		18
Minimum Total Hours		124

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree **in the minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BS Pathway

Industrial Engineering majors that are interested in pursuing and MS IE or MEng EM (Online) can consider an Accelerated Pathway. For more information, see the "Accelerated BSIE Pathway" Tab.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
The following courses are required by the program and satisfy the respective General Education Requirement(s):		
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
COMM 111	Introduction to Public Speaking - OC or COMM 112 Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC	
ENGL 102	Intermediate College Writing - WC	

ENGR 101	Engineering Analysis I - QR
PHYS 298	Introductory Mechanics, Heat and Sound - S

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.

## College/School Requirements

Code	Title	Hours
<b>Speed School Core</b>		
CHEM 201	General Chemistry I - S <sup>2</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>2</sup>	1
COMM 111	Introduction to Public Speaking - OC	3
or COMM 112	Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC <sup>2,3</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>2,3</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>2</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>2</sup>	4
<b>Minimum Total Hours</b>		<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Industrial Engineering Department</b>		
IE 240	Fundamentals of Industrial Engineering	3
IE 250	Data Management and Spreadsheet Modelings for Industrial Engineering	3
IE 288	Industrial Engineering Cooperative Education Seminar	0
IE 289	Industrial Engineering Cooperative Education I	1
IE 320	Manufacturing Processes	4
IE 360	Probability and Statistics for Engineers	3
IE 370	Engineering Economic Analysis	3
IE 380	Work Design	3
IE 389	Industrial Engineering Cooperative Education II	1
IE 421	Facility Location and Layout	3
IE 425	Production and Inventory Control	3
IE 430	Quality Control	3
IE 489	Industrial Engineering Cooperative Education III	1
IE 499	IE Capstone Design - CUE (CUE)	3
IE 515	Operations Research Methods	3
IE 541	Simulation	3
IE 563	Experimental Design in Engineering	3
IE 580	Introduction to Human Factors Engineering and Ergonomics	3
IE Electives		9

### Industrial Engineering Core

CHEM 202	General Chemistry II - S	3
PHYS 295	Introductory Laboratories I - SL	1
<b>Minimum Total Hours</b>		<b>59</b>

Code	Title	Hours
<b>Supporting Courses</b>		
CSE 120	Introduction to Programming with Python	3
or CSE 130	Introduction to Programming Languages	
CEE 205	Mechanics I: Statics	3
CHE 253	Materials Science	3
ECE 252	Introduction to Electrical Engineering	3
ME 251	Thermodynamics I	3
ENGR 151	Engineering Graphics Technology	1
ENGR 330	Linear Algebra for Engineering	2
<b>Minimum Total Hours</b>		<b>18</b>

A student may accumulate no more than two D-minus, D, or D+ grades in IE prefixed courses to graduate with a baccalaureate degree. For any additional D-minus, D, or D+ grades beyond two, the student must repeat the course to earn a better grade.

Candidates for the Bachelor of Science degree must be in good standing (university GPA  $\geq$  2.25) and must attain a GPA of at least 2.25 for all courses used to satisfy degree requirements.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
IE 499	IE Capstone Design - CUE	

- To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.
- This course is a General Education requirement for the program; see louisville.edu/provost/ger/ (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements.
- Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
ENGL 101	Introduction to College Writing - WC	3
ENGR 101	Engineering Analysis I - QR	4
ENGR 110	Engineering Methods, Tools, and Practice I	2

General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
ENGL 102	Intermediate College Writing - WC	3
ENGR 102	Engineering Analysis II	4
ENGR 111	Engineering Methods, Tools and Practice II	2
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>17</b>
<b>Summer</b>		
ENGR 151	Engineering Graphics Technology	1
ENGR 201	Engineering Analysis III	4
CEE 205	Mechanics I: Statics	3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>11</b>
<b>Year 2</b>		
<b>Fall</b>		
CSE 120 or CSE 130	Introduction to Programming with Python or Introduction to Programming Languages	3
COMM 111 or COMM 112	Introduction to Public Speaking - OC or Business and Professional Speaking - OC	3
ENGR 205	Differential Equations for Engineering	2
IE 240	Fundamentals of Industrial Engineering	3
IE 250	Data Management and Spreadsheet Modelings for Industrial Engineering	3
IE 288	Industrial Engineering Cooperative Education Seminar	0
IE 380	Work Design	3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
IE 289	Industrial Engineering Cooperative Education I	1
<b>Hours</b>		<b>1</b>
<b>Summer</b>		
IE 360	Probability and Statistics for Engineers	3
CHE 253	Materials Science	3
ENGR 330	Linear Algebra for Engineering	2
IE 370	Engineering Economic Analysis	3
<b>Hours</b>		<b>11</b>
<b>Year 3</b>		
<b>Fall</b>		
IE 389	Industrial Engineering Cooperative Education II	1
<b>Hours</b>		<b>1</b>
<b>Spring</b>		
ECE 252	Introduction to Electrical Engineering	3
IE 320	Manufacturing Processes	4
IE 425	Production and Inventory Control	3
IE 430	Quality Control	3
ME 251	Thermodynamics I	3
<b>Hours</b>		<b>16</b>
<b>Summer</b>		
IE 489	Industrial Engineering Cooperative Education III	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
IE 421	Facility Location and Layout	3
IE 515	Operations Research Methods	3
IE 541	Simulation	3
IE 580	Introduction to Human Factors Engineering and Ergonomics	3

Industrial Engineering Elective <sup>3</sup>		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
IE 499	IE Capstone Design - CUE	3
IE 563	Experimental Design in Engineering	3
Industrial Engineering Elective		3
Industrial Engineering Elective		3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>18</b>
<b>Minimum Total Hours</b>		<b>124</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

### Accelerated Program Participants

Students accepted into an Accelerated Pathway may substitute select Graduate-level courses for equivalent Undergraduate courses as discussed with their Graduate Program Advisor.

## Accelerated BS-MSIE and BS-MEEMO Pathways

Industrial Engineering majors that are interested in pursuing and MS IE or MEng EM (Online) can consider an Accelerated Pathway. The Accelerated Pathway allows 12 credit hours of Graduate Coursework to be counted towards both degrees, speeding up the timeline for overall completion.

### Students may apply as early as Summer 2 of the BS IE given they meet the following criteria:

- Completion of 60+ credit hours towards BS IE degree
- Completion of 10+ credit hours in IE coursework
- Current enrollment in, or previous completion of IE 360
- GPA of 3.3 or above

Applications are available in the Department of Industrial Engineering, JB Speed Building Room 304, or online at <https://engineering.louisville.edu/academics/departments/industrial/>.

Students who are admitted to the Accelerated Pathway and wish to complete the MSIE or MEEMO degree, should formally submit an application for the Master's Program of their choosing, to the Graduate School when they are nearing completion of the BSIE degree.

The Bachelor of Science in Industrial Engineering (IE BIE) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Latin American and Latino Studies (BA)



### Latin American & Latino Studies

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

#### Bachelor of Arts in Latin American and Latino Studies

Unit: College of Arts and Sciences (AS) (<https://www.louisville.edu/artsandsciences/>)

Program: Latin American and Latino Studies (<http://louisville.edu/latinamericanstudies/>)

Academic Plan Code(s): LALSBA

## Program Information

Latin American and Latino Studies at the University of Louisville is an interdisciplinary program that promotes an understanding and appreciation for the diverse cultures of Latin America and Latino

communities in the United States, with the ultimate objective of preparing students to become engaged citizens in our global society.

Completion of this degree requires work to be submitted for the program's Learning Outcomes Measurement. For details, contact the LALS Director.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	36
	Supporting Courses	32
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in Latin American and Latino Studies requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

LALS 310	Introduction to Latin American Studies - SB, D2
LALS 311	Introduction to Latino Studies - SB, D1
Combined, LALS 310 and LALS 311 satisfy 3 hours of SB requirement as well as the D1 & D2 requirements. Certain approved electives (e.g. COMM 350 or TA 365) may also satisfy general education requirements.	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language <sup>1</sup>		12

Electives in Humanities or Natural Sciences <sup>2</sup> 9  
WR—two approved courses at the 300 level or above <sup>3</sup>

**Minimum Total Hours 22**

## Program/Major Requirements

Code	Title	Hours
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### Program in Latin American and Latino Studies

LALS 310	Introduction to Latin American Studies - SB, D2	3
LALS 311	Introduction to Latino Studies - SB, D1	3
LALS 400	Latin American and Latino Studies Internship - WR, CUE	3

#### Language Requirement

Spanish or Portuguese at the 200 level, or demonstration of equivalent language proficiency 3

#### Humanities

Select two of the following: 6

ARTH 342	Selected Topics in Art History	
ARTH 365	Mexican Art and Architecture	
ARTH 542	Special Topics	
ARTH 544	Pan-African Art: Form and Content	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 373	Women and Global Literature - D2, AH	
ENGL 549	Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE	
ENGL 554	Women's Personal Narratives - CUE	
HUM 377	African-American Religion - AH, D1	
HUM 380	Culture of Iberia-Latin America	
HUM 382	Native American Cultures	
LALS 200	Exploring Latin America - D2, AH	
LALS 313	Panamanian Culture - SB, D2	
M L 260	Cultures of Latin America - AH, D2	
M L 313	Special Topics in Language, Literature, or Culture	
M L 356	Latin American Literature	
SPAN 403	Foundations of Latin American Nations and Identities	
SPAN 404	Cultural and Literary Perspectives on Modern Latin America	
SPAN 524	Introduction to Hispanic Linguistics	
SPAN 527	Latin American Literature: Colonial Period through 19th Century	
SPAN 528	Contemporary Spanish-American Theatre	
SPAN 529	Spanish-American Poetry	
SPAN 530	Spanish-American Narrative	
SPAN 554	Hispanic Culture through Film and Media	
TA 326	Cultural Diversity in Performance - D1, AH <sup>4</sup>	
TA 365	Theatre of the African World - D2, AH	

#### Social Sciences <sup>5,6</sup>

Select three of the following: 9

ANTH 316	Ancient Civilizations of Mesoamerica	
ANTH 325	The Anthropology of Latin America - SB, D2	
ANTH 333	Globalizing Inequalities - WR <sup>4</sup>	
ANTH 338	Anthropology of Refugees	
ANTH 347	Global Capitalisms	

COMM 350	Introduction to Intercultural Communication - D2, SB	
GEOG/LALS 510	Urbanism in the Global South: Cities and Space	
HIST 331	Colonial Latin America	
HIST 332	Latin America, 1820 to Present	
HIST 333	Women in Latin American History	
HIST 533	Twentieth-Century Latin America - WR, CUE <sup>4</sup>	
HIST 534	The U.S. and Latin America - CUE, WR <sup>4</sup>	
HIST 535	The History of Mexico: Pre-Columbian to the Present - WR, CUE <sup>4</sup>	
LALS 317	Social Sciences Special Topics in Latino Studies	
LALS 321	Social Science Special Topics in Latin American Studies	
MKT 370	Global Marketing	
PAS 206	Introduction to Caribbean Studies - D2, SB	
PAS 219	Survey of Brazilian Music	
PAS 227	Survey of American Diversity - D1, SB	
PAS 247	Language, Protest and Identity - D1, SB	
PAS 329	Slave Trade and Slavery	
PAS 346	African Languages in the Diaspora - SB, D1	
PAS 360	African Diaspora in the Caribbean and Latin America	
PAS 392	Faces of Global Poverty - WR <sup>4</sup>	
PAS 396	History of the Caribbean	
PAS 505	The Black Atlantic	
PAS 510	Advanced Topics in Afro-American and African Studies	
PAS 532	Slave Trade and Slavery in the African World	
PAS 533	The History and Popular Culture of the African Diaspora	
PAS 542	Black Women's Voices - WR <sup>4</sup>	
PAS 547	Language, Race, Class and Gender	
PAS 581	Pan-African Art: Form and Content	
POLS 315	Race, Law and Politics - SB, D1	
POLS 330	International Relations	
POLS 331	The United Nations and International Organization - WR <sup>4</sup>	
POLS 332	International Law - WR <sup>4</sup>	
POLS 336	Politics of European Integration and Foreign Policy <sup>4</sup>	
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	
POLS 370	Latin American Politics - SB, D2	
POLS 371	Latin America in the World	
POLS 495	Senior Seminar - WR, CUE <sup>4</sup>	
POLS 506	Topics in International Relations	
POLS 530	International Negotiation	
POLS 563	Women in Developing Countries - WR <sup>4</sup>	
SOC 210	Race in the United States - SB, D1	
SOC 323	Diversity and Inequality	
SOC 392	Faces of Global Poverty - WR <sup>4</sup>	
SOC 454	Social Inequality & Stratification - WR, CUE <sup>4</sup>	
SOC 464	Race and Ethnicity - WR, CUE <sup>4</sup>	

SW 303	Generalist Practice I	
SW 472	Practicum Seminar and Lab I - CUE	
SW 473	Practicum Seminar and Lab II	
WGST 333	Women in Latin American History	
WGST 343	Faces of Global Poverty - WR <sup>4</sup>	
WGST 520	Women's Personal Narratives	
WGST 558	Women in Developing Countries - WR <sup>4</sup>	
WGST 593	Topics in Women's, Gender and Sexuality Studies: Humanities	
LALS Electives at the 300 level or above <sup>7</sup>		9

**Minimum Total Hours** 36

Code	Title	Hours
<b>Supporting Courses</b>		
Social Science Electives at the 300 level or above <sup>8,9</sup>		6
Humanities Electives at the 300 level or above <sup>8,9</sup>		6
Minimum Electives <sup>10</sup>		20

**Minimum Total Hours** 32

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
LALS 400	Latin American and Latino Studies Internship - WR, CUE	

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Fulfills WR requirement
- <sup>5</sup> 6 of the 9 hours must be at the 300 level or above
- <sup>6</sup> Students also completing a second major in any of the areas listed below may use no more than 6 hours in that Department to fulfill this LALS requirement.
- <sup>7</sup> Select three courses from above not used to meet the Humanities or Social Science requirements
- <sup>8</sup> Other than LALS courses, in addition to courses used to complete the College Programmatic Requirements
- <sup>9</sup> Substitutions may be approved by the LALS Director. Consult the LALS Advisor about Special Topics Courses and Independent Studies that may fulfill requirements for the major. Special Topics Courses that may have LALS content are listed at the bottom of the page.
- <sup>10</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

### Potential LALS-Content Special Topics Courses

Code	Title	Hours
ANTH 562	Special Topics in Cultural Anthropology	3
ARTH 342	Selected Topics in Art History	3
ARTH 542	Special Topics	3
COMM 510	Special Topics in Communication Studies	1-3
HIST 310	Studies in History	3
HIST 503	Advanced Studies in History	3
HON 336	Honors Seminar in Humanities - WR	3

HON 436	Honors Seminar in Humanities - WR	3
HON 446	Honors Seminar in Social Sciences - WR	3
HUM 562	Selected Topics	3
M L 551	Special Topics	3
SPAN 313	Special Topics in Spanish Literature, Language, and Culture	3
SPAN 499	Special Topics in Spanish Culture, Literature and Linguistics	3
SPAN 599	Special Topics	3
TA 555	Special Topics in Theatre	1-3

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Spanish or Portuguese Language I		4
General Elective		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		3
General Education: Cardinal Core Arts & Humanities - AH		3
Spanish or Portuguese Language II		4
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Oral Communication - OC		3
Spanish or Portuguese Language III		4
LALS 310	Introduction to Latin American Studies - SB, D2	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
General Education: Cardinal Core Natural Sciences - S		3
Humanities or Natural Science Elective		3
General Elective		3
Spanish or Portuguese Language (200 level)		3
LALS 311	Introduction to Latino Studies - SB, D1	3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Humanities or Natural Science Elective (300 level or above)		3
Social Science LALS Elective		3
Humanities LALS Elective		3
General Elective		3
WR General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Social Science LALS Elective (300 level or above)		3
Humanities LALS Elective		3
Social Science Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

**Year 4**

**Fall**

LALS 400	Latin American and Latino Studies Internship - WR, CUE	3
Social Science Elective (300 level or above)		3
Social Science LALS Elective (300 level or above)		3
Humanities or Natural Science Elective (300 level or above)		3
General Elective		3

**Hours** 15

**Spring**

LALS Elective (300 level or above)	3
LALS Elective (300 level or above)	3
LALS Elective (300 level or above)	3
Humanities Elective (300 level or above)	3
General Elective	3

**Hours** 15

**Minimum Total Hours** 121

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Management (BSBA)**



Photo by Helloquence on Unsplash

This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Business Administration**

Unit: Business (BU) (<http://www.louisville.edu/business/>)

Department: Management (<https://business.louisville.edu/academics-programs/undergraduate-programs/management/>)

Academic Plan Code(s): MGMTBSB

**Program Information**

The objective of the Management major program is to provide our students with a competitive advantage that makes them employable in a variety of careers - from being a manager in an existing organization, to running a family business, to starting their own business. They will develop the knowledge, skills and abilities to manage people, manage projects, work collaboratively with others, and to make & effectively communicate data-driven decisions.

**Degree Summary**

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
Six (6) hours of General Education requirements may be satisfied through coursework required by the degree program		
College/School Requirements <sup>1,2</sup>		53
Program/Major Requirements		33
Supporting Courses <sup>1</sup>		0-6
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.

<sup>2</sup> College/School Requirements total of 53 hours includes 6 hours of required courses that also cover General Education requirements.

**Departmental Admission Requirements  
New Students and Transfer Students**

Admission to the College of Business (p. 23) ensures admission to the BSBA in Management.

**Current Students - Admission in Good Standing**

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

**General Education Requirements**

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31

The following courses are required by the program and can satisfy the respective General Education Requirement:

MATH 180 Elements of Calculus - QR  
or MATH 205 Calculus I - QR

ECON 201 Principles of Microeconomics - SB  
or ECON 202 Principles of Macroeconomics - SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 180	Elements of Calculus - QR <sup>2,3</sup>	3
	or MATH 205 Calculus I - QR	
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BUS 201	Career Development	1
BUS 301	Business Communication	3
ACCT 201	Principles of Financial Accounting	6
& ACCT 202	Principles of Managerial Accounting	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>4</sup>	
BSTA 301	Business Statistics <sup>5</sup>	3
CIS 205	Information Systems in Organizations	3
General Electives		6
<b>Business Breadth</b>		
FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
CLAW 301	Legal Environment of Business	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 401	Operations Management	3
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 Gen Ed hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Management Depth</b>		
MGMT 305	Human Resource Management	3
MGMT 306	Talent Management Skills	3
MGMT 315	Collaboration: Theory and Skills	3
MGMT 397	Co-op in Management	3
MGMT 404	Project Management	3
MGMT 459	Managerial Analytics	3

### Management Electives

Select two of the following including at least one CUE course:		6
MGMT 440	Small Business Counseling	
MGMT 441	Business Strategy and Policy	
MGMT 442	Community Outreach & Consulting - CUE	
MGMT 410	Franchising Fundamentals and Legal Issues	
MGMT 430	Compensation	
MGMT 460	Images of Leadership	

Business Electives (not Management) 9

**Minimum Total Hours 33**

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives <sup>6</sup>		0-6

Transfer students must take a minimum of 12 credit hours in their major within the College of Business.

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

All course prerequisites must be met.

- College/School Requirements include six hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). A courses satisfying the General Education Oral Communication requirement (COMM 111, COMM 112 or HON 214) are required as prerequisite for BUS 301 but is not included in the required coursework.
- If MATH 205 is taken, there will be 4 total hours of math, reducing the amount of elective credit required to complete the degree.
- Completes Quantitative Reasoning General Education requirement.
- Completes 3 hours of Social & Behavioral Sciences General Education requirement.
- The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326.
- Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ECON 202	Principles of Macroeconomics - SB	3
ENGL 101	Introduction to College Writing - WC	3
MATH 180	Elements of Calculus - QR	3
	or MATH 205 or Calculus I - QR	
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Natural Science Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ACCT 201	Principles of Financial Accounting	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		3
<b>Hours</b>		<b>15</b>

**Year 2**

<b>Fall</b>		
ACCT 202	Principles of Managerial Accounting	3
CIS 205	Information Systems in Organizations	3
BUS 201	Career Development	1
HIST 101	History of Civilizations I - D2, SBH	3
or HIST 102	or History of Civilizations II - D2, SBH	
CIS 305	Data Analysis for Decision-Making	3
Select one of the following:		
BSTA 301	Business Statistics	
MATH 109	Elementary Statistics - QR	
CJ 326	Quantitative Analysis - QR	
SOC 301	Introduction to Social Statistics	
PSYC 301	Statistics for Psychology	
<b>Hours</b>		<b>16</b>

**Spring**

FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>

**Year 3**

<b>Fall</b>		
MGMT 305	Human Resource Management	3
CLAW 301	Legal Environment of Business	3
MGMT 315	Collaboration: Theory and Skills	3
Select one of the following:		
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
General Elective		3
<b>Hours</b>		<b>15</b>

**Spring**

BUS 301	Business Communication	3
MGMT 306	Talent Management Skills	3
General Elective		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

**Year 4**

<b>Fall</b>		
MGMT 397	Co-op in Management	1-3
MGMT 401	Operations Management	3
Business Elective		3
Management Elective		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MGMT 404	Project Management	3
MGMT 459	Managerial Analytics	3
Business Elective		3
Business Elective		3
Management Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Marketing, Bachelor of Science in Business Administration (BSBA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Business Administration in Marketing**

Unit: Business (BU) (<http://business.louisville.edu/>)  
 Department: Marketing (<http://business.louisville.edu/marketing/>)  
 Academic Plan Code(s): MKT\_BSB

## Program Information

The purpose of the Department of Marketing is to be an intellectual force that benefits our constituents in the local, regional, national, and global community through our creative and entrepreneurial teaching, research, and service activities. Our constituents include: students, employers, alumni, the university community, public and private sector organizations, and professional and academic marketing groups. The Undergraduate major in Marketing is specifically designed to prepare our students for the several career options available in Marketing and to enable them to succeed in the global marketplace.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	Six (6) hours of General Education requirements may be satisfied through coursework required by the degree program	
	College/School Requirements <sup>1,2</sup>	53
	Program/Major Requirements	27
	Supporting Courses	15
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.

<sup>2</sup> College/School Requirements total of 53 hours includes 6 hours of required courses that also cover General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements New Students and Transfer Students

Admission to the College of Business (p. 23) ensures admission to the BSBA in Marketing.

### Current Students - Admission in Good Standing

Students must have both:

1. Earned a 2.8 cumulative GPA (students with an established UofL GPA may not include grades for coursework at another institution in consideration for admission); and
2. Completion of MATH 111 College Algebra - QR (or equivalent) or completion of MATH 180 Elements of Calculus - QR

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
MATH 180	Elements of Calculus - QR or MATH 205 Calculus I - QR	
ECON 201	Principles of Microeconomics - SB or ECON 202 Principles of Macroeconomics - SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>College of Business Requirements</b>		
CAMP 100	Campus Culture/Business Students	1
MATH 180	Elements of Calculus - QR <sup>2,3</sup> or MATH 205 Calculus I - QR	3
Select one of the following Ethics courses:		
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
BUS 301	Business Communication	3
BUS 201	Career Development	1
ACCT 201	Principles of Financial Accounting	6
& ACCT 202	Principles of Managerial Accounting	
ECON 201	Principles of Microeconomics - SB	6
& ECON 202	Principles of Macroeconomics - SB <sup>4</sup>	
BSTA 301	Business Statistics	3
CIS 205	Information Systems in Organizations	3
General Electives		6
<b>Business Breadth</b>		
FIN 301	Corporate Finance	3
MKT 301	Principles of Marketing	3
MGMT 301	Management and Organizational Behavior	3
CLAW 301	Legal Environment of Business	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 401	Operations Management	3
<b>Minimum Total Hours</b>		<b>53</b>

Total of 53 includes 3 credit hours of ECON and 3 credit hours of MATH that are also counted in the 31 Gen Ed hours above.

## Program/Major Requirements

Code	Title	Hours
<b>Marketing Depth</b>		
MKT 350	Consumer Behavior	3
MKT 360	Professional Relationship Selling	3
MKT 441	Market Intelligence and Customer Insights	3
MKT 460	Integrative Marketing Strategy - CUE	3
Marketing Electives <sup>6,7</sup>		9
Business Electives (not Marketing) <sup>8</sup>		6
<b>Minimum Total Hours</b>		<b>27</b>
<b>Supporting Courses</b>		
General Electives		15
<b>Code Title Hours</b>		
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MKT 460	Integrative Marketing Strategy - CUE	

- 1 College/School Requirements include six hours of the General Education (3 hours Quantitative Reasoning and 3 hours Social & Behavioral Sciences). General Education Oral Communication: COMM 111, COMM 112 or HON 214 required as prerequisite for BUS 301
- 2 If MATH 205 is taken, there will be 4 total hours of Math
- 3 Completes Quantitative Reasoning General Education
- 4 Completes 3 hours of Social & Behavioral Sciences.
- 5 The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326
- 6 Marketing majors are allowed to take up to six (6) co-op credits in the program as part of Marketing electives. These include MKT 397, MKT 398 and/ or MKT 399. Pass/Fail credit is given for approved College of Business co-op work experiences. Marketing Majors may not count MKT 202/BUS 202 as a Marketing Elective.
- 7 Either SPAD 383 or COMM 342 may be taken for 3 hours of MKT electives.
- 8 Marketing Majors may not count MKT 202/BUS 202 as a Business Elective.

Transfer students must take a minimum of 12 credit hours in their major within the College of Business.

Six hours of cultural diversity courses are required and may be incorporated within the degree program.

NOTE: All prerequisites must be followed.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CAMP 100	Campus Culture/Business Students	1
ECON 202	Principles of Macroeconomics - SB	3
ENGL 101	Introduction to College Writing - WC	3
MATH 180 or MATH 205	Elements of Calculus - QR or Calculus I - QR	3-4
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Natural Science Lab - SL		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
CIS 205	Information Systems in Organizations	3
ACCT 201	Principles of Financial Accounting	3
BUS 301	Business Communication	3
CIS 305	Data Analysis for Decision-Making	3
Select one of the following:		3
BSTA 301	Business Statistics	
CJ 326	Quantitative Analysis - QR	
MATH 109	Elementary Statistics - QR	
PSYC 301	Statistics for Psychology	
SOC 301	Introduction to Social Statistics	
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
HIST 101 or HIST 102	History of Civilizations I - D2, SBH or History of Civilizations II - D2, SBH	3
ACCT 202	Principles of Managerial Accounting	3
CLAW 301	Legal Environment of Business	3
MKT 301	Principles of Marketing	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
BUS 201	Career Development	1
MKT 350	Consumer Behavior	3
MKT 360	Professional Relationship Selling	3
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
General Elective		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
FIN 301	Corporate Finance	3
MGMT 301	Management and Organizational Behavior	3
Business Elective (non-Marketing)		3
Marketing Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
MKT 441	Market Intelligence and Customer Insights	3
MGMT 401	Operations Management	3
Marketing Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MKT 460	Integrative Marketing Strategy - CUE	3
Marketing Elective		3
Business Elective (non-Marketing)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

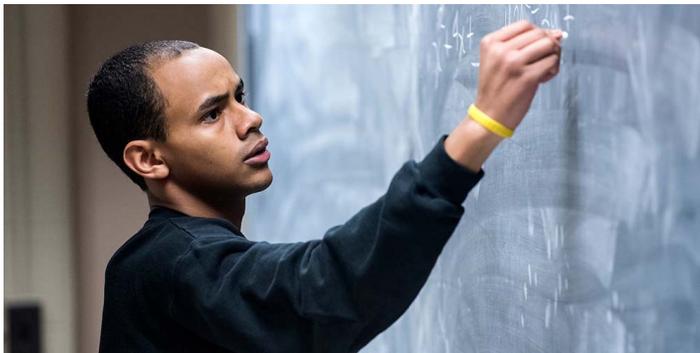
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Mathematics (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Arts in Mathematics**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Mathematics (<http://www.math.louisville.edu/>)  
Academic Plan Code(s): MATHBA

The Bachelor of Arts in Mathematics is designed for students wishing to obtain a broad yet substantial background in mathematics as well as general education. The Bachelor of Arts covers a wide variety of topics such as algebra, geometry, and probability. This breadth is particularly well-suited for students preparing for secondary certification in mathematics.

Completion of this degree requires work to be submitted for the department’s Learning Outcomes Measurement. For details, contact the department.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	36
	Supporting Courses	32
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

### Accelerated BA-BS/MA Option in Mathematics

Mathematics majors who are considering pursuing a master’s degree (MA) in Mathematics can speed up the process by applying some of their undergraduate credit hours toward a master’s degree. Students accepted into the Accelerated BA-BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor’s degree and the eventual master’s degree.

Interested students must apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Applicants must have completed MATH 205, MATH 206, MATH 301, and MATH 325, or equivalent courses, prior to application. Applicants must have a minimum overall GPA of 3.5, and minimum GPA of 3.66 in mathematics courses.

### Early Start Program (Jointly with the College of Education and Human Development)

The Master of Arts in Teaching program in conjunction with the undergraduate programs in Chemistry, Biology, and Mathematics offers a comprehensive and professionally-focused program leading to an additional degree of MAT Middle or Secondary Education. This early start program enables superior students to receive two degrees within five years. A total of 148 credits are required for the dual degrees: 121 credits of coursework devoted toward the baccalaureate degree and 36 credits toward the MAT, with nine hours double-counted. This program will be available for students who are entering their junior year. They may take graduate level courses in the College of Education and Human Development (CEHD) in their 4th year of study.

The current qualifications for the joint degree program have been agreed upon by discipline faculty from the Colleges of Arts and Sciences and Education and Human Development. The criteria vary by discipline. Students enrolling in the accelerated program will be non-thesis students and must adhere to all policies pertaining to Graduate Students. All interested students must submit an application to the College of Education and Human Development (CEHD) MAT program and meet the admission criteria.

### Departmental Admission Requirements

Admission to the BA in Mathematics requires the following:

- enrollment in a mathematics course beyond MATH 205;
- a minimum cumulative grade point average of 2.0; and
- a minimum grade point average of 2.0 on all courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

### Accelerated BA/BS-MA Option in Mathematics

Students must apply for admission to the program no later than the end of the junior year and must have completed MATH 205, MATH 206, MATH 301 and MATH 325, or equivalent courses, prior to application.

Applicants must have a minimum overall GPA of 3.5, and minimum GPA of 3.66 in mathematics courses.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) *		31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
MATH 205	Calculus I - QR	
One of the following:		
PHYS 299 & PHYS 295	Introductory Electricity, Magnetism and Light & Introductory Laboratories I - SL	
CHEM 201 & CHEM 207	General Chemistry I - S & Introduction to Chemical Analysis I - SL	
BIOL 240 & BIOL 244	Unity of Life - S	

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience & Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Social Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Mathematics Department</b>		
MATH 205	Calculus I - QR <sup>4</sup>	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
MATH 311	Introduction to Higher Math	3
MATH 325	Introduction to Linear Algebra	3
MATH 387	Discrete Mathematics	3
MATH 501	Introduction to Analysis I - CUE	3
MATH 521	Modern Algebra I - CUE	3
MATH 550 or MATH 551	Advanced Euclidean Geometry & Geometry	3
MATH 560 or MATH 561	Statistical Data Analysis - WR & Probability	3
	Mathematics electives chosen in consultation with departmental advisor	3
<b>Minimum Total Hours</b>		<b>36</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	Select one of the following sequences:	7-10
	Sequence One:	

PHYS 295	Introductory Laboratories I - SL <sup>4</sup>	
PHYS 296	Introductory Laboratories II - SL	
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 299	Introductory Electricity, Magnetism and Light <sup>4</sup>	
Sequence Two:		
CHEM 201	General Chemistry I - S <sup>4</sup>	
CHEM 202	General Chemistry II - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
CHEM 208	Introduction to Chemical Analysis II - SL	
CHEM 209	Introduction to Chemical Analysis III	
Sequence Three:		
BIOL 240	Unity of Life - S <sup>4</sup>	
BIOL 242	Diversity of Life - S	
BIOL 244		
Elective in second science discipline		3
Electives in Natural Sciences, other than Mathematics		5-8
<b>Electives</b>		
Minimum Electives <sup>5</sup>		14
<b>Minimum Total Hours</b>		<b>32</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

Mathematics courses at the 100 level do not count toward hours in the major.

At least 50 of the total minimum hours required must be at the 300 level or above.

A minimum of 9 hours in courses numbered 311 or higher must be successfully completed in the Department of Mathematics at the University of Louisville.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MATH 501 or MATH 521	Introduction to Analysis I - CUE & Modern Algebra I - CUE	3

- Completion of the intermediate level of a single foreign language
- In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- May be incorporated into other degree requirements
- Fulfills General Education requirement.
- Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience & Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
General Education: Cardinal Core Oral Communication - OC		3

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
General Elective	3
<b>Hours</b>	<b>17</b>
<b>Spring</b>	
ENGL 102 Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH	3
MATH 206 Calculus II	4
MATH 311 Introduction to Higher Math	3
Foreign Language 1	3-4
<b>Hours</b>	<b>16-17</b>
<b>Year 2</b>	
<b>Fall</b>	
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
Foreign Language 2	3-4
MATH 301 Calculus III	4
General Elective (300 level or above)	3
General Elective (300 level or above)	3
<b>Hours</b>	<b>16-17</b>
<b>Spring</b>	
MATH 325 Introduction to Linear Algebra	3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1	3
Foreign Language 3	3-4
Humanities or Social Science Elective (300 level or above)	3
General Elective	3
<b>Hours</b>	<b>15-16</b>
<b>Year 3</b>	
<b>Fall</b>	
MATH 387 Discrete Mathematics	3
First portion of chosen Natural Science Sequence	3-5
Foreign Language 4 or General Elective	3
Humanities or Social Science WR Elective (300 level or above)	3
General Elective (300 level or above)	3
<b>Hours</b>	<b>15-17</b>
<b>Spring</b>	
Humanities or Social Science WR Elective (300 level or above)	3
Natural Science Elective (not from chosen sequence) (also fulfills General Education/Cardinal Core Natural Science Requirement - S)	3
Second portion of chosen Natural Science Sequence (also fulfills General Education/Cardinal Core Natural Science with Lab Requirement - S+SL or B)	4-5
MATH 550 Advanced Euclidean Geometry or MATH 551 or Geometry	3
MATH 560 Statistical Data Analysis - WR or MATH 561 or Probability	3
<b>Hours</b>	<b>16-17</b>
<b>Year 4</b>	
<b>Fall</b>	
MATH 501 Introduction to Analysis I - CUE	3
MATH 521 Modern Algebra I - CUE	3
Natural Science Elective (non-Math)	3-4
General Elective	3
General Elective	3
<b>Hours</b>	<b>15-16</b>
<b>Spring</b>	
Math Elective	3
General Elective (300 level or above)	3
General Elective	3
General Elective	3
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>122-129</b>

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Mathematics (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Mathematics

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Mathematics (<http://www.math.louisville.edu/>)  
Academic Plan Code(s): MATHBS, MATHBS\_ACS

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(7-10 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1</sup>	13-15
	Program/Major Requirements <sup>1</sup>	51

Supporting Courses <sup>1</sup>	24-26
<b>Minimum Total Hours</b>	<b>121</b>

## Track in Actuarial Science

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
(7-10 hours of General Education requirements may be satisfied through coursework required by the degree program)		
College/School Requirements <sup>1</sup>		13-15
Track Requirements <sup>1</sup>		45
Supporting Courses		30-33
<b>Minimum Total Hours</b>		<b>121-122</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. **To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.** Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

### Accelerated BA-BS/MA Option in Mathematics

Mathematics majors who are considering pursuing a master's degree (MA) in Mathematics can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Applicants must have completed MATH 205, MATH 206, MATH 301, and MATH 325, or equivalent courses, prior to application. Applicants must have a minimum overall GPA of 3.5, and minimum GPA of 3.66 in mathematics courses.

### Early Start Program (Jointly with the College of Education and Human Development)

The Master of Arts in Teaching program in conjunction with the undergraduate programs in Chemistry, Biology, and Mathematics offers a comprehensive and professionally-focused program leading to an additional degree of MAT Middle or Secondary Education. This early start program enables superior students to receive two degrees within five years. A total of 149-152 credits are required for the dual degrees: 122-125 credits of coursework devoted toward the baccalaureate degree and 36 credits toward the MAT, with nine hours double-counted. This program will be available for students who are entering their junior year. They may take graduate level courses in the College of Education and Human Development (CEHD) in their 4th year of study.

The current qualifications for the joint degree program have been agreed upon by discipline faculty from the Colleges of Arts and Sciences and Education and Human Development. The criteria vary by discipline. Students enrolling in the accelerated program will be non-thesis students and must adhere to all policies pertaining to Graduate

Students. All interested students must submit an application to the College of Education and Human Development (CEHD) MAT program and meet the admission criteria.

## Departmental Admission Requirements

Admission to the BS in Mathematics requires enrollment in a mathematics course beyond MATH 205; a minimum cumulative grade point average of 2.0; and a minimum grade point average of 2.0 on all courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

### Accelerated BA/BS-MA Option in Mathematics

Students must apply for admission to the program no later than the end of the junior year and must have completed MATH 205 (<https://catalog.louisville.edu/search/?P=MATH%20205>), MATH 206 (<https://catalog.louisville.edu/search/?P=MATH%20206>), MATH 301 (<https://catalog.louisville.edu/search/?P=MATH%20301>), and MATH 325 (<https://catalog.louisville.edu/search/?P=MATH%20325>), or equivalent courses, prior to application.

Applicants must have a minimum overall GPA of 3.5, and minimum GPA of 3.66 in mathematics courses.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
The following courses are required by the program and satisfy the respective General Education Requirement(s):		
MATH 205	Calculus I - QR	
PHYS 298	Introductory Mechanics, Heat and Sound - S or CHEM 201 General Chemistry I - S or BIOL 240 Unity of Life - S	
PHYS 295	Introductory Laboratories I - SL or CHEM 207 Introduction to Chemical Analysis I - SL or BIOL 244	

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>2</sup>		6-8
Electives in Humanities or Social Sciences, at the 300 level or above <sup>3</sup>		6
WR—two approved courses at the 300 level or above <sup>4</sup>		
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Course requirements for the track in Actuarial Science can be found on the Track Requirements tab.

Code	Title	Hours
<b>Mathematics Department</b> <sup>5,6</sup>		
MATH 205	Calculus I - QR <sup>7</sup>	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
MATH 311	Introduction to Higher Math	3
MATH 325	Introduction to Linear Algebra	3
MATH 387	Discrete Mathematics	3
MATH 405	Differential Equations	3
MATH 501	Introduction to Analysis I - CUE	3
MATH 502	Introduction to Analysis II	3
MATH 521	Modern Algebra I - CUE	3
MATH 522	Modern Algebra II	3
MATH 561	Probability	3
Select four courses from the following:		12
MATH 407	Numerical Analysis	
MATH 505	Introduction to Partial Differential Equations	
MATH 507	Fourier Analysis	
MATH 511	Complex Analysis I	
MATH 512	Complex Analysis II	
MATH 535	Modeling I	
MATH 536	Modeling II	
MATH 550	Advanced Euclidean Geometry	
MATH 551	Geometry	
MATH 560	Statistical Data Analysis - WR	
MATH 562	Mathematical Statistics	
MATH 581	Introduction to Graph Theory	
<b>Minimum Total Hours</b>		<b>51</b>
<b>Supporting Courses</b>		
Select one of the following sequences: <sup>7</sup>		8-10
Sequence One:		
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 299	Introductory Electricity, Magnetism and Light	
PHYS 295	Introductory Laboratories I - SL	
PHYS 296	Introductory Laboratories II - SL	
Sequence Two:		
CHEM 201	General Chemistry I - S	
CHEM 202	General Chemistry II - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
CHEM 208	Introduction to Chemical Analysis II - SL	
CHEM 209	Introduction to Chemical Analysis III	
Sequence Three:		
BIOL 240	Unity of Life - S	
BIOL 242	Diversity of Life - S	
BIOL 244		
Elective in second science discipline <sup>7</sup>		3
CSE 130	Introduction to Programming Languages	3

Elective in Natural Sciences (other than Mathematics) <sup>9</sup>	3
Minimum Electives <sup>10</sup>	5-9
<b>Minimum Total Hours</b>	<b>24-26</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

**Program/Major requirements and Supporting Courses for Track in Actuarial Science are articulated on the Track Requirements tab.**

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MATH 501	Introduction to Analysis I - CUE	
	or MATH 521 Modern Algebra I - CUE	
1	Ten (10) hours of General Education requirements (Quantitative Reasoning and Natural Sciences) are met with requirements in the major or supporting coursework.	
2	Completion of the second semester of a single foreign language; hours will vary depending on the language taken	
3	In addition to courses counted toward General Education	
4	May be incorporated into other degree requirements	
5	Mathematics courses at the 100 level do not count toward hours in the major.	
6	A minimum of 12 hours in courses numbered 311 or higher must be successfully completed in the Department of Mathematics at the University of Louisville.	
7	Fulfills General Education requirement.	
8	Or another computer related course chosen in consultation with the departmental advisor	
9	Or a second computer related course chosen in consultation with departmental advisor	
10	Elective hours are dependent on completion of at least 10 hours of General Education requirements through requirements in the major, track and/or supporting coursework	

## Track Requirements

### Track in Actuarial Science

Code	Title	Hours
<b>Mathematics Department</b> <sup>1,2</sup>		
MATH 205	Calculus I - QR <sup>3</sup>	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
MATH 311	Introduction to Higher Math	3
MATH 325	Introduction to Linear Algebra	3
MATH 372	Theory of Interest	3
MATH 387	Discrete Mathematics	3
MATH 405	Differential Equations	3
MATH 501	Introduction to Analysis I - CUE	3
MATH 560	Statistical Data Analysis - WR	3
MATH 561	Probability	3
MATH 562	Mathematical Statistics	3

MATH 570	Foundations of Actuarial Science	3
MATH 573	Actuarial Models I	3
<b>Minimum Total Hours</b>		<b>45</b>
<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Supporting Courses</b>		
Select one of the following sequences: <sup>3</sup>		4-5
Sequence One:		
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 295	Introductory Laboratories I - SL	
Sequence Two:		
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
Sequence Three:		
BIOL 102	Biology: Current Issues and Applications - S	
BIOL 104	Laboratory for Biology: Current Issues and Applications - SL	
Elective in second science discipline <sup>3</sup>		3
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
CIS 305	Data Analysis for Decision-Making	3
FIN 301	Corporate Finance <sup>4</sup>	3
FIN 401	Investments <sup>4</sup>	3
FIN 403	Financial Derivatives <sup>4</sup>	3
FIN 433	Financial Markets and Institutions <sup>4,5</sup>	3
<b>Minimum Electives</b>		<b>2-4</b>
<b>Minimum Total Hours</b>		<b>30-33</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

- Mathematics courses at the 100 level do not count toward hours in the major.
- A minimum of 12 hours in courses numbered 311 or higher must be successfully completed in the Department of Mathematics at the University of Louisville.
- Fulfills General Education requirement
- Students must be admitted to the College of Business prior to enrollment in these courses
- FIN 433 can be used as an elective in Humanities or Social Sciences at the 300+ level.

## Flight Plan

### Mathematics

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
General Education: Cardinal Core Oral Communication - OC		3

General Elective		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 1		3-4
MATH 206	Calculus II	4
MATH 311	Introduction to Higher Math	3
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
Foreign Language 2		3-4
MATH 301	Calculus III	4
MATH 325	Introduction to Linear Algebra	3
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Humanities or Social Science WR Elective (300 level or above)		3
Math Elective		3
MATH 405	Differential Equations	3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Humanities or Social Science WR Elective (300 level or above)		3
MATH 387	Discrete Mathematics	3
MATH 501 or MATH 521	Introduction to Analysis I - CUE or Modern Algebra I - CUE	3
MATH 561	Probability	3
First portion of chosen Natural Science sequence		3-5
<b>Hours</b>		<b>15-17</b>
<b>Spring</b>		
Second portion of chosen Natural Science sequence (also fulfills portion of Gen Ed Natural Science requirement - S/SL/B)		4-5
Natural Science Elective (not from chosen sequence) (also fulfills portion of Gen Ed Natural Science requirement - S)		3
Math Elective		3
MATH 502 or MATH 522	Introduction to Analysis II or Modern Algebra II	3
CSE 130	Introduction to Programming Languages	3
<b>Hours</b>		<b>16-17</b>
<b>Year 4</b>		
<b>Fall</b>		
MATH 521 or MATH 501	Modern Algebra I - CUE or Introduction to Analysis I - CUE	3
Math Elective		3
General Elective		3
General Elective (300 level or above)		3
Natural Science Elective (non-Math) or second computer-related course		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 522 or MATH 502	Modern Algebra II or Introduction to Analysis II	3
Math Elective		3
General Elective		3
General Elective		3

General Elective (if needed)	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122-127</b>

## Mathematics, track in Actuarial Science

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
MATH 205	Calculus I - QR	4
ECON 201	Principles of Microeconomics - SB	3
ACCT 201	Principles of Financial Accounting	3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 206	Calculus II	4
MATH 311	Introduction to Higher Math	3
ECON 202	Principles of Macroeconomics - SB	3
ACCT 202	Principles of Managerial Accounting	3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Foreign Language 1		3-4
MATH 301	Calculus III	4
MATH 325	Introduction to Linear Algebra	3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
Foreign Language 2		3-4
MATH 372	Theory of Interest	3
MATH 387	Discrete Mathematics	3
MATH 561	Probability	3
FIN 301	Corporate Finance	3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
MATH 562	Mathematical Statistics	3
MATH 570	Foundations of Actuarial Science	3
FIN 401	Investments	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Chosen Natural Science Sequence (lecture & lab)		4-5
MATH 405	Differential Equations	3
FIN 433	Financial Markets and Institutions	3
<b>Hours</b>		<b>13-14</b>
<b>Year 4</b>		
<b>Fall</b>		
MATH 560	Statistical Data Analysis - WR	3
MATH 501	Introduction to Analysis I - CUE	3
General Elective		3
General Elective		3
Humanities or Social Science WR Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MATH 573	Actuarial Models I	3
CIS 305	Data Analysis for Decision-Making	3
FIN 403	Financial Derivatives	3
Natural Science Elective (outside of chosen Natural Science sequence)		3
Humanities or Social Science WR Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-122</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

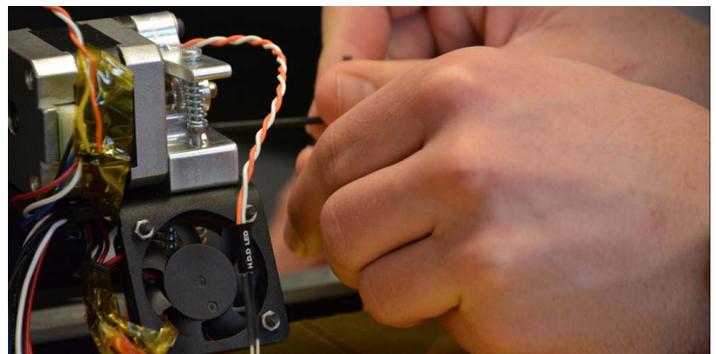
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Mechanical Engineering (BS)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Mechanical Engineering

Unit: Speed School of Engineering (<https://engineering.louisville.edu>) (SS)  
 Department: Mechanical Engineering (<http://engineering.louisville.edu/mechanical/>)  
 Academic Plan Code(s): ME\_ \_BMC

## Program Information

The Bachelor of Science in Mechanical Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<https://www.abet.org>). The Master of Engineering in Mechanical Engineering degree program is accredited by the Engineering Accreditation Commission (EAC) of ABET, [www.abet.org](http://www.abet.org) (<https://www.abet.org>).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	(19 hours of General Education requirements may be satisfied through coursework required by the degree program)	
	College/School Requirements <sup>1</sup>	35
	Program/Major Requirements	56
	Supporting Courses	22
<b>Minimum Total Hours</b>		<b>125</b>

<sup>1</sup> Some courses required in this degree program satisfy multiple requirements. To complete the degree in the **minimum number of hours listed**, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements and/or Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and satisfy the respective General Education Requirement(s):		
CHEM 201	General Chemistry I - S	
CHEM 207	Introduction to Chemical Analysis I - SL	
COMM 111	Introduction to Public Speaking - OC or COMM 112 Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC	
ENGL 102	Intermediate College Writing - WC	
ENGR 101	Engineering Analysis I - QR	
PHYS 298	Introductory Mechanics, Heat and Sound - S	

All degrees require the completion of the University-wide General Education Program (link provided above). To complete the degree in the **minimum number of hours** listed on the Overview tab, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements.

## College/School Requirements

Code	Title	Hours
<b>Speed School Core</b>		
CHEM 201	General Chemistry I - S <sup>2</sup>	3
CHEM 207	Introduction to Chemical Analysis I - SL <sup>2</sup>	1
COMM 111	Introduction to Public Speaking - OC	3
or COMM 112	Business and Professional Speaking - OC	
ENGL 101	Introduction to College Writing - WC <sup>2,3</sup>	3
ENGL 102	Intermediate College Writing - WC <sup>2,3</sup>	3
ENGR 101	Engineering Analysis I - QR <sup>2</sup>	4
ENGR 102	Engineering Analysis II	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
ENGR 111	Engineering Methods, Tools and Practice II	2
ENGR 201	Engineering Analysis III	4
ENGR 205	Differential Equations for Engineering	2
PHYS 298	Introductory Mechanics, Heat and Sound - S <sup>2</sup>	4
<b>Minimum Total Hours</b>		<b>35</b>

## Program/Major Requirements

Code	Title	Hours
<b>Mechanical Engineering Department</b>		
ME 206	Mechanics II: Dynamics	3
ME 251	Thermodynamics I	3
ME 288	Mechanical Engineering Cooperative Education Seminar	0
ME 289	Mechanical Engineering Cooperative Education I	1
ME 310	Thermodynamics II	3
ME 311	Fluid Mechanics I	3
ME 312	Fluid Mechanics Laboratory	1
ME 323	Mechanics of Materials	3
ME 324	Mechanics of Materials Laboratory	1
ME 380	Computer Aided Design	2
ME 381	Introduction to Manufacturing	2
ME 389	Mechanical Engineering Cooperative Education II	1
ME 401	Fluid Mechanics II	3
ME 414	Mechanical Measurements	3
ME 415	Senior Mechanical Engineering Laboratory	1
ME 422	Machine Design I	3
ME 435	System Dynamics	3
ME 440	Heat Transfer	3
ME 442	Machine Design II	3
ME 489	Mechanical Engineering Cooperative Education III	1
ME 497	Mechanical Engineering Capstone Design Project - CUE	3
ME 5XX	Electives	6
<b>Mechanical Engineering Core</b>		
CHEM 202	General Chemistry II - S	3
PHYS 295	Introductory Laboratories I - SL	1
<b>Minimum Total Hours</b>		<b>56</b>

Code	Title	Hours
<b>Supporting Courses</b>		
CSE 120	Introduction to Programming with Python	3
CEE 205	Mechanics I: Statics	3
CHE 253	Materials Science	3
ECE 252	Introduction to Electrical Engineering	3
IE 370	Engineering Economic Analysis	3
PHYS 299	Introductory Electricity, Magnetism and Light	4
ENGR 151	Engineering Graphics Technology	1
ENGR 307	Numerical Methods for Engineering	2

**Minimum Total Hours** **22**

Candidates for the Bachelor of Science degree must be in good standing (GPA ≥ 2.25) and must attain a GPA of at least 2.25 for all courses used to satisfy degree requirements.

**Code Title Hours**  
**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:		
ME 497	Mechanical Engineering Capstone Design Project - CUE	

- To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.
- This course is a General Education requirement for the program; see louisville.edu/provost/ger/ (<http://www.louisville.edu/provost/ger/>) for the listing, by academic year, of AH/D1/D2/SB/SBH Electives which satisfy the University-wide General Education requirements.
- Students completing ENGL 105 in lieu of ENGL 101 or ENGL 102 satisfy the General Education and Engineering Fundamentals requirements for Written Communication. However, an additional 3-hr Writing (WR) course or honors Written Communication (WC) course may be needed to satisfy program credit hour requirements.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
ENGL 101	Introduction to College Writing - WC	3
ENGR 101	Engineering Analysis I - QR	4
ENGR 110	Engineering Methods, Tools, and Practice I	2
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
ENGL 102	Intermediate College Writing - WC	3
ENGR 102	Engineering Analysis II	4
ENGR 111	Engineering Methods, Tools and Practice II	2
PHYS 295	Introductory Laboratories I - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
<b>Hours</b>		<b>17</b>
<b>Summer</b>		
CEE 205	Mechanics I: Statics	3

ENGR 201	Engineering Analysis III	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
<b>Hours</b>		<b>11</b>
<b>Year 2</b>		
<b>Fall</b>		
CHE 253	Materials Science	3
ENGR 151	Engineering Graphics Technology	1
ME 206	Mechanics II: Dynamics	3
ME 251	Thermodynamics I	3
ME 288	Mechanical Engineering Cooperative Education Seminar	0
ME 323	Mechanics of Materials	3
ME 324	Mechanics of Materials Laboratory	1
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective US Diversity - AHD1, SBD1, or SBHD1		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
ME 289	Mechanical Engineering Cooperative Education I	1
<b>Hours</b>		<b>1</b>
<b>Summer</b>		
CSE 120	Introduction to Programming with Python	3
COMM 111	Introduction to Public Speaking - OC	3
or COMM 112	or Business and Professional Speaking - OC	
IE 370	Engineering Economic Analysis	3
ME 310	Thermodynamics II	3
<b>Hours</b>		<b>12</b>
<b>Year 3</b>		
<b>Fall</b>		
ME 389	Mechanical Engineering Cooperative Education II	1
<b>Hours</b>		<b>1</b>
<b>Spring</b>		
ECE 252	Introduction to Electrical Engineering	3
ENGR 205	Differential Equations for Engineering	2
ME 311	Fluid Mechanics I	3
ME 312	Fluid Mechanics Laboratory	1
ME 380	Computer Aided Design	2
ME 381	Introduction to Manufacturing	2
ME 422	Machine Design I	3
<b>Hours</b>		<b>16</b>
<b>Summer</b>		
ME 489	Mechanical Engineering Cooperative Education III	1
<b>Hours</b>		<b>1</b>
<b>Year 4</b>		
<b>Fall</b>		
ENGR 307	Numerical Methods for Engineering	2
ME 401	Fluid Mechanics II	3
ME 414	Mechanical Measurements	3
ME 415	Senior Mechanical Engineering Laboratory	1
ME 442	Machine Design II	3
Mechanical Engineering Elective I (500 level)		3
General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
ME 435	System Dynamics	3
ME 440	Heat Transfer	3
ME 497	Mechanical Engineering Capstone Design Project - CUE	3
Mechanical Engineering Elective II (500 level)		3

General Education: Cardinal Core Arts & Humanities, Social & Behavioral Sciences, or Social & Behavioral Sciences Historical Perspective - AH, SB, or SBH 3

Hours	15
Minimum Total Hours	125

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Mechanical Engineering (ME BMC) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Middle/Secondary Education (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Middle and Secondary Education**

Unit: College of Education and Human Development (<http://louisville.edu/education/>) (ED)

Department: Elementary, Middle and Secondary Teacher Education (<http://louisville.edu/education/departments/mise/>) (EMSTEd)

Academic Plan Code(s): See Track Requirements tab.

### Program Information

The Department of Elementary, Middle and Secondary Teacher Education, in partnership with area schools, prepares teachers to be exemplary professional practitioners and scholars who are strong in their content knowledge as well as in effective research-informed teaching strategies. It is through the preparation of the strongest teachers that we seek to continually improve the quality of life for all in our community.

The Department of Elementary, Middle and Secondary Teacher Education (EMSTEd) offers a wide variety of programs and degrees for those interested in becoming a teacher (initial certification).

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements <sup>1</sup>	7
	Program/Major Requirements	20
	Track Requirements <sup>1</sup>	70-80
	<b>Minimum Total Hours</b>	<b>125</b>

<sup>1</sup> Some courses required in this degree program may satisfy multiple requirements. To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree and Track Requirements tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission requirements for this program include the following:

- Minimum of 45 credit hours (can include hours in-progress during the semester applying)
- Minimum 2.75 or higher overall GPA
- Minimum 3.0 or higher overall GPA in EDTP 107 and EDTP 201
- Minimum test scores as required by the Education Professional Standards Board
- Grade of C or better in ENGL 102 (or equivalent)
- Grade of C or better in Oral Communication course
- Other requirements as outlined in Application.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

The following course is required by all tracks in the degree program and satisfies the respective General Education Requirement(s):

EDTP 201	The Teaching Profession - SB
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Please see the Track Requirements to determine additional courses that will satisfy both a major and General Education requirement. These courses should be taken to fulfill the respective General Education Requirement.

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Pre-Professional Courses</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB <sup>1</sup>	3
EDTP 107	Human Development and Learning	3
<b>Minimum Total Hours</b>		<b>7</b>

## Mid-Point Assessment Prior to Student Teaching

Completion of each methods course with a 2.0 or better; Completion of required core and methods courses; Electronic documentation of approved field experiences including assessment and dispositions; Satisfactory dispositions assessment; Completion of all state regulations and additional requirements as identified by the Office of Educator Development and Clinical Practice; Positive recommendation from Educator Certification Committee.

## Program/Major Requirements

Code	Title	Hours
<b>Core Professional Courses</b> <sup>2</sup>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 355	Assessment and Research	3

EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
EDTP 477	Capstone Student Teaching Seminar - CUE	3

**Minimum Total Hours** 20

Code	Title	Hours
Track Requirements (see Track requirements tab)		70-80

## Degree Assessment

2.0 or higher GPA in Student Teaching; Overall 2.50 GPA in content area; 3.0 GPA in Professional Core.

## Certification Assessment

Eligible for degree; Passing scores on required PRAXIS exams; Assessment of dispositions and standards in courses completed after mid-point; Positive recommendation from Educator Certification Committee.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

EDTP 477	Capstone Student Teaching Seminar - CUE
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- 1 Completes 3 hrs of General Education Social & Behavioral requirement
- 2 Must be admitted to professional teacher education program before enrolling in core professional courses.

## Track Requirements

### Track in Biology (Grades 8-12)

Academic Plan Code(s): MISEBS\_BIO

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 424	High School Science Methods	3
<i>Student Teaching Requirement</i>		
EDTP 419	Student Teaching: High School <sup>1</sup>	9
<i>Competency Area Courses</i>		
BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 244	<sup>6</sup>	0-2
or BIOL 241 & BIOL 243	Experimental Biology I: Molecules and Cells - SL Experimental Biology II: Organismal Biology - SL	
BIOL 329	Cellular and Molecular Biology	3
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
BIOL 363	Principles of Ecology	3
BIOL 409	Evolutionary Biology - CUE	3
BIOL Elective 300 level or above		3
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1

### Supporting Courses

<sup>2</sup>

GEOS 200	The Global Environment - S	3
MATH 180	Elements of Calculus - QR	3-4
or MATH 205	Calculus I - QR	
PHYS 111	Elements of Physics - B	4
GEOS 365	Biogeography	3
Science Elective		3
Electives		16
<b>Minimum Total Hours</b>		<b>78-80</b>

Jump to footnotes table.

### Track in Chemistry (Grades 8-12)

Academic Plan Code(s): MISEBS\_CHE

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 424	High School Science Methods	3
<i>Student Teaching Requirement</i>		
EDTP 419	Student Teaching: High School <sup>1</sup>	9
<i>Competency Area Courses</i>		
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3
CHEM 343	Organic Chemistry Laboratory I	2
CHEM 344	Organic Chemistry Laboratory II	2
CHEM 441	Elements of Physical Chemistry	3
CHEM 470	Physical Chemistry Laboratory - WR	2
CHEM 527	Introduction to Separations and Spectroscopy - WR	3
CHEM 445	Survey of Biochemistry	3
or CHEM 515	Inorganic Chemistry	
<b>Supporting Courses</b>		
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
PHYS 221	Fundamentals of Physics I - S	3
PHYS 222	Fundamentals of Physics II - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
Electives		19
<b>Minimum Total Hours</b>		<b>80</b>

Jump to footnotes table. (p. )

### Track in Earth and Space Science (Grades 8-12)

Academic Plan Code(s): MISEBS\_EAS

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 424	High School Science Methods	3

### Student Teaching Requirement

EDTP 419	Student Teaching: High School <sup>1</sup>	9
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### Competency Area Courses

BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 244	<sup>6</sup>	2
or BIOL 241	Experimental Biology I: Molecules and Cells - SL	
& BIOL 243	Experimental Biology II: Organismal Biology - SL	
GEOS 200	The Global Environment - S	3
GEOS 360	Global Environmental Change	3
GEOS 363	Climate Science	3
GEOS 367	Geomorphology	3
GEOS 564	Hydrology	3
PHYS 107	Elementary Astronomy - S	3
PHYS 108	Elementary Astronomy Laboratory - SL	1
PHYS 220	Introduction to Weather and Climate - S	3

### Supporting Courses <sup>2</sup>

CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
PHYS Elective		3
Math or Science Elective		3
Electives		17

<b>Minimum Total Hours</b>		<b>77</b>
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Jump to footnotes table. (p. )

### Track in English – Leading to Certification in Grades 5-9, and Learning and Behavior Disorders – Leading to Certification in Grades P-12

Academic Plan Code(s): MISEBS\_EBD

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 407	Middle School Language Arts Methods	3
<i>Student Teaching Requirement</i>		
EDTP 417	Student Teaching: Middle School	6
EDSP 470	Student Teaching, LBD	6
<i>Competency Area Courses</i>		
EDSP 218	Technology for Students with Disabilities	3
EDSP 240	Introduction to Exceptional Children	3
EDSP 260	Classroom Behavior Management	3
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 510	Legal Issues in Special Education	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDSP 518	Structured Literacy for Diverse Learners	3
ENGL 202	Introduction to Creative Writing - AH	3

ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
EDTP 540	Teaching Adolescent Readers	3
British Literature at the 300 or 400 level		3
American Literature at the 300 or 400 level		3
Select one of the following Minority Literature courses:		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	
Select one of the following Linguistics courses:		3
ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
Elective (ENGL 300 recommended)		3
Electives		7
<b>Minimum Total Hours</b>		<b>76</b>

Jump to footnotes table. (p. )

### Track in English (Grades 8-12)

Academic Plan Code(s): MISEBS\_ENG

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 422	High School English Methods	3
<i>Student Teaching Requirement</i>		
EDTP 419	Student Teaching: High School <sup>1</sup>	9
<i>Competency Area Courses</i>		
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
Select survey courses from three of the four different survey/periods:		9
Division A:		
ENGL 301	Special Topics: Literature in English Before 1800	
ENGL 413	Special Topics: British Literature from the Beginning through Shakespeare - WR	
ENGL 414	British Literature from Shakespeare through the Neoclassical Period - WR	
Division B:		
ENGL 302	Special Topic: Literature in English After 1800	
ENGL 415	Special Topics: Nineteenth-Century British Literature - WR	
ENGL 416	Special Topics: Modern British and Irish Literature - WR	
ENGL 417	Special Topics: Contemporary British and Post-Colonial Literature - WR	
Division C:		
ENGL 418	Special Topics: American Literature to 1830 - WR	
ENGL 419	Special Topics: American Literature from 1830 to 1865 - WR	
Division D:		

ENGL 420	Special Topic: American Literature from 1865 to 1910 - WR	
ENGL 421	Special Topic: American Literature from 1910 to 1960 - WR	
ENGL 422	Special Topic: American Literature from 1960 to the Present - WR	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	
Select one of the following Shakespearian Literature courses:		3
ENGL 333	Special Topics: Shakespeare I	
ENGL 334	Special Topics: Shakespeare II	
ENGL 562	Special Topics: Shakespeare - CUE	
Select one of the following Minority Literature courses:		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 368	Minority Traditions in English Literatures - D2, AH	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 549	Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE	
ENGL 567	Special Topics: Post-Colonial Voices: Writing Experience in African Literature - CUE, WR	
Or other course approved by advisor		
Select one of the following English Language courses:		3
ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
ENGL 535	Special Topics in Applied Linguistics	
EDTP 522	Methods of Teaching Grammar, K-12	
Select one of the following Gender in Literature courses:		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 373	Women and Global Literature - D2, AH	
Or other course approved by advisor		
ENGL Elective 500 level		3
<b>Supporting Courses</b>		
Ancient through Renaissance Culture course:		3
HUM 301	Ancient Greek and Roman Cultures	
HUM 302	Medieval Culture	
HUM 303	Renaissance Cultures	
HUM 338	Greek Mythology	
HUM 339	Studies in World Mythology - D2, AH	
HUM 354	Masterpieces of Ancient Greece - WR	
HUM 355	Masterpieces of Ancient Rome - WR	
HUM 356	Masterpieces of the Middle Ages - WR	
HUM 357	Masterpieces of the Renaissance - WR	
HUM Electives 300 level or above		9
EDAP 597	Seminar in Elementary Education	3
Or TA 300 level or above		
Elective (ENGL 300 recommended)		3
Electives		13
<b>Minimum Total Hours</b>		<b>76</b>

Jump to footnotes table. (p. )

### Track in French (Grades P-12)

Academic Plan Code(s): MISEBS\_FRE

Code	Title	Hours
EDTP 301	General Methods	3
EDTP 429	World Language Methods, P-12	3
<i>Student Teaching Requirement</i>		
EDTP 412	Student Teaching: P-12	9
<i>Competency Area Courses</i>		
FREN 320	French Skills Overview	3
FREN 321	French Conversation	3
FREN 322	Written Expression - WR	3
FREN 331	French Civilization	3
FREN 332	France Today	3
FREN 455	Reading in French	3
FREN 523	Advanced Communication Skills	3
FREN 524	Theory and Practice of Translation	3
FREN Electives 300 level or above		6
<i>Supporting Courses</i>		
Supporting Courses must be approved by advisor.		15
Electives		10
<b>Minimum Total Hours</b>		<b>70</b>

Jump to footnotes table. (p. )

### Track in Mathematics and English (Grades 5-9)

Academic Plan Code(s): MISEBS\_MEN

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 407	Middle School Language Arts Methods	3
EDTP 408	Middle School Mathematics Methods	3
<i>Student Teaching Requirement</i>		
EDTP 417	Student Teaching: Middle School	9
<i>Competency Area Courses</i>		
MATH 107	Finite Mathematics (or Approved Substitute)	3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3
Select one of the following:		4
MATH 190	Precalculus - QR	
MATH 111 & MATH 112	College Algebra - QR & Trigonometry	
MATH 205	Calculus I - QR	4-3
or MATH 180	Elements of Calculus - QR	
MATH 350	Geometric Investigations	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
PHYS 111	Elements of Physics - B	4
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
British Literature at the 300 or 400 level		3

American Literature at the 300 or 400 level		3
Select one of the following Minority Literature courses:		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	
Select one of the following Linguistics courses:		3
ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
Elective (ENGL 300 recommended)		3
Electives		11
<b>Minimum Total Hours</b>		<b>80</b>

Jump to footnotes table. (p. )

### Track in Mathematics – Leading to Certification in Grades 5-9, and Learning and Behavior Disorders – Leading to Certification in Grades P-12

Academic Plan Code(s): MISEBS\_MLD

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 408	Middle School Mathematics Methods	3
<i>Student Teaching Requirement</i>		
EDTP 417	Student Teaching: Middle School	6
EDSP 470	Student Teaching, LBD	6
<i>Competency Area Courses</i>		
MATH 107	Finite Mathematics (or Approved Substitute)	3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3
Select one of the following:		4
MATH 190	Precalculus - QR	
MATH 111 & MATH 112	College Algebra - QR & Trigonometry	
MATH 205	Calculus I - QR	4-3
or MATH 180	Elements of Calculus - QR	
MATH 350	Geometric Investigations	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
PHYS 111	Elements of Physics - B	4
EDSP 218	Technology for Students with Disabilities	3
EDSP 240	Introduction to Exceptional Children	3
EDSP 260	Classroom Behavior Management	3
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 510	Legal Issues in Special Education	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDSP 518	Structured Literacy for Diverse Learners	3
Electives		8
<b>Minimum Total Hours</b>		<b>77</b>

Jump to footnotes table. (p. )

### Track in Mathematics and Science (Grades 5-9)

Academic Plan Code(s): MISEBS\_MNC

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 408	Middle School Mathematics Methods	3
EDTP 409	Middle School Science Methods	3
<i>Student Teaching Requirement</i>		
EDTP 417	Student Teaching: Middle School	9
<i>Competency Area Courses</i>		
MATH 107	Finite Mathematics (or Approved Substitute)	3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3
Select one of the following: 4		
MATH 190	Precalculus - QR	
MATH 111 & MATH 112	College Algebra - QR & Trigonometry	
MATH 205	Calculus I - QR	4-3
or MATH 180	Elements of Calculus - QR	
MATH 350	Geometric Investigations	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
PHYS 111	Elements of Physics - B	4
GEOS 200	The Global Environment - S	3
GEOS 220	Introduction to Weather and Climate - S	3
GEOS 301	Geology for Scientists and Engineers	3
BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 244		0-2
or BIOL 241 & BIOL 243	Experimental Biology I: Molecules and Cells - SL & Experimental Biology II: Organismal Biology - SL	
BIOL 363	Principles of Ecology	3
PHYS 107	Elementary Astronomy - S	3
PHYS 108	Elementary Astronomy Laboratory - SL	1
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
Electives		3
<b>Minimum Total Hours</b>		<b>78-80</b>

Jump to footnotes table. (p. )

### Track in Mathematics and Social Studies (Grades 5-9)

Academic Plan Code(s): MISEBS\_MCS

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 408	Middle School Mathematics Methods	3
EDTP 410	Middle School Social Studies Methods	3
<i>Student Teaching Requirement</i>		

EDTP 417	Student Teaching: Middle School	9
<i>Competency Area Courses</i>		
MATH 107	Finite Mathematics (or Approved Substitute)	3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3
Select one of the following: 4		
MATH 190	Precalculus - QR	
MATH 111 & MATH 112	College Algebra - QR & Trigonometry	
MATH 205	Calculus I - QR	4-3
or MATH 180	Elements of Calculus - QR	
MATH 350	Geometric Investigations	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
PHYS 111	Elements of Physics - B	4
HIST 101	History of Civilizations I - D2, SBH	3
HIST 102	History of Civilizations II - D2, SBH	3
HIST 104	American History I - SBH, D1	3
HIST 105	American History II - SBH, D1	3
HIST Elective 500 level		3
POLS 201	Introduction to American Government and Politics - SB	3
POLS Elective 300 level or above		3
GEOG 200	Human Geography in a Changing World - SB, D2	3
GEOG Elective 300 level or above		3
ECON 201	Principles of Microeconomics - SB	3
or ECON 202	Principles of Macroeconomics - SB	
Electives		5
<b>Minimum Total Hours</b>		<b>80</b>

Jump to footnotes table. (p. )

### Track in Mathematics (Grades 8-12)

Academic Plan Code(s): MISEBS\_SMA

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 423	High School Mathematics Methods	3
<i>Student Teaching Requirement</i>		
EDTP 419	Student Teaching: High School <sup>1</sup>	9
<i>Competency Area Courses</i>		
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
MATH 311	Introduction to Higher Math	3
MATH 325	Introduction to Linear Algebra	3
MATH 387	Discrete Mathematics	3
MATH 521	Modern Algebra I - CUE	3
MATH 561	Probability	3
MATH 550	Advanced Euclidean Geometry	3
or MATH 551	Geometry	
<b>Supporting Courses</b>		
MATH 562	Mathematical Statistics	3

MATH 590	History of Mathematics - WR	3
Supporting Courses (see list below) <sup>3</sup>		9
Electives		15
<b>Minimum Total Hours</b>		<b>75</b>

Jump to footnotes table. (p. )

### Track in Physics (Grades 8-12)

Academic Plan Code(s): MISEBS\_PHY

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 424	High School Science Methods	3
<i>Student Teaching Requirement</i>		
EDTP 419	Student Teaching: High School <sup>1</sup>	9
<i>Competency Area Courses</i>		
PHYS 295	Introductory Laboratories I - SL	1
PHYS 296	Introductory Laboratories II - SL	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 300	Introductory Modern Physics	3
PHYS 301	Introductory Modern Physics Laboratory	1
PHYS 460	Mechanics	3
PHYS 530	Thermal Physics	3
PHYS Electives 300 level or above		6
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
<b>Supporting Courses</b>		
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
Supporting Courses <sup>2</sup>		3
Electives		18
<b>Minimum Total Hours</b>		<b>80</b>

Jump to footnotes table. (p. )

### Track in Social Studies and English (Grades 5-9)

Academic Plan Code(s): MISEBS\_SEN

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 407	Middle School Language Arts Methods	3
EDTP 410	Middle School Social Studies Methods	3
<i>Student Teaching Requirement</i>		
EDTP 417	Student Teaching: Middle School	9
<i>Competency Area Courses</i>		
HIST 101	History of Civilizations I - D2, SBH	3
HIST 102	History of Civilizations II - D2, SBH	3
HIST 104	American History I - SBH, D1	3
HIST 105	American History II - SBH, D1	3
HIST Elective 500 level		3

POLS 201	Introduction to American Government and Politics - SB	3
POLS Elective 300 level or above		3
GEOG 200	Human Geography in a Changing World - SB, D2	3
GEOG Elective 300 level or above		3
ECON 201	Principles of Microeconomics - SB	3
or ECON 202	Principles of Macroeconomics - SB	
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
EDTP 540	Teaching Adolescent Readers	3
British Literature at the 300 or 400 level		3
American Literature at the 300 or 400 level		3
Select one of the following Minority Literature courses:		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	
Select one of the following Linguistics courses:		3
ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
Elective (ENGL 300 recommended)		3
Electives		1
<b>Minimum Total Hours</b>		<b>76</b>

Jump to footnotes table. (p. )

### Track in Social Studies – Leading to Certification in Grades 5-9, and Learning and Behavior Disorders – Leading to Certification in Grades P-12

Academic Plan Code(s): MISEBS\_SBD

Code	Title	Hours
EDTP 341	Teaching Middle School	3
EDTP 410	Middle School Social Studies Methods	3
<i>Student Teaching Requirement</i>		
EDTP 417	Student Teaching: Middle School	6
EDSP 470	Student Teaching, LBD	6
<i>Competency Area Courses</i>		
HIST 101	History of Civilizations I - D2, SBH	3
HIST 102	History of Civilizations II - D2, SBH	3
HIST 104	American History I - SBH, D1	3
HIST 105	American History II - SBH, D1	3
HIST Elective 500 level		3
POLS 201	Introduction to American Government and Politics - SB	3
POLS Elective 300 level or above		3
GEOG 200	Human Geography in a Changing World - SB, D2	3
GEOG Elective 300 level or above		3
ECON 201	Principles of Microeconomics - SB	3
or ECON 202	Principles of Macroeconomics - SB	

EDSP 218	Technology for Students with Disabilities	3
EDSP 240	Introduction to Exceptional Children	3
EDSP 260	Classroom Behavior Management	3
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 510	Legal Issues in Special Education	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDSP 518	Structured Literacy for Diverse Learners	3
Electives		1
<b>Minimum Total Hours</b>		<b>73</b>

Jump to footnotes table. (p. )

### Track in Social Studies (Grades 8-12)

Academic Plan Code(s): MISEBS\_SST

Code	Title	Hours
EDTP 301	General Methods <sup>1</sup>	3
EDTP 425	High School Social Studies Methods	3
<i>Student Teaching Requirement</i>		
EDTP 419	Student Teaching: High School <sup>1</sup>	9
<i>Competency Area Courses</i>		
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
GEOS 200	The Global Environment - S	3
GEOG 200	Human Geography in a Changing World - SB, D2	3
HIST 101	History of Civilizations I - D2, SBH	3
HIST 102	History of Civilizations II - D2, SBH	3
HIST 104	American History I - SBH, D1	3
HIST 105	American History II - SBH, D1	3
Select one of the following Modern World History courses:		3
HIST 308	Europe from 1500 to the French Revolution	
HIST 309	Europe from 1800 to the Present	
HIST 332	Latin America, 1820 to Present	
HIST 357	Middle Eastern History, 1453 to the Present - WR	
Select one of the following Post Reconstruction courses:		3
HIST 519	Gilded Age and Progressive Era United States, 1877-1929 - WR	
HIST 524	United States Civil War and Reconstruction - CUE, WR	
HIST 529	Recent American History, 1945 to Present - CUE, WR	
POLS 201	Introduction to American Government and Politics - SB	3
<b>Supporting Courses</b>		
Supporting Courses <sup>4</sup>		15
Electives		13
<b>Minimum Total Hours</b>		<b>76</b>

Jump to footnotes table. (p. )

### Track in Spanish (Grades P-12)

Academic Plan Code(s): MISEBS\_SPA

Code	Title	Hours
EDTP 301	General Methods	3
EDTP 429	World Language Methods, P-12	3
<i>Student Teaching Requirement</i>		
EDTP 412	Student Teaching: P-12	9
<i>Competency Area Courses</i>		
SPAN 201	Intermediate Spanish I	3
SPAN 202	Intermediate Spanish II	3
SPAN 301	Spanish Pronunciation	3
SPAN 305	Spanish Grammar in Context	3
SPAN 310	Readings and Writing in Spanish I	3
SPAN 311	Cultural Readings and Writing in Spanish II	3
SPAN 321	Communication and Conversation in Spanish	3
SPAN 422	Spanish Phonetics	3
SPAN 524	Introduction to Hispanic Linguistics	3
SPAN 401	Foundations of Spanish Civilization	3
or SPAN 402	Cultural and Literary Perspectives on Modern Spain	
SPAN 403	Foundations of Latin American Nations and Identities	3
or SPAN 404	Cultural and Literary Perspectives on Modern Latin America	
<b>Supporting Courses</b>		
Supporting Courses <sup>5</sup>		12
Electives		10
<b>Minimum Total Hours</b>		<b>70</b>

- <sup>1</sup> Students extending to Middle Grades certification should take EDTP 341 instead of 301, and EDTP 418 instead of 419.
- <sup>2</sup> Choose from Biology, Geosciences, Mathematics, Physics, or Chemistry as approved by advisor.
- <sup>3</sup> Courses listed plus a minimum of nine additional hours from Biology (BIOL 240/BIOL 242/BIOL 244), Mathematics, or Physics (PHYS 298/PHYS 295 and PHYS 299/PHYS 296) as approved by advisor.
- <sup>4</sup> At least nine credit hours must be earned at the 300 level or above. Courses must be approved by advisor.
- <sup>5</sup> Courses must be approved by advisor
- <sup>6</sup> Beginning in Fall 2021, BIOL 244 will no longer be offered. Students should instead take both BIOL 241 and 243 in its place. BIOL 241 should be taken concurrently with BIOL 240 and BIOL 243 should be taken concurrently with BIOL 242. BIOL 241 is a pre-requisite for BIOL 243.

### Flight Plan

#### Track in Biology (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
BIOL 240	Unity of Life - S <sup>1</sup>	3
EDTP 101	First-Year Experience	1

ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective (MATH 111 or 190, if needed)		3-4
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
BIOL 242	Diversity of Life - S <sup>1</sup>	3
BIOL 244	<sup>1</sup>	0-2
or BIOL 241	or Experimental Biology I: Molecules and Cells - SL	
BIOL 243	Experimental Biology II: Organismal Biology - SL	
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 180	Elements of Calculus - QR	3-4
or MATH 205	or Calculus I - QR	
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>15-17</b>
<b>Year 2</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
EDTP 107	Human Development and Learning	3
GEOS 200	The Global Environment - S	3
General Elective		3
General Elective		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
PHYS 111	Elements of Physics - B	4
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
BIOL 329	Cellular and Molecular Biology	3
BIOL 363	Principles of Ecology	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 424	High School Science Methods	3
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
BIOL 330	Genetics and Molecular Biology	3
BIOL 331	Genetics and Molecular Biology: Laboratory	2
BIOL 409	Evolutionary Biology - CUE	3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 419	Student Teaching: High School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
GEOS 365	Biogeography	3

Biology Elective (300 level)	3
Supporting Science Elective as approved by advisor	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>123-125</b>

<sup>1</sup> Beginning in Fall 2021, BIOL 244 will no longer be offered. Students should instead take both BIOL 241 and 243 in its place. BIOL 241 should be taken concurrently with BIOL 240 and BIOL 243 should be taken concurrently with BIOL 242. BIOL 241 is a pre-requisite for BIOL 243.

## Track in Chemistry (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Oral Communication - OC		3
General Elective (MATH 190, if needed)		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
CHEM 210	Introduction to Chemical Analysis IV	1
EDTP 107	Human Development and Learning	3
MATH 206	Calculus II	4
PHYS 221	Fundamentals of Physics I - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
CHEM 341	Organic Chemistry I	3
CHEM 343	Organic Chemistry Laboratory I	2
PHYS 222	Fundamentals of Physics II - S	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
CHEM 441	Elements of Physical Chemistry	3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 424	High School Science Methods	3
CHEM 342	Organic Chemistry II	3

CHEM 344	Organic Chemistry Laboratory II	2
CHEM 470	Physical Chemistry Laboratory - WR	2
General Elective		3
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 419	Student Teaching: High School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
CHEM 527	Introduction to Separations and Spectroscopy - WR	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
CHEM 445 or CHEM 515	Survey of Biochemistry or Inorganic Chemistry	3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Earth and Space Science (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 180 or MATH 111	Elements of Calculus - QR or College Algebra - QR	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Elective (BIOL 102, if needed)		3
General Elective		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 240	Unity of Life - S <sup>1</sup>	3
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
GEOS 200	The Global Environment - S	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 242	Diversity of Life - S <sup>1</sup>	3
BIOL 244	<sup>1</sup>	0-2
or BIOL 241	or Experimental Biology I: Molecules and Cells - SL	
BIOL 243	Experimental Biology II: Organismal Biology - SL	
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
EDTP 107	Human Development and Learning	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>14-16</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
PHYS 220 or GEOS 220	Introduction to Weather and Climate - S or Introduction to Weather and Climate - S	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3

General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
GEOS 564	Hydrology	3
PHYS 107	Elementary Astronomy - S	3
PHYS 108	Elementary Astronomy Laboratory - SL	1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 424	High School Science Methods	3
GEOS 360	Global Environmental Change	3
GEOS 363	Climate Science	3
GEOS 367	Geomorphology	3
<b>Hours</b>		<b>16</b>

<b>Year 4</b>		
<b>Fall</b>		
EDTP 419	Student Teaching: High School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
Physics Elective		3
Math or Science Elective		3
General Elective		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>123-125</b>

<sup>1</sup> Beginning in Fall 2021, BIOL 244 will no longer be offered. Students should instead take both BIOL 241 and 243 in its place. BIOL 241 should be taken concurrently with BIOL 240 and BIOL 243 should be taken concurrently with BIOL 242. BIOL 241 is a pre-requisite for BIOL 243.

## Track in English – Leading to Certification in Grades 5-9, and Learning and Behavior Disorders – Leading to Certification in Grades P-12

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective US Diversity or Global Diversity - SBHD1 or SBHD2		3
General Elective		1
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
EDSP 240	Introduction to Exceptional Children	3
General Education: Cardinal Core Natural Sciences - S		3

General Education: Cardinal Core Natural Sciences Lab - SL	1
General Education: Cardinal Core Oral Communication - OC	3
General Elective	3

**Hours** 16

**Year 2**

**Fall**

EDSP 218	Technology for Students with Disabilities	3
EDTP 107	Human Development and Learning	3
ENGL 202	Introduction to Creative Writing - AH	3
General Elective (ENGL 300 recommended)		3
Minority Literature Course - (Choose From List Below or Other Course Approved by Advisor)		3

ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	

**Hours** 15

**Spring**

EDSP 260	Classroom Behavior Management	3
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
American Literature Course (ENGL 301 or 302 recommended)		3
General Education: Cardinal Core Natural Sciences - S		3
General Elective		3

**Hours** 15

**Year 3**

**Fall**

EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDTP 341	Teaching Middle School	3
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 540	Teaching Adolescent Readers	3

**Hours** 18

**Spring**

EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDSP 518	Structured Literacy for Diverse Learners	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 407	Middle School Language Arts Methods	3
British Literature (ENGL 301 or 302 recommended)		3

**Hours** 17

**Year 4**

**Fall**

EDSP 470	Student Teaching, LBD	6
EDTP 417	Student Teaching: Middle School	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3

**Hours** 15

**Spring**

EDSP 510	Legal Issues in Special Education	3
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3

Select one of the following: 3

ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	

EDTP 522	Methods of Teaching Grammar, K-12	
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in English (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		1
<b>Hours</b>		<b>14</b>

**Spring**

EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC (TA 224 recommended)		3
General Education: Cardinal Core Natural Sciences with Lab - B		4
General Elective		3

**Hours** 16

**Year 2**

**Fall**

EDTP 107	Human Development and Learning	3
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
General Elective (ENGL 300 recommended)		3
Gender in Literature (Choose From List Below or Other Course Approved By Advisor):		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 373	Women and Global Literature - D2, AH	
General Elective		3

**Hours** 15

**Spring**

Choose a course from Division A, B, C, or D (ENGL 301 or 302 recommended)		3
Shakespearean Literature (Choose One From List Below):		3
ENGL 333	Special Topics: Shakespeare I	
ENGL 334	Special Topics: Shakespeare II	
ENGL 562	Special Topics: Shakespeare - CUE	
Theatre Arts course at 300 level or above		3
Humanities Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
General Elective		3

**Hours** 18

**Year 3**

**Fall**

EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
ENGL 500 Level Literature Course		3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3

**Hours** 16

**Spring**

EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 422	High School English Methods	3
Select one of the following:		3

ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
ENGL 535	Special Topics in Applied Linguistics	
Choose a course from Division A, B, C, or D (ENGL 301 or 302 recommended)		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 419	Student Teaching: High School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
Literature survey/period course from a third period (300 level) <sup>1</sup>		3
Humanities Elective (300 level)		3
Humanities Ancient through Renaissance Culture Elective		3
Minority Literatures (Choose From List Below or Other Course Approved by Advisor)		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 368	Minority Traditions in English Literatures - D2, AH	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 549	Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE	
ENGL 567	Special Topics: Post-Colonial Voices: Writing Experience in African Literature - CUE, WR	
<b>Hours</b>		<b>18</b>
<b>Minimum Total Hours</b>		<b>125</b>

<sup>1</sup> Students must select courses from three of the four different survey period divisions. Students may only substitute courses with the permission of their advisor.

## Track in French (Grades P-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
FREN 320	French Skills Overview	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
FREN 322	Written Expression - WR	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
FREN 321	French Conversation	3
French Elective (300 level or above)		3
General Education: Cardinal Core Natural Sciences with Lab - B		4

General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
FREN 332	France Today	3
French Elective (300 level or above)		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
FREN 331	French Civilization	3
FREN 455	Reading in French	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 429	World Language Methods, P-12	3
FREN 524	Theory and Practice of Translation	3
Supporting Course		3
Supporting Course		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 412	Student Teaching: P-12	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
FREN 523	Advanced Communication Skills	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
Supporting Course		3
Supporting Course		3
Supporting Course		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Mathematics and English (Grades 5-9)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 190	Precalculus - QR	4
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective US Diversity or Global Diversity - SBHD1 or SBHD2		3
General Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
General Education: Cardinal Core Oral Communication - OC		3

General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
General Elective (ENGL 300 recommended)		3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
MATH 107	Finite Mathematics (Or Approved Substitute)	3
PHYS 111	Elements of Physics - B	4
American Literature Course (ENGL 301 or 302 recommended)		3
Minority Literature Course - Choose From List Below (or Other Course Approved by Advisor):		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 540	Teaching Adolescent Readers	3
MATH 350	Geometric Investigations	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 407	Middle School Language Arts Methods	3
EDTP 408	Middle School Mathematics Methods	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 417	Student Teaching: Middle School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
Select one of the following:		3
ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
British Literature Course (ENGL 301 or 302 recommended)		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>125</b>

<sup>1</sup> Must have one D1 and one D2 course in order to satisfy General Education requirements.

### Track in Mathematics – Leading to Certification in Grades 5-9, and Learning and Behavior Disorders - Leading to Certification in Grades P-12

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
MATH 190	Precalculus - QR	4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 240	Introduction to Exceptional Children	3
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
or MATH 180	or Elements of Calculus - QR	
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDSP 218	Technology for Students with Disabilities	3
EDTP 107	Human Development and Learning	3
MATH 151	Mathematics for Elementary Education I	3
MATH 350	Geometric Investigations	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 260	Classroom Behavior Management	3
MATH 107	Finite Mathematics (Or Approved Substitute)	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
PHYS 111	Elements of Physics - B	4
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3
EDTP 341	Teaching Middle School	3
EDTP 420	Reading and Writing Across the Curriculum	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDSP 518	Structured Literacy for Diverse Learners	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 408	Middle School Mathematics Methods	3
General Elective		3
<b>Hours</b>		<b>17</b>

Year 4		
<b>Fall</b>		
EDSP 470	Student Teaching, LBD	6
EDTP 417	Student Teaching: Middle School	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 510	Legal Issues in Special Education	3
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
MATH 109	Elementary Statistics - QR	3
General Elective		1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>125</b>

### Track in Mathematics and Science (Grades 5-9)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
GEOS 200	The Global Environment - S	3
MATH 190	Precalculus - QR	4
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
or MATH 180	or Elements of Calculus - QR	
PHYS 107	Elementary Astronomy - S	3
PHYS 108	Elementary Astronomy Laboratory - SL	1
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 240	Unity of Life - S <sup>1</sup>	3
EDTP 107	Human Development and Learning	3
GEOS 220	Introduction to Weather and Climate - S	3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BIOL 242	Diversity of Life - S <sup>1</sup>	3
BIOL 244	<sup>1</sup>	0-2
or BIOL 241	or Experimental Biology I: Molecules and Cells - SL	
BIOL 243	Experimental Biology II: Organismal Biology - SL	
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
MATH 107	Finite Mathematics (Or Approved Substitute)	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
<b>Hours</b>		<b>17-19</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3

EDTP 420	Reading and Writing Across the Curriculum	3
CHEM 202	General Chemistry II - S	3
MATH 350	Geometric Investigations	3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 408	Middle School Mathematics Methods	3
EDTP 409	Middle School Science Methods	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>

Year 4		
<b>Fall</b>		
EDTP 417	Student Teaching: Middle School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>12</b>

<b>Spring</b>		
BIOL 363	Principles of Ecology	3
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
GEOS 301	Geology for Scientists and Engineers	3
PHYS 111	Elements of Physics - B	4
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>123-125</b>

<sup>1</sup>Beginning in Fall 2021, BIOL 244 will no longer be offered. Students should instead take both BIOL 241 and 243 in its place. BIOL 241 should be taken concurrently with BIOL 240 and BIOL 243 should be taken concurrently with BIOL 242. BIOL 241 is a pre-requisite for BIOL 243.

### Track in Mathematics and Social Studies (Grades 5-9)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
GEOS 200	The Global Environment - S	3
MATH 190	Precalculus - QR	4
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
HIST 101	History of Civilizations I - D2, SBH	3
MATH 205	Calculus I - QR	4
or MATH 180	or Elements of Calculus - QR	
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
GEOG 200	Human Geography in a Changing World - SB, D2	3
HIST 104	American History I - SBH, D1	3
MATH 109	Elementary Statistics - QR	3
MATH 151	Mathematics for Elementary Education I	3

POLS 201	Introduction to American Government and Politics - SB	3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
HIST 102	History of Civilizations II - D2, SBH	3
HIST 105	American History II - SBH, D1	3
MATH 107	Finite Mathematics (Or Approved Substitute)	3
PHYS 111	Elements of Physics - B	4
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
EDTP 420	Reading and Writing Across the Curriculum	3
ECON 201	Principles of Microeconomics - SB	3
MATH 350	Geometric Investigations	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 408	Middle School Mathematics Methods	3
EDTP 410	Middle School Social Studies Methods	3
MATH 451	Problem Solving in Number Systems and Discrete Mathematics	3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 417	Student Teaching: Middle School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
Geography Elective (300 level)		3
History Elective (500 level)		3
Political Science Elective (300 level)		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Mathematics (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S (other than Physics)		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Elective (or MATH 190, if needed)		3-4
General Elective		1-2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
MATH 205	Calculus I - QR	4
General Education: Cardinal Core Oral Communication - OC		3

General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
MATH 206	Calculus II	4
MATH 311	Introduction to Higher Math	3
PHYS 298	Introductory Mechanics, Heat and Sound - S (Recommended Related/Supporting Course)	4
PHYS 295	Introductory Laboratories I - SL (Recommended Related/Supporting Course)	1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MATH 301	Calculus III	4
MATH 325	Introduction to Linear Algebra	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
MATH 387	Discrete Mathematics	3
MATH 521	Modern Algebra I - CUE	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 423	High School Mathematics Methods	3
MATH 550	Advanced Euclidean Geometry	3
or MATH 551	or Geometry	
MATH 561	Probability	3
Supporting Course		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
EDTP 419	Student Teaching: High School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
MATH 562	Mathematical Statistics	3
MATH 590	History of Mathematics - WR ( or approved course)	3
Supporting Course		1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>125</b>

## Track in Physics (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3

General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
General Education: Cardinal Core Oral Communication - OC	3
General Elective (MATH 190, if needed)	4
<b>Hours</b>	<b>14</b>
<b>Spring</b>	
EDTP 201 The Teaching Profession - SB	3
ENGL 102 Intermediate College Writing - WC	3
MATH 205 Calculus I - QR	4
PHYS 298 Introductory Mechanics, Heat and Sound - S	4
PHYS 295 Introductory Laboratories I - SL	1
<b>Hours</b>	<b>15</b>
<b>Year 2</b>	
<b>Fall</b>	
CHEM 201 General Chemistry I - S	3
EDTP 107 Human Development and Learning	3
MATH 206 Calculus II	4
PHYS 299 Introductory Electricity, Magnetism and Light	4
PHYS 296 Introductory Laboratories II - SL	1
General Elective	2
<b>Hours</b>	<b>17</b>
<b>Spring</b>	
CHEM 202 General Chemistry II - S	3
MATH 301 Calculus III	4
General Education: Cardinal Core Arts & Humanities Globa Diversity - AHD2	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Year 3</b>	
<b>Fall</b>	
EDTP 301 General Methods	3
EDTP 328 Building Learning Communities	3
EDTP 330 Building Learning Communities Field Experience	1
EDTP 420 Reading and Writing Across the Curriculum	3
PHYS 300 Introductory Modern Physics	3
PHYS 301 Introductory Modern Physics Laboratory	1
Physics Elective (PHYS 350 recommended)	3
<b>Hours</b>	<b>17</b>
<b>Spring</b>	
EDSP 345 Special Populations in Schools	3
EDSP 346 Special Populations in Schools Field Experience	1
EDTP 424 High School Science Methods	3
PHYS 460 Mechanics	3
PHYS 530 Thermal Physics	3
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Year 4</b>	
<b>Fall</b>	
EDTP 419 Student Teaching: High School	9
EDTP 477 Capstone Student Teaching Seminar - CUE	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
EDTP 355 Assessment and Research	3
EDTP 506 Public Schools in America: Understanding our Past to Envision our Future	3
Physics Elective	3
Supporting Course	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>125</b>

## Track in Social Studies and English (Grades 5-9)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
HIST 101	History of Civilizations I - D2, SBH	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
HIST 102	History of Civilizations II - D2, SBH	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
ECON 201	Principles of Microeconomics - SB	3
or ECON 202	or Principles of Macroeconomics - SB	
EDTP 107	Human Development and Learning	3
ENGL 202	Introduction to Creative Writing - AH	3
General Elective (ENGL 300 recommended)		3
HIST 104	American History I - SBH, D1	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
American Literature Course (ENGL 301 or 302 recommended)		3
GEOG 200	Human Geography in a Changing World - SB, D2	3
HIST 105	American History II - SBH, D1	3
POLS 201	Introduction to American Government and Politics - SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>18</b>
<b>Year 3</b>		
<b>Fall</b>		
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 341	Teaching Middle School	3
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 540	Teaching Adolescent Readers	3
Minority Literature Course (300 level) - Choose From List Below:		3
ENGL 342	Black Women Novelists - AH, D2, WR	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 423	Special Topics: African-American Literature Before 1900 - WR	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 407	Middle School Language Arts Methods	3
EDTP 410	Middle School Social Studies Methods	3
British Literature Course (ENGL 301 or 302 recommended)		3
Select one of the following:		3
ENGL 518	Special Topics: Foundations of Language	
ENGL 522	Special Topics: Structure of Modern English	
EDTP 522	Methods of Teaching Grammar, K-12	
<b>Hours</b>		<b>16</b>

Year 4		
<b>Fall</b>		
EDTP 417	Student Teaching: Middle School	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>12</b>
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	3
Geography Elective (300 level)		3
History Elective (500 level)		3
Political Science Elective (300 level)		3
<b>Hours</b>		<b>18</b>
<b>Minimum Total Hours</b>		<b>125</b>

### Track in Social Studies – Leading to Certification in Grades 5-9, and Learning and Behavior Disorders - Leading to Certification in Grades P-12

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
EDTP 201	The Teaching Profession - SB	3
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
EDSP 240	Introduction to Exceptional Children	3
ENGL 102	Intermediate College Writing - WC	3
GEOG 200	Human Geography in a Changing World - SB, D2	3
HIST 101	History of Civilizations I - D2, SBH	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		1
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
EDSP 218	Technology for Students with Disabilities	3
EDTP 107	Human Development and Learning	3
HIST 104	American History I - SBH, D1	3
POLS 201	Introduction to American Government and Politics - SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ECON 201	Principles of Microeconomics - SB	3
or ECON 202	or Principles of Macroeconomics - SB	
EDSP 260	Classroom Behavior Management	3
HIST 102	History of Civilizations II - D2, SBH	3
HIST 105	American History II - SBH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>18</b>
<b>Year 3</b>		
<b>Fall</b>		
EDSP 442	Practicum: Learning and Behavior Disorders	3
EDSP 512	Methods for Students with Learning and Behavior Disorders	3
EDSP 516	Assessment Procedures for Students with Learning & Behavior Disorders	3

EDTP 341	Teaching Middle School	3
EDTP 420	Reading and Writing Across the Curriculum	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDSP 518	Structured Literacy for Diverse Learners	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 410	Middle School Social Studies Methods	3
Geography Elective (300 level)		3
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
EDSP 470	Student Teaching, LBD	6
EDTP 417	Student Teaching: Middle School	6
EDTP 477	Capstone Student Teaching Seminar - CUE	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EDSP 510	Legal Issues in Special Education	3
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
History Elective (500 level)		3
Political Science Elective (300 level)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>125</b>

### Track in Social Studies (Grades 8-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
GEOG 200	Human Geography in a Changing World - SB, D2	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
GEOS 200	The Global Environment - S	3
HIST 101	History of Civilizations I - D2, SBH	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
ECON 202	Principles of Macroeconomics - SB	3
EDTP 107	Human Development and Learning	3
HIST 102	History of Civilizations II - D2, SBH	3
HIST 104	American History I - SBH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
ECON 201	Principles of Microeconomics - SB	3
HIST 105	American History II - SBH, D1	3
POLS 201	Introduction to American Government and Politics - SB	3
Modern World History Elective (300 level)		3

General Education: Cardinal Core Arts & Humanities - AH	3
General Elective	3
<b>Hours</b>	<b>18</b>
<b>Year 3</b>	
<b>Fall</b>	
EDTP 301 General Methods	3
EDTP 328 Building Learning Communities	3
EDTP 330 Building Learning Communities Field Experience	1
EDTP 420 Reading and Writing Across the Curriculum	3
Supporting Course (300 level or above)	3
Supporting Course (300 level or above)	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
EDSP 345 Special Populations in Schools	3
EDSP 346 Special Populations in Schools Field Experience	1
EDTP 425 High School Social Studies Methods	3
Supporting Course (300 level or above)	3
Supporting Course	3
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Year 4</b>	
<b>Fall</b>	
EDTP 419 Student Teaching: High School	9
EDTP 477 Capstone Student Teaching Seminar - CUE	3
General Elective	1
<b>Hours</b>	<b>13</b>
<b>Spring</b>	
EDTP 355 Assessment and Research	3
EDTP 506 Public Schools in America: Understanding our Past to Envision our Future	3
Post-Reconstruction History Course	3
Supporting Course	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>125</b>

## Track in Spanish (Grades P-12)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
EDTP 101	First-Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
SPAN 201	Intermediate Spanish I	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EDTP 201	The Teaching Profession - SB	3
ENGL 102	Intermediate College Writing - WC	3
SPAN 202	Intermediate Spanish II	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
EDTP 107	Human Development and Learning	3
SPAN 301	Spanish Pronunciation	3
SPAN 305	Spanish Grammar in Context	3
SPAN 310	Readings and Writing in Spanish I	3

General Education: Cardinal Core Natural Sciences with Lab - B	4	
<b>Hours</b>	<b>16</b>	
<b>Spring</b>		
SPAN 311	Cultural Readings and Writing in Spanish II	3
SPAN 321	Communication and Conversation in Spanish	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3	
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3	
General Elective	3	
<b>Hours</b>	<b>15</b>	
<b>Year 3</b>		
<b>Fall</b>		
EDTP 301	General Methods	3
EDTP 328	Building Learning Communities	3
EDTP 330	Building Learning Communities Field Experience	1
EDTP 420	Reading and Writing Across the Curriculum	3
SPAN 401 or SPAN 402	Foundations of Spanish Civilization or Cultural and Literary Perspectives on Modern Spain	3
Supporting Course		3
<b>Hours</b>	<b>16</b>	
<b>Spring</b>		
EDSP 345	Special Populations in Schools	3
EDSP 346	Special Populations in Schools Field Experience	1
EDTP 429	World Language Methods, P-12	3
SPAN 422	Spanish Phonetics	3
SPAN 524	Introduction to Hispanic Linguistics	3
Supporting Course		3
General Elective		1
<b>Hours</b>	<b>17</b>	
<b>Year 4</b>		
<b>Fall</b>		
EDTP 412	Student Teaching: P-12	9
EDTP 477	Capstone Student Teaching Seminar - CUE	3
General Elective		3
<b>Hours</b>	<b>15</b>	
<b>Spring</b>		
EDTP 355	Assessment and Research	3
EDTP 506	Public Schools in America: Understanding our Past to Envision our Future	3
SPAN 403 or SPAN 404	Foundations of Latin American Nations and Identities or Cultural and Literary Perspectives on Modern Latin America	3
Supporting Course		3
Supporting Course		3
<b>Hours</b>	<b>15</b>	
<b>Minimum Total Hours</b>	<b>125</b>	

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

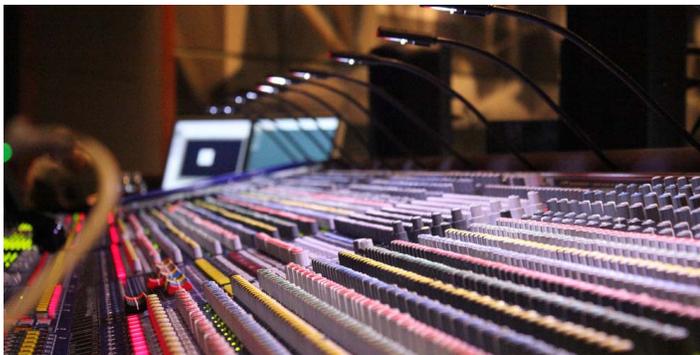
Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Science in Middle/Secondary Education with the available tracks prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Music & New Media (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Music with Emphasis in New Media

Unit: Music (<http://louisville.edu/music/>)  
Academic Plan Code(s): MUSIBA\_MNM

## Program Information

The Music & New Media program provides training in digital media concepts and skills necessary for the creation and production of sound for public performance, music albums, digital video, internet applications, interactive media, cinema, commercials, video games, theater, dance, and software development.

Students have the flexibility in the curriculum to focus on their own goals and interests after completing the minimum requirements of the program in audio engineering, acoustics, sound design, electronic music, sound

analysis, video generation, sound art, and creative new media projects. Students design and realize a Capstone project with direct faculty oversight. These projects reflect the student's own focus, interests, and goals.

The program is designed to prepare students for careers in music and new media arts that emphasize presentation, performance, and research with technology, including audio and video production for multimedia communications, music recording, audio and video post-production, video art, sound engineering, sound design for film and gaming, sound art, sound and image research, public performance, and computer music composition.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
College/School Requirements		38
Program/Major Requirements		29
Supporting Courses		22
<b>Minimum Total Hours</b>		<b>120</b>

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>		31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II	4
MUS 241	Theory III	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (Principal Ensemble - minimum of two 1-hour courses) <sup>2</sup>	2
MUS 109	Major Ensembles (minimum of six 1-hour courses) <sup>5</sup>	6

MUS 97	Recital Attendance (four semesters with grade of S)	0
<i>Applied Instrument or Voice.</i> <sup>6</sup>		4
One of the following sequences:		
MUS 125 & MUS 126 & MUS 225 & MUS 226	Arts Instrument	
-or-		
MUS 105 & MUS 106	Jazz Applied	
MUS 131	Piano Class <sup>7,8</sup>	1
MUS 132	Piano Class <sup>7,8</sup>	1
MUS 350	Analysis of Electronic Media	2
MUS 100	Introduction to Music Study	1
MUS 197	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>38</b>

## Program/Major Requirements

Code	Title	Hours
<b>Music &amp; New Media Courses</b>		
MUS 170	Introduction to Musical Acoustics	3
MUS 171	Audio Engineering	3
MUS 270	Creative Audio Recording and Production Techniques	2
MUS 271	Sound Design	3
MUS 376	Sound Art	3
MUS 477	Special Topics in New Media	3
MUS 145	Secondary Composition	2
Select two courses from the following:		4
MUS 535	Music Industry I	
MUS 551	Studies in Improvisation	
MUS 567	Introduction to Electronic and Computer Music	
MUS 575	Music Production	
MUS 576	Multimedia Production	
MUS 586	Composition for Digital Media I	
MUS 396	New Media Internship	2
MUS 268	New Media Seminar (8 semesters)	4
MUS 496	BA Capstone Project (CUE)	0
<b>Minimum Total Hours</b>		<b>29</b>

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives <sup>10</sup>		22

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 496	BA Capstone Project	

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards

of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or (MUS 347 Analysis I for BA General, MUS 349 Jazz Analysis for BA Jazz Studies, MUS 350 Analysis of Electronic Media for BA Music & New Media); MUS 361 Music Literature I (1000-1750); 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

- Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass Theory I (MUS 141), and students who enter the School of Music in January and do not place into MUS 142 Theory II, must enroll in MUS 92 Musicianship I for the spring semester. Credits for MUS 92 do not count toward the degree.
- Strings take section 01, others solely dependent on the ensemble audition.
- Contingent on interest and audition.
- The Piano Proficiency Examination is required for applied piano and organ majors.
- If the applied area is piano or organ, Piano Class is replaced with 2 hours of music electives. The Piano Proficiency Examination may be taken in lieu of two semesters of Piano Class.
- Students must pass the complete Piano Proficiency Examination before receiving credit for the final semester of the piano requirement. Students must be enrolled continuously in Piano Class until their piano requirement has been completed. Those who pass the Piano Proficiency Exam before the end of the second semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits.
- Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. For the Bachelor of Arts degree, in addition to the electives listed for the Bachelor of Music, applied music courses beyond the required four semesters are acceptable as music electives. MUH courses will not be accepted as music electives.

<sup>10</sup> Non-music electives which include 18 hours in one area of concentration. At least nine (9) hours in the area of concentration, and a total of 12 of the 23 hours, must be at the 300-level or above.

The student may choose to pursue a second major or take a minor in a non-music area. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 125	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 170	Introduction to Musical Acoustics	3
MUS 268	New Media Seminar	0.5
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 126	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class (or Music Elective)	1
MUS 197	Piano Proficiency	0
MUS 171	Audio Engineering	3
MUS 268	New Media Seminar	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning – QR		3
Milestones after Year 1: 31 total hours, 2.5 GPA		
<b>Hours</b>		<b>16.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 225	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 268	New Media Seminar	0.5
MUS 271	Sound Design	3
Non-Music Elective in any other discipline		1
General Education: Cardinal Core Natural Science – S		3
General Education: Cardinal Core Natural Science Lab – SL		1
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 226	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 361	Music Literature I (1000-1750)	3
MUS 350	Analysis of Electronic Media	2
MUS 97	Recital Attendance	0
MUS 145	Secondary Composition	2
MUS 268	New Media Seminar	0.5
MUS 270	Creative Audio Recording and Production Techniques	2
PAS 214	African-American Music - AH, D1	3
Milestones after Year 2: 60 total hours, 2.5 GPA		
<b>Hours</b>		<b>14.5</b>

### Year 3

<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 268	New Media Seminar	0.5
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
Non-Music Elective in chosen concentration		3
Non-Music Elective in chosen concentration		3
General Education: Cardinal Core Oral Communication – OC		3
General Education: Cardinal Core Natural Science – S		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 268	New Media Seminar	0.5
MUS 363	Music Literature III (1860-present)	3
MUS 376	Sound Art	3
MUS 396	New Media Internship	2
Non-Music Elective in chosen concentration (300 level or above)		3
General Education: Cardinal Core Arts & Humanities – AH		3
Milestones after Year 3: 92 total hours, 2.5 GPA		
<b>Hours</b>		<b>15.5</b>

### Year 4

<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 268	New Media Seminar	0.5
MUS 477	Special Topics in New Media	3
Choose one of the following courses: MUS 535, 551, 567, 575, 576, 586		2
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in any other discipline (300 level or above)		3
General Education: Cardinal Core Historical Perspective – SBH		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in chosen concentration		3
ANTH 205	Music in World Cultures - D2, SB	3
Choose from one of the following: MUS 535, 551, 567, 575, 576, 586		2
MUS 268	New Media Seminar	0.5
MUS 496	BA Capstone Project	0
Milestones after Year 4: 120 total hours, 2.5 GPA		
<b>Hours</b>		<b>12.5</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music Composition (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Composition

Unit: Music (<http://www.louisville.edu/music/>)  
Academic Plan Code(s): MUSIBM\_COM

### Program Information

The Bachelor of Music Composition (BM) degree at UofL is a four-year program of study designed to develop a high level of expertise in music composition and related skills. In addition, the program encourages and promotes the development of each student's individual compositional "voice" or personality.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Major Requirements	34
	Supporting Courses	10
	<b>Minimum Total Hours</b>	<b>122</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

### Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 131	Piano Class <sup>5</sup>	1
MUS 132	Piano Class <sup>5</sup>	1
MUS 231	Piano Class III <sup>5,6</sup>	1
MUS 347	Analysis I	2
MUS 111	Principal Applied Study <sup>7</sup>	2
or MUS 105	Jazz Applied	
MUS 112	Principal Applied Study <sup>7</sup>	2
or MUS 106	Jazz Applied	
MUS 211	Principal Applied Study <sup>7</sup>	2
or MUS 205	Jazz Applied	
MUS 212	Principal Applied Study <sup>7</sup>	2
or MUS 206	Jazz Applied	
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
	<b>Minimum Total Hours</b>	<b>47</b>

## Program/Major Requirements

Code	Title	Hours
<b>Music Composition Requirements</b>		
MUS 143	Composition and Orchestration	2
MUS 144	Composition and Orchestration	2
MUS 243	Composition and Orchestration <sup>8</sup>	2
MUS 244	Composition and Orchestration <sup>8</sup>	2
MUS 343	Composition and Orchestration <sup>8</sup>	2
MUS 344	Composition and Orchestration <sup>8</sup>	2

MUS 443	Composition and Orchestration <sup>8</sup>	2
MUS 444	Composition and Orchestration - CUE <sup>8</sup>	2
MUS 441	Composition Seminar (eight semesters)	0
MUS 353	Contemporary Composition Techniques I	2
MUS 354	Contemporary Composition Techniques II	2
MUS 348	Analysis II	2
MUS 270	Creative Audio Recording and Production Techniques	2
MUS 547	Chromatic Harmony and Analysis	2
MUS 548	Post-Tonal Theory and Analysis	2
MUS 549	Renaissance Counterpoint	2
MUS 550	Baroque Counterpoint	2
MUS 567	Introduction to Electronic and Computer Music	2
MUS 497	Senior Recital - CUE <sup>9</sup>	0
<b>Minimum Total Hours</b>		<b>34</b>

Code	Title	Hours
<b>Supporting Courses</b>		
MUS 359	Conducting I	2
MUS 325	Arts Instrument	1
MUS 326	Arts Instrument	1
MUS 425	Arts Instrument	1
MUS 426	Arts Instrument	1
MUS 551	Studies in Improvisation	2
Electives <sup>10</sup>		2
<b>Minimum Total Hours</b>		<b>10</b>

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361 Music Literature I; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

- Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142 Theory II, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Strings take section 01, others solely dependent on the ensemble audition.
- If applied principal is piano, Piano Class is replaced with 3 hours of electives. For students with a piano background, three semesters of MUS 121-MUS 221 (Secondary Piano) may be substituted.
- Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the proficiency exam requirement is complete. Students must be enrolled continuously in Piano Class until their requirement has been completed. Those who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits. Entering students who have a background in piano may register for Piano Proficiency MUS 297 for one semester with approval of the Keyboard Area.
- Students may choose either the applied principal (non-jazz) lesson sequence (MUS 111, MUS 112, MUS 211, MUS 212, MUS 325, MUS 326, MUS 425, MUS 426) or applied jazz lesson sequence (MUS 105, MUS 106, MUS 205, MUS 206, MUS 325, MUS 326, MUS 425, MUS 426). Except upon petition and approval, students will be locked in to the entire sequence of either applied principal (non-jazz) or applied jazz lessons. Only instrumentalists with corresponding jazz instructors at UofL may opt for the applied jazz lesson sequence.
- Undergraduate composition majors enrolled in MUS 243–MUS 444 are required to present public performances of their original works to average at least eight minutes of music per semester. The senior recital does not count toward these averages, but does fulfill the requirement for the semester in which it is given.
- Students must present a recital of original works.
- Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 109	Major Ensembles	1
MUS 111 or MUS 105	Principal Applied Study or Jazz Applied	2

MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class (or Music Elective)	1
MUS 143	Composition and Orchestration	2
MUS 441	Composition Seminar	0
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>14</b>

**Spring**

MUS 112 or MUS 106	Principal Applied Study or Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class (or Music Elective)	1
MUS 144	Composition and Orchestration	2
MUS 441	Composition Seminar	0
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>

**Year 2**

**Fall**

MUS 211 or MUS 205	Principal Applied Study or Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 243	Composition and Orchestration	2
MUS 353	Contemporary Composition Techniques I	2
MUS 441	Composition Seminar	0
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>

**Spring**

MUS 212 or MUS 206	Principal Applied Study or Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 244	Composition and Orchestration	2
MUS 441	Composition Seminar	0
MUS 354	Contemporary Composition Techniques II	2
MUS 270	Creative Audio Recording and Production Techniques	2
<b>Hours</b>		<b>16</b>

**Year 3**

**Fall**

MUS 325	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 343	Composition and Orchestration	2
MUS 441	Composition Seminar	0
MUS 347	Analysis I	2
MUS 567	Introduction to Electronic and Computer Music	2
General Education: Cardinal Core Natural Sciences with Lab - B		4
<b>Hours</b>		<b>15</b>

**Spring**

MUS 326	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 344	Composition and Orchestration	2
MUS 441	Composition Seminar	0

MUS 359	Conducting I	2
MUS 348	Analysis II	2
PAS 214	African-American Music - AH, D1	3
ANTH 205	Music in World Cultures - D2, SB	3

**Hours** **17**

**Year 4**

**Fall**

MUS 425	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 443	Composition and Orchestration	2
MUS 441	Composition Seminar	0
MUS 549	Renaissance Counterpoint	2
MUS 548	Post-Tonal Theory and Analysis	2
Music Electives		2
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>

**Spring**

MUS 426	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 550	Baroque Counterpoint	2
MUS 551	Studies in Improvisation	2
MUS 444	Composition and Orchestration - CUE	2
MUS 441	Composition Seminar	0
MUS 547	Chromatic Harmony and Analysis	2
MUS 497	Senior Recital - CUE	0
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>13</b>

**Hours** **13**

**Minimum Total Hours** **122**

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music Education (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music in Music Education

**Unit:** Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): See Degree Requirements tab.

## Program Information

The **Bachelor of Music in Music Education** program is designed to serve students seeking to develop the skills, experiences, and information to qualify graduates for public school music teacher “New Teacher” certification in the Commonwealth of Kentucky (P-12).

The **Bachelor of Music in Music Education, Pre-Certification**, program is designed for students intending to complete the degree in anticipation of enrollment in the Master of Arts in Teaching program (MAT), when additional professional education, music education, research methods, and clinical education course work are required. More information on this program can be found on the BM in Music Education, Pre-Certification, catalog page (p. 322).

## Degree Summaries

### Music Education: Brass, Percussion, or Wind Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	58
	<b>Minimum Total Hours</b>	<b>135</b>

### Music Education: Brass, Percussion, or Wind Emphasis w/Track in Jazz Studies

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	57
	Jazz Track Requirements	19
	<b>Minimum Total Hours</b>	<b>153</b>

### Music Education: Keyboard Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	57
	<b>Minimum Total Hours</b>	<b>134</b>

### Music Education: Keyboard Emphasis w/Track in Jazz Studies

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	58
	Jazz Track Requirements	17
	<b>Minimum Total Hours</b>	<b>152</b>

### Music Education: Strings Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	59
	<b>Minimum Total Hours</b>	<b>136</b>

### Music Education: Strings Emphasis w/Track in Jazz Studies

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	58
	Jazz Track Requirements	19
	<b>Minimum Total Hours</b>	<b>154</b>

### Music Education: Vocal Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	46
	Program/Emphasis Requirements	57
	<b>Minimum Total Hours</b>	<b>134</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program. Students considering the tracks in Jazz Studies must audition and be admissible to both Music Education and Jazz Studies.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>		31

The following courses are required by this program and should be used to fulfill the respective General Education Requirement:

PAS 214	African-American Music - AH, D1
ANTH 205	Music in World Cultures - D2, SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 100	Introduction to Music Study	1
<b>Music Theory</b>		<b>16</b>

MUS 141	Theory I <sup>3</sup>
MUS 142	Theory II <sup>3</sup>
MUS 241	Theory III
MUS 242	Theory IV

<b>Music Literature</b>		<b>9</b>
MUS 361	Music Literature I (1000-1750)	
MUS 362	Music Literature II (Classical & Early Romantic Music)	
MUS 363	Music Literature III (1860-present)	
MUS 109	Major Ensembles (Seven 1-hour courses) <sup>4</sup>	7
MUS 97	Recital Attendance (four semesters of "S")	0

### Piano Class/Voice Class **3**

FOR STUDENTS WITH INSTRUMENTAL EMPHASIS

MUS 131	Piano Class
& MUS 132	Piano Class
& MUS 231	Piano Class III
& MUS 297	Piano Proficiency <sup>5</sup>

- OR FOR STUDENTS WITH VOICE EMPHASIS -

MUS 131	Piano Class
& MUS 132	Piano Class
& MUS 231	Piano Class III
& MUS 297	Piano Proficiency <sup>5</sup>

- OR FOR STUDENTS WITH INSTRUMENTAL EMPHASIS WITH TRACK IN JAZZ STUDIES -

MUS 131	Piano Class
& MUS 132	Piano Class
& MUS 130	Jazz Piano Class
& MUS 197	Piano Proficiency
& MUS 198	Jazz Piano Proficiency <sup>5</sup>

- OR FOR STUDENTS WITH KEYBOARD EMPHASIS

MUS 133	Functional Study
& MUS 134	Functional Study
& MUS 233	Functional Study
& MUS 297	Piano Proficiency <sup>5</sup>

- OR FOR STUDENTS WITH KEYBOARD EMPHASIS WITH TRACK IN JAZZ STUDIES (Applied Voice)-

MUS 133	Functional Study
& MUS 134	Functional Study
& MUS 233	Functional Study
& MUS 197	Piano Proficiency
& MUS 198	Jazz Piano Proficiency

**Applied Lessons (four 2-hour courses) **8****

MUS 111	Principal Applied Study
& MUS 112	Principal Applied Study
MUS 211	Principal Applied Study
& MUS 212	Principal Applied Study

MUS 347 Analysis I (Jazz Track students take MUS 349) **2**

**Minimum Total Hours **46****

- Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB .
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Seven semesters of Principal Ensemble. Strings take section 01, others solely dependent on the ensemble audition. Music Education students who are woodwind, brass, or percussion principals are required to fulfill two years of ensemble performance in the Marching Band. Entering students will be expected to fulfill this requirement during the freshman and sophomore years. Transfer students will be required to fulfill a minimum of one year. A second year may be required based upon evaluation of the transcript. Woodwind, brass, or percussion principals are also recommended to complete one semester of a Principal Jazz Ensemble. Jazz Track: take 6 semesters of "Classical" ensemble and 1 semester of a Principal Jazz Ensemble.)
- Students must be enrolled continuously in Piano Class until their requirement has been completed. Those who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with Secondary Piano if faculty load permits. Entering students who have a background in piano may register for MUS 297 Piano Proficiency for one semester with approval of the Keyboard Area. Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the Piano Proficiency Examination requirement is complete.

### Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include

credit for MUS 242 Theory IV; MUS 361 Music Literature I; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

### Admission to Teacher Education

Students must apply to Teacher Education in the second semester of their Sophomore year (February 1st application deadline). Failure to be admitted to teacher education will delay students' ability to take advanced classes in music education and teacher education.

Requirements for application to teacher education are the following:

- Minimum 45 credit hours (completed or in progress at the time of application) with minimum 2.75 cumulative college grade point average;
- Grade of C+ or higher in MUS 116;
- Successful completion of an additional two credit hours of Music Education courses;
- Passing PPST PRAXIS I scores as follows: Math (150), Writing (162), Reading (156);
- C or better in ENGL 102;
- C or better in Oral Communication course (such as COMM 111 or COMM 115);
- Professional Statement (as directed in application);
- Three Letters of Recommendation (as directed in application);
- Successful Interview;
- Agreement to Professional Code of Ethics, Statement of Understanding of Admission Guidelines, and CEHD Acceptable Use of Technology forms (as directed in application).

Students must complete 200 hours of field observations and related activities, as outlined by the Education Professional Standards Board (EPSB) prior to being permitted to student teach. These field experiences must be non-paid experiences. This regulation will begin based on regulations and timelines stipulated by EPSB.

Students must be admitted to Teacher Education before being permitted to take the following upper-division music education courses:

Code	Title	Hours
MUS 228	Elementary School Music Methods	
MUS 328	Frameworks for Teaching Music in a Diverse Society	
MUS 337	Marching Band Methods	
MUS 338	Jazz Methods	
MUS 339	String Pedagogy and Educational String Literature	
MUS 428	Choral Techniques	

MUS 342	Band Pedagogy and Educational Wind Band Literature
MUED 401	Practical Applications in Music Education
MUED 402	Practical Applications in Music Education
MUED 520	Student Teaching Elementary School - CUE
MUED 534	Student Teaching Secondary - CUE
MUED 533	Human Interaction/Professional Growth
MUED 556	Special Methods in Secondary Teaching

Students must pass the Pre-Professional Standards Test (PPST) prior to student teaching and Praxis I and II exams as required by EPSB and obtain a "B" average in EDTP 420 and ECPY 507 (or approved Education course substitution).

## Program/Major Requirements

### Brass Emphasis

Academic Plan Code(s): MUEDBMEBRS

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Brass Emphasis</b>		<b>6</b>
MUS 253	Brass Methods	
MUS 235	Woodwind Methods	
MUS 236	Advanced Woodwind Methods	
MUS 137	Percussion Methods	
MUS 342	Band Pedagogy and Educational Wind Band Literature	
MUS 335	String Methods I	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 337	Marching Band Methods	1
MUS 359 & MUS 360	Conducting I & Conducting II	4
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies course list below)	1
MUS 338	Jazz Methods	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 201	The Teaching Profession - SB	3
or EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	
EDTP 420	Reading and Writing Across the Curriculum	3

MUED 533	Human Interaction/Professional Growth	2
MUED 556	Special Methods in Secondary Teaching	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5

**Supporting Courses**

<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311	Principal Applied Study	
& MUS 312	Principal Applied Study	
& MUS 411	Principal Applied Study	
MUS 346	Band/Choral Scoring	2
MUS 119	Minor Ensembles (four half-hour courses)	2
Functional or Secondary Applied Lesson *		1
Three hours selected from the following:		3
MUS 227	Voice Class (1 credit)	
Functional or Secondary Applied Lessons (1-2 credits) *		
MUS 577	Marching Band Drill Writing (2 credits)	
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education (1 credit)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education (2 credit)	

**Minimum Total Hours 58**

\* Non-principal instrument

**Brass Emphasis with a Track in Jazz Studies**

Academic Plan Code(s): MUEDBMEBRJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>57</b>
MUS 105	Jazz Applied	6
& MUS 106	Jazz Applied	
& MUS 205	Jazz Applied	
MUS 109	Major Ensembles (Jazz Ensemble; two 1-hour courses)	2
MUS 119	Minor Ensembles (Jazz Combo; two additional half-hour courses)	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis)	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory )	2
MUS 435	Jazz Arranging I	2
One of the following sequences: **		4
MUS 138	Jazz Improvisation	
& MUS 340	Jazz Improvisation II	
- or -		
MUS 340	Jazz Improvisation II	
& MUS 440	Jazz Improvisation III	

**Minimum Total Hours 76**

\*\* Combination of courses determined by audition.

**Keyboard Emphasis**

Academic Plan Code(s): MUEDBMEKEY

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Vocal Emphasis</b>		<b>4</b>
MUS 229	Introduction to Woodwinds	
MUS 252	Introduction to Brass	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 428	Choral Techniques	2
MUS 359	Conducting I	4
& MUS 360	Conducting II	
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201	Practical Applications in Music Education	
& MUED 202	Practical Applications in Music Education	
& MUED 301	Practical Applications in Music Education	
& MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation	1
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 201	The Teaching Profession - SB	3
or EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	
EDTP 420	Reading and Writing Across the Curriculum	3
MUED 533	Human Interaction/Professional Growth	2
MUED 556	Special Methods in Secondary Teaching	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5
<b>Supporting Courses</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311	Principal Applied Study	
& MUS 312	Principal Applied Study	
& MUS 411	Principal Applied Study	
MUS 571	Pedagogy (Voice Pedagogy)	2
MUS 234	Functional Study	2
& MUS 333	Functional Study (Voice)	
MUS 123	Diction	2
& MUS 124	Diction	
Two of the following three courses (five options for Jazz Track students):		4
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUS 435	Jazz Arranging I (Jazz Track students only)	
MUS 371	Piano Pedagogy I (Jazz Track students only)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	

**Minimum Total Hours 57**

## Keyboard Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEKEJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>56</b>
MUS 105 & MUS 106 & MUS 205	Jazz Applied Jazz Applied Jazz Applied	6
MUS 109	Major Ensembles (Jazz Ensemble; two 1-hour courses)	2
MUS 119	Minor Ensembles (Jazz Combo; two additional half-hour courses)	1
MUS 351	Studies in Jazz (Jazz Style and Analysis MUS 351-01)	2
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 338	Jazz Methods	2
One of the following sequences:**		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	
- or -		
MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>75</b>

\*\* Combination of courses determined by audition.

## Percussion Emphasis

Academic Plan Code(s): MUEDBMEPER

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Percussion Emphasis</b>		<b>6</b>
MUS 235	Woodwind Methods	
MUS 236	Advanced Woodwind Methods	
MUS 253	Brass Methods	
MUS 254	Advanced Brass Methods	
MUS 335	String Methods I	
MUS 342	Band Pedagogy and Educational Wind Band Literature	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 337	Marching Band Methods	1
MUS 359 & MUS 360	Conducting I Conducting II	4
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1

MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 201	The Teaching Profession - SB	3
or EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	
EDTP 420	Reading and Writing Across the Curriculum	3
MUED 533	Human Interaction/Professional Growth	2
MUED 556	Special Methods in Secondary Teaching	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5

### Supporting Courses

<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311 & MUS 312 & MUS 411	Principal Applied Study Principal Applied Study Principal Applied Study	
MUS 346	Band/Choral Scoring	2
MUS 119	Minor Ensembles (four half-hour courses)	2
Functional or Secondary Applied Lesson *		1
Three hours selected from the following:		3
MUS 227	Voice Class (1 credit)	
Functional or Secondary Applied Lessons (1-2 credits) *		
MUS 577	Marching Band Drill Writing (2 credits)	
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education (1 credit)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education (2 credit)	

**Minimum Total Hours 58**

\* Non-principal instrument

## Percussion Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEPRJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>57</b>
MUS 105 & MUS 106 & MUS 205	Jazz Applied Jazz Applied Jazz Applied	6
MUS 109	Major Ensembles (Principal Jazz Ensemble, two 1-hour courses)	2
MUS 119	Minor Ensembles (Jazz Combo; two additional half-hour courses)	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis)	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
One of the following sequences:**		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	

- or -	
MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III
<b>Minimum Total Hours</b>	<b>76</b>

\*\* Combination of courses determined by audition.

## Wind Emphasis

Academic Plan Code(s): MUEDBMEWND

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Wind Emphasis</b>		<b>6</b>
MUS 235	Woodwind Methods	
MUS 253	Brass Methods	
MUS 254	Advanced Brass Methods	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 342	Band Pedagogy and Educational Wind Band Literature	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 337	Marching Band Methods	1
MUS 359 & MUS 360	Conducting I Conducting II	4
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
ECPY 507 or EDTP 107	Learning Theory and Human Growth and Development Human Development and Learning	3
EDTP 201 or EDTP 502	The Teaching Profession - SB Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
EDTP 420	Reading and Writing Across the Curriculum	3
MUED 533	Human Interaction/Professional Growth	2
MUED 556	Special Methods in Secondary Teaching	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5
<b>Supporting Courses</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>

MUS 311 & MUS 312 & MUS 411	Principal Applied Study Principal Applied Study Principal Applied Study	
MUS 346	Band/Choral Scoring	2
MUS 119	Minor Ensembles (four half-hour courses)	2
Functional or Secondary Applied Lesson *		1
Three hours selected from the following:		3
MUS 227	Voice Class (1 credit)	
Functional or Secondary Applied Lessons (1-2 credits) *		
MUS 577	Marching Band Drill Writing (2 credits)	
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education (1 credit)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education (2 credit)	
<b>Minimum Total Hours</b>		<b>58</b>

\* Non-principal instrument

## Wind Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEWNJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>57</b>
MUS 105 & MUS 106 & MUS 205	Jazz Applied Jazz Applied Jazz Applied	6
MUS 109	Major Ensembles (Jazz Ensemble, two 1-hour courses)	2
MUS 119	Minor Ensembles (two additional half-hour courses)	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis )	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
One of the following sequences: **		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	
- or -		
MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>76</b>

\*\* Combination of courses determined by audition.

## Strings Emphasis

Academic Plan Code(s): MUEDBMESTR

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Strings Emphasis</b>		<b>6</b>
MUS 229	Introduction to Woodwinds	

MUS 252	Introduction to Brass	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 336	String Methods II	
MUS 339	String Pedagogy and Educational String Literature	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 227	Voice Class	1
MUS 359	Conducting I	4
& MUS 360	Conducting II	
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201	Practical Applications in Music Education	
& MUED 202	Practical Applications in Music Education	
& MUED 301	Practical Applications in Music Education	
& MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 201	The Teaching Profession - SB	3
or EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	
EDTP 420	Reading and Writing Across the Curriculum	3
MUED 533	Human Interaction/Professional Growth	2
MUED 556	Special Methods in Secondary Teaching	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5
<b>Supporting Courses</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311	Principal Applied Study	
& MUS 312	Principal Applied Study	
& MUS 411	Principal Applied Study	
MUS 345	Orchestral Scoring	2
MUS 346	Band/Choral Scoring	2
or MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
MUS 119	Minor Ensembles (two half-hour courses)	1
Functional of Secondary Applied Lessons *		3
MUED 102	Practical Applications in Music Education	0.5
MUED 401	Practical Applications in Music Education	0.5
<b>Minimum Total Hours</b>		<b>59</b>

\* Non-principal instrument

### Strings Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMESTJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>58</b>
MUS 105	Jazz Applied	6
& MUS 106	Jazz Applied	
& MUS 205	Jazz Applied	
MUS 109	Major Ensembles (Jazz Ensemble; two 1-hour courses)	2
MUS 119	Minor Ensembles (Jazz Combo; two additional half-hour courses)	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis)	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
<b>One of the following sequences:**</b>		<b>4</b>
MUS 138	Jazz Improvisation	
& MUS 340	Jazz Improvisation II	
<b>- or -</b>		
MUS 340	Jazz Improvisation II	
& MUS 440	Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>77</b>

\*\* Combination of courses determined by audition.

### Vocal Emphasis

Academic Plan Code(s): MUEDBMEVOC

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Vocal Emphasis</b>		<b>4</b>
MUS 229	Introduction to Woodwinds	
MUS 252	Introduction to Brass	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 428	Choral Techniques	2
MUS 359	Conducting I	4
& MUS 360	Conducting II	
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201	Practical Applications in Music Education	
& MUED 202	Practical Applications in Music Education	
& MUED 301	Practical Applications in Music Education	
& MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation	1
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 201	The Teaching Profession - SB	3

or EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	
EDTP 420	Reading and Writing Across the Curriculum	3
MUED 533	Human Interaction/Professional Growth	2
MUED 556	Special Methods in Secondary Teaching	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5
<b>Supporting Courses</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311 & MUS 312 & MUS 411	Principal Applied Study	
MUS 571	Pedagogy (Voice Pedagogy)	2
MUS 331 & MUS 332	Piano Class	2
MUS 123 & MUS 124	Diction	2
Two of the following three courses:		4
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	

**Minimum Total Hours 57**

Code	Title	Hours
<b>Culminating Undergraduate Experience - all tracks listed above</b>		
<i>(Graduation requirement)</i>		
<b>Requirement fulfilled by completing:</b>		
MUED 520	Student Teaching Elementary School - CUE	
MUED 534	Student Teaching Secondary - CUE	

## Flight Plans, BM in Music Education

Flight Plans for Emphases with tracks in Jazz Studies are on the following tabs (Jazz Flight Plans, Even and Jazz Flight Plans, Odd).

### Vocal Emphasis

Academic Plan Code(s): MUEDBMEVOC

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class (or MUS 133 Voice for piano principals)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-02)	0

MUS 132	Piano Class (or MUS 134 Voice for piano principals)	1
MUS 124	Diction	1
MUS 116	Introduction to Music Education	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3

**Hours 16**

<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 137	Percussion Methods	1
MUS 231	Piano Class III (or MUS 233 Voice for piano principals)	1
MUS 297	Piano Proficiency	0
MUS 118	Introduction to Jazz Improvisation	1
MUS 229	Introduction to Woodwinds	1
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>17.5</b>

<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 331	Piano Class (or MUS 234 Voice for piano principals)	1
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>16.5</b>

<b>Summer</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>3</b>

<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 252	Introduction to Brass	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 332	Piano Class (or MUS 333 Voice for piano principals)	1
MUS 347	Analysis I	2
Select one of the following:		2
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
MUED 301	Practical Applications in Music Education	0.5
MUS 228	Elementary School Music Methods	2
MUS 335	String Methods I	1
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
Select one of the following:		2
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	

MUED 302	Practical Applications in Music Education	0.5
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 360	Conducting II (MUS 360-01)	2
MUS 428	Choral Techniques	2
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>17.5</b>
<b>Summer</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>3</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 571	Pedagogy (Voice Pedagogy)	2
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>134</b>

## Keyboard Emphasis

Academic Plan Code(s): MUEDBMEKEY

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 133	Functional Study (Voice)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 134	Functional Study (Voice)	1
MUS 124	Diction	1
MUS 116	Introduction to Music Education	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-02)	0

MUS 233	Functional Study (Voice)	1
MUS 297	Piano Proficiency	0
MUS 118	Introduction to Jazz Improvisation	1
MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 234	Functional Study (Voice)	1
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>16.5</b>
<b>Summer</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>3</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 252	Introduction to Brass	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 333	Functional Study (Voice)	1
Select one of the following:		2
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
MUED 301	Practical Applications in Music Education	0.5
MUS 228	Elementary School Music Methods	2
MUS 335	String Methods I	1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
Select one of the following:		2
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
MUED 302	Practical Applications in Music Education	0.5
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 360	Conducting II (MUS 360-01)	2
MUS 428	Choral Techniques	2
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>17.5</b>
<b>Summer</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>3</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2

MUS 109	Major Ensembles	1
MUS 571	Pedagogy (Voice Pedagogy)	2
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>134</b>

## Brass Emphasis

Academic Plan Code(s): MUEDBMEBRS

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Summer</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>3</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUED 201	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
Functional or Secondary Applied Lesson		1
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 118	Introduction to Jazz Improvisation	1
MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>18</b>

<b>Summer</b>		
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>3</b>

<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 253	Brass Methods	1
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
Supplemental Course		1
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUED 556	Special Methods in Secondary Teaching	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUED 302	Practical Applications in Music Education	0.5
MUS 338	Jazz Methods	2
Supplemental Course		2
<b>Hours</b>		<b>17.5</b>

<b>Summer</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>3</b>

<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 137	Percussion Methods	1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5

MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>135</b>

## Percussion Emphasis

Academic Plan Code(s): MUEDBMEPER

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Summer</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>3</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUED 201	Practical Applications in Music Education	0.5
Functional or Secondary Applied Lesson		1
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 118	Introduction to Jazz Improvisation	1
MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5

PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>18</b>

<b>Summer</b>		
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>3</b>

<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 253	Brass Methods	1
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
Supplemental Course		1
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 254	Advanced Brass Methods	1
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 338	Jazz Methods	2
<b>Hours</b>		<b>16.5</b>

<b>Summer</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>3</b>

<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
Supplemental Course		2
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>18</b>

<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>135</b>

## Strings Emphasis

Academic Plan Code(s): MUEDBMESTR

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1

MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-03)	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUED 102	Practical Applications in Music Education (MUED 102-02)	0.5
MUS 137	Percussion Methods	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication – OC		3
<b>Hours</b>		<b>17</b>
<b>Summer</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>3</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-03)	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 229	Introduction to Woodwinds	1
MUS 335	String Methods I	1
MUS 133	Functional Study	1
MUS 227	Voice Class	1
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-03)	0
MUS 118	Introduction to Jazz Improvisation	1
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
MUS 336	String Methods II	1
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>17.5</b>
<b>Summer</b>		
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>3</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II	2
MUS 345	Orchestral Scoring	2

MUS 228	Elementary School Music Methods	2
MUS 339	String Pedagogy and Educational String Literature	1
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
or MUED 505	or Introduction to Orff Schulwerk: Music & Movement Education	
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
ECYP 507	Learning Theory and Human Growth and Development	3
Functional or Secondary Applied Lesson		1
MUS 338	Jazz Methods	2
MUED 302	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>16.5</b>
<b>Summer</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>3</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles (MUS 109-01)	1
MUS 252	Introduction to Brass	1
EDTP 420	Reading and Writing Across the Curriculum	3
MUED 401	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
Functional or Secondary Applied Lesson		1
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE	5
MUED 534	Student Teaching Secondary - CUE	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>136</b>

## Wind Emphasis

Academic Plan Code(s): MUEDBMEWND

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0

MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>15.5</b>
<b>Summer</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>3</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 118	Introduction to Jazz Improvisation	1
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUED 201	Practical Applications in Music Education Functional or Secondary Applied Lesson	0.5 1
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>16</b>
<b>Summer</b>		
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>3</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 253	Brass Methods	1
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
Supplemental Course		2
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 254	Advanced Brass Methods	1
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUED 302	Practical Applications in Music Education	0.5

MUS 338	Jazz Methods	2
MUED 556	Special Methods in Secondary Teaching	2
Supplemental Course		1
<b>Hours</b>		<b>17.5</b>
<b>Summer</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>3</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 137	Percussion Methods	1
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>135</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Flight Plans, Emphases with Tracks in Jazz Studies, Even-Year Starts

Flight Plans for Emphases without tracks in Jazz Studies are on the preceding tab (Flight Plans).

The four-year plans of study listed below are applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.). Students starting in odd-numbered years should refer to the Jazz Flight Plans, Odd tab.

## Brass Emphasis, Track in Jazz Studies, Even-Year Starts

Academic Plan Code(s): MUEDBMEBRJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>

<b>Year 3</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 235	Woodwind Methods	1
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 440	Jazz Improvisation III (if student does not take MUS 138)	
MUS 435	Jazz Arranging I	2
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 236	Advanced Woodwind Methods	1
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis )	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
Supplemental Course		1
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 137	Percussion Methods	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
MUS 349	Jazz Analysis	2
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Arts & Humanities - AH		3
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>15</b>
<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
Supplemental Course		2
EDTP 201	The Teaching Profession - SB	3
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2

MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>153</b>

## Percussion Emphasis, Track in Jazz Studies, Even-Year Starts

Academic Plan Code(s): MUEDBMEPRJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340	2
	MUS 340 in Fall, Year 2)	
	or Jazz Improvisation II	
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
Functional or Secondary Applied Lesson		1
MUS 235	Woodwind Methods	1
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0

MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
MUS 440	Jazz Improvisation III (If student does not take MUS 138)	
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 435	Jazz Arranging I	2
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 351	Studies in Jazz (Jazz Style & Analysis MUS 351-01)	2
Supplemental Course		1
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 335	String Methods I	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
MUS 254	Advanced Brass Methods	1
EDTP 201	The Teaching Profession - SB	3
MUS 349	Jazz Analysis	2
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>17</b>
<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3

Supplemental Course	1
General Education: Cardinal Core Natural Sciences - S	3
<b>Hours</b>	<b>13</b>
<b>Spring</b>	
MUED 533 Human Interaction/Professional Growth	2
MUED 520 Student Teaching Elementary School - CUE (CUE)	5
MUED 534 Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>153</b>

## Strings Emphasis, Track in Jazz Studies, Even-Year Starts

Academic Plan Code(s): MUEDBMESTJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
MUED 102	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 137	Percussion Methods	1
MUED 201	Practical Applications in Music Education	0.5
MUS 229	Introduction to Woodwinds	1
MUS 119	Minor Ensembles	0.5
MUS 335	String Methods I	1
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2

General Education: Cardinal Core Quantitative Reasoning - QR	3	
<b>Hours</b>	<b>17</b>	
<b>Spring</b>		
Applied Lesson	2	
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
MUS 119	Minor Ensembles	0.5
MUS 336	String Methods II	1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3	
<b>Hours</b>	<b>17</b>	

### Year 3

<b>Fall</b>		
Applied Lesson	2	
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 345	Orchestral Scoring	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
MUED 301	Practical Applications in Music Education	0.5
MUS 339	String Pedagogy and Educational String Literature	1
MUS 440	Jazz Improvisation III (if student doesn't take MUS 138)	
<b>Hours</b>	<b>17.5</b>	

### Spring

Applied Lesson	2	
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring or Introduction to Orff Schulwerk: Music & Movement Education	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style Analysis)	2
Functional or Secondary Applied Lesson	1	
<b>Hours</b>	<b>16.5</b>	

### Year 4

<b>Fall</b>		
Applied Lesson	2	
Applied Lesson	2	
MUS 109	Major Ensembles	1
Functional or Secondary Applied Lesson	1	
MUS 252	Introduction to Brass	1
MUS 227	Voice Class	1
MUED 401	Practical Applications in Music Education	0.5
General Education: Cardinal Core Arts & Humanities - AH	3	
General Education: Cardinal Core Natural Sciences - S	3	
General Education: Cardinal Core Natural Sciences Lab - SL	1	
<b>Hours</b>	<b>15.5</b>	

### Spring

Applied Lesson	2	
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
MUS 349	Jazz Analysis	2
Functional or Secondary Applied Lesson	1	
PAS 214	African-American Music - AH, D1	3

ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>14</b>
<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Science – S		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>154</b>

## Wind Emphasis, Track in Jazz Studies, Even-Year Starts

Academic Plan Code(s): MUEDBMEWNJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138 or MUS 340	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1

MUS 119	Minor Ensembles	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
Functional or Secondary Applied Lesson		1
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>

<b>Year 3</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 435	Jazz Arranging I	2
MUS 440	Jazz Improvisation III (if student not take MUS 138)	
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
Applied Lesson		2
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 119	Minor Ensembles	0.5
MUS 351	Studies in Jazz (Jazz Style & Analysis MUS 351-01)	2
MUED 556	Special Methods in Secondary Teaching	2
<b>Hours</b>		<b>16</b>

<b>Year 4</b>		
<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 137	Percussion Methods	1
MUS 253	Brass Methods	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
Supplemental Course		1

MUS 254	Advanced Brass Methods	1
MUS 349	Jazz Analysis	2
EDTP 201	The Teaching Profession - SB	3
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>15</b>
<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
Supplemental Course		1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>153</b>

## Keyboard Emphasis, Track in Jazz Studies, Even-Year Starts

Academic Plan Code(s): MUEDBMEKEJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 133	Functional Study (Voice)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 134	Functional Study (Voice)	1
MUS 116	Introduction to Music Education	1
MUS 138 or MUS 340	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
MUS 124	Diction	1
MUS 197	Piano Proficiency	0
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1

MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUS 198	Jazz Piano Proficiency	0
MUS 233	Functional Study (Voice)	1
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
MUS 234	Functional Study (Voice)	1
MUS 349	Jazz Analysis	2
<b>Hours</b>		<b>15.5</b>

### Year 3

#### Fall

Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUED 301	Practical Applications in Music Education	0.5
MUS 333	Functional Study (Voice)	1
MUS 440	Jazz Improvisation III (if student did not take MUS 138)	1
MUS 252	Introduction to Brass	1
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
Supplemental Course		2
<b>Hours</b>		<b>16.5</b>

#### Spring

Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 351	Studies in Jazz (Jazz Style & Analysis MUS 351-01)	2
MUED 302	Practical Applications in Music Education	0.5
MUS 428	Choral Techniques	2
MUS 119	Minor Ensembles	0.5
MUS 338	Jazz Methods	2
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>18</b>

### Year 4

#### Fall

Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 335	String Methods I	1
Supplemental Course		2
MUS 571	Pedagogy (Voice Pedagogy)	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>

#### Spring

Applied Lesson		2
MUS 109	Major Ensembles	1

MUS 119	Minor Ensembles	0.5
EDTP 201	The Teaching Profession - SB	3
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>15.5</b>
<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>152</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Flight Plans, Emphases with Tracks in Jazz Studies, Odd-Year Starts

Four-year plans of study for Emphases without tracks in Jazz Studies are on the preceding, Flight Plan tab.

The four-year plans of study listed below are applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.). Students starting in even-numbered years should refer to the Jazz Flight Plans, Even tab.

### Brass Emphasis, Track in Jazz Studies, Odd-Year Starts

Academic Plan Code(s): MUEDBMEBRJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 or Jazz Improvisation II)	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
Functional or Secondary Applied Lesson		1
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Quantitative Reasoning - QR		3
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3

MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
Supplemental Course		1
MUS 340	Jazz Improvisation II	2
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUS 349	Jazz Analysis	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
Supplemental Course		1
<b>Hours</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 137	Percussion Methods	1
Supplemental Course		2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
MUS 440	Jazz Improvisation III (if student does not take MUS 138)	2
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
MUS 236	Advanced Woodwind Methods	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Arts & Humanities - AH		3
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>16</b>

<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>

**Minimum Total Hours 154**

## Percussion Emphasis, Track in Jazz Studies, Odd-Year Starts

Academic Plan Code(s): MUEDBMEPRJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 3) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>

<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
Functional or Secondary Applied Lesson		1
MUS 235	Woodwind Methods	1
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective-SBH		3
<b>Hours</b>		<b>17</b>

**Year 3**

<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II	2
Supplemental Course		1
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 346	Band/Choral Scoring	2
MUS 363	Music Literature III (1860-present)	3
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 349	Jazz Analysis	2
<b>Hours</b>		<b>16</b>

**Year 4**

<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 335	String Methods I	1
Supplemental Course		1
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 440	Jazz Improvisation III (Course needed unless student placed into MUS 138)	
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 254	Advanced Brass Methods	1
MUS 338	Jazz Methods	2
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
EDTP 201	The Teaching Profession - SB	3
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>17</b>

**Year 5**

<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
Supplemental Course		1
MUS 435	Jazz Arranging I	2
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>

**Spring**

MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>153</b>

**Strings Emphasis, Track in Jazz Studies, Odd-Year Starts**

Academic Plan Code(s): MUEDBMESTJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 3) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>

**Year 2**

<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUS 119	Minor Ensembles	0.5
MUS 335	String Methods I	1
MUED 102	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3

MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUED 201	Practical Applications in Music Education	0.5
MUS 119	Minor Ensembles	0.5
MUS 336	String Methods II	1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 345	Orchestral Scoring	2
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II	2
MUED 202	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring or MUED 505 Introduction to Orff Schulwerk: Music & Movement Education	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 339	String Pedagogy and Educational String Literature	1
MUED 301	Practical Applications in Music Education	0.5
MUS 349	Jazz Analysis	2
Functional or Secondary Applied Lesson		1
General Education: Cardinal Core Arts & Humanities-AH		3
<b>Hours</b>		<b>17.5</b>
<b>Year 4</b>		
<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
Functional or Secondary Applied Lesson		1
MUS 252	Introduction to Brass	1
MUS 227	Voice Class	1
MUED 302	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
MUS 440	Jazz Improvisation III (Course needed unless student placed into MUS 138)	
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
MUED 401	Practical Applications in Music Education	0.5
Functional or Secondary Applied Lesson		1
PAS 214	African-American Music - AH, D1	3
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>14.5</b>

**Year 5**

**Fall**

Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Science - S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1

**Hours**

**15**

**Spring**

MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5

**Hours**

**12**

**Minimum Total Hours**

**154**

**Wind Emphasis, Track in Jazz Studies, Odd-Year Starts**

Academic Plan Code(s): MUEDBMEWNJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 3)	2
or MUS 340	MUS 340 in Fall, Year 3	
or Jazz Improvisation II		
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
ANTH 205	Music in World Cultures - D2, SB	3

General Education: Cardinal Core Quantitative Reasoning - QR	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
Applied Lesson	2
MUS 109 Major Ensembles	1
MUS 242 Theory IV	4
MUS 361 Music Literature I (1000-1750)	3
MUS 97 Recital Attendance	0
MUS 359 Conducting I	2
MUS 119 Minor Ensembles	0.5
MUED 202 Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
<b>Hours</b>	<b>16</b>
<b>Year 3</b>	
<b>Fall</b>	
Applied Lesson	2
MUS 109 Major Ensembles	1
MUS 362 Music Literature II (Classical & Early Romantic Music)	3
MUS 360 Conducting II (MUS 360-02)	2
MUS 137 Percussion Methods	1
MUS 228 Elementary School Music Methods	2
MUS 337 Marching Band Methods	1
MUED 301 Practical Applications in Music Education	0.5
MUS 130 Jazz Piano Class	1
MUS 198 Jazz Piano Proficiency	0
MUS 340 Jazz Improvisation II	2
Functional or Secondary Applied Lesson	1
<b>Hours</b>	<b>16.5</b>
<b>Spring</b>	
MUS 109 Major Ensembles	1
Applied Lesson	2
MUS 363 Music Literature III (1860-present)	3
MUS 346 Band/Choral Scoring	2
MUS 328 Frameworks for Teaching Music in a Diverse Society	2
MUED 302 Practical Applications in Music Education	0.5
MUS 342 Band Pedagogy and Educational Wind Band Literature	1
MUS 349 Jazz Analysis	2
MUS 119 Minor Ensembles	0.5
MUED 556 Special Methods in Secondary Teaching	2
<b>Hours</b>	<b>16</b>
<b>Year 4</b>	
<b>Fall</b>	
Applied Lesson	2
Applied Lesson	2
MUS 109 Major Ensembles	1
MUS 119 Minor Ensembles	0.5
MUS 253 Brass Methods	1
MUS 440 Jazz Improvisation III (Course needed unless student placed into MUS 138)	
MUS 351 Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435 Jazz Arranging I	2
Supplemental Course	1
General Education: Cardinal Core Natural Sciences - S	3
General Education: Cardinal Core Natural Sciences Lab - SL	1
<b>Hours</b>	<b>15.5</b>
<b>Spring</b>	
Applied Lesson	2
MUS 109 Major Ensembles	1
MUS 338 Jazz Methods	2
Supplemental Course	1
MUS 254 Advanced Brass Methods	1

MUS 351 Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
PAS 214 African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities-AH	3
<b>Hours</b>	<b>15</b>
<b>Year 5</b>	
<b>Fall</b>	
Applied Lesson	2
MUS 109 Major Ensembles	1
EDTP 420 Reading and Writing Across the Curriculum	3
ECPY 507 Learning Theory and Human Growth and Development	3
EDTP 201 The Teaching Profession - SB	3
Supplemental Course	1
General Education: Cardinal Core Natural Sciences - S	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
MUED 533 Human Interaction/Professional Growth	2
MUED 520 Student Teaching Elementary School - CUE (CUE)	5
MUED 534 Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>153</b>

## Keyboard Emphasis, Track in Jazz Studies, Odd-Year Starts

Academic Plan Code(s): MUEDBMEKEJ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 133	Functional Study (Voice)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 134	Functional Study (Voice)	1
MUS 116	Introduction to Music Education	1
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340	2
MUS 340	MUS 340 in Fall, Year 3) or Jazz Improvisation II	
MUS 124	Diction	1
MUS 197	Piano Proficiency	0
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0

MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUED 201	Practical Applications in Music Education	0.5
MUS 233	Functional Study (Voice)	1
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
MUS 234	Functional Study (Voice)	1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective-SBH		3
<b>Hours</b>		<b>16.5</b>

<b>Year 3</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUED 301	Practical Applications in Music Education	0.5
MUS 333	Functional Study (Voice)	1
MUS 252	Introduction to Brass	1
Supplemental Course		2
MUS 340	Jazz Improvisation II	2
MUS 198	Jazz Piano Proficiency	0
<b>Hours</b>		<b>16.5</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 338	Jazz Methods	2
Supplemental Course		2
MUED 302	Practical Applications in Music Education	0.5
MUS 428	Choral Techniques	2
MUS 119	Minor Ensembles	0.5
MUS 349	Jazz Analysis	2
<b>Hours</b>		<b>17</b>

<b>Year 4</b>		
<b>Fall</b>		
Applied Lesson		2
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 335	String Methods I	1
MUS 440	Jazz Improvisation III (Course required unless student placed into MUS 138)	
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 571	Pedagogy (Voice Pedagogy)	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>

<b>Spring</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5

MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
ANTH 205	Music in World Cultures - D2, SB	3
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>14.5</b>

<b>Year 5</b>		
<b>Fall</b>		
Applied Lesson		2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUED 533	Human Interaction/Professional Growth	2
MUED 520	Student Teaching Elementary School - CUE (CUE)	5
MUED 534	Student Teaching Secondary - CUE (CUE)	5
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>152</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music Education, Pre-Certification (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music in Music Education, Pre-Certification

Unit: Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): See Degree Requirements tab.

## Program Information

The **Bachelor of Music in Music Education, Pre-Certification** program is designed for students intending to complete the degree in anticipation of enrollment in the Master of Arts in Teaching program (MAT), when additional professional education, music education, research methods, and clinical education course work are required.

The **Bachelor of Music in Music Education** program is designed to serve students seeking to develop the skills, experiences, and information to qualify graduates for public school music teacher “New Teacher” certification in the Commonwealth of Kentucky (P-12). More information on this program can be found on the BM in Music Education catalog page (p. 298).

## Degree Summaries

### Music Education (Pre-Certification): Brass, Percussion, or Wind Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	46
	<b>Minimum Total Hours</b>	<b>124</b>

### Music Education (Pre-Certification): Brass, Percussion, or Wind Emphasis w/Track in Jazz Studies

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	45

Track Requirements	19
<b>Minimum Total Hours</b>	<b>142</b>

### Music Education (Pre-Certification): Keyboard Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	48
	<b>Minimum Total Hours</b>	<b>126</b>

### Music Education (Pre-Certification): Keyboard Emphasis w/Track in Jazz Studies

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	47
	Track Requirements	21
	<b>Minimum Total Hours</b>	<b>146</b>

### Music Education (Pre-Certification): Strings Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	47
	<b>Minimum Total Hours</b>	<b>125</b>

### Music Education (Pre-Certification): Strings Emphasis w/Track in Jazz Studies

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	46
	Track Requirements	19
	<b>Minimum Total Hours</b>	<b>143</b>

### Music Education (Pre-Certification): Vocal Emphasis

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Emphasis Requirements	48
	<b>Minimum Total Hours</b>	<b>126</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program. Students considering the Tracks in Jazz Studies must audition and be admissible to both Music Education and Jazz Studies.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		<b>31</b>

The following courses are required by this program and should be used to fulfill the respective General Education Requirement:

PAS 214	African-American Music - AH, D1
ANTH 205	Music in World Cultures - D2, SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
<b>Music Theory</b>		<b>16</b>
MUS 141	Theory I <sup>2</sup>	
MUS 142	Theory II <sup>2</sup>	
MUS 241	Theory III	
MUS 242	Theory IV	
<b>Music Literature</b>		<b>9</b>
MUS 361	Music Literature I (1000-1750)	
MUS 362	Music Literature II (Classical & Early Romantic Music)	
MUS 363	Music Literature III (1860-present)	
MUS 109	Major Ensembles (Eight 1-hour courses) <sup>3</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
<b>Piano Class/Voice Class<sup>4</sup></b>		<b>3</b>
MUS 131 & MUS 132	Piano Class	
MUS 231 & MUS 297	Piano Class III	
	Piano Proficiency (Instrument/Voice)	

- or for Jazz Track students-

MUS 131 & MUS 132	Piano Class	
MUS 130 & MUS 197	Jazz Piano Class	
	Piano Proficiency (Instrument/Voice, Jazz tracks)	

- or keyboard students (Voice lessons) -

MUS 133 & MUS 134	Functional Study	
MUS 233 & MUS 297	Functional Study	
	Piano Proficiency	
- or keyboard students in Jazz Track (Voice lessons) -		
MUS 133 & MUS 134	Functional Study	
MUS 233 & MUS 197	Functional Study	
	Piano Proficiency	
	Jazz Piano Proficiency	
<b>Applied Lessons (four 2-hour courses)</b>		<b>8</b>
MUS 111 & MUS 112	Principal Applied Study	
MUS 211 & MUS 212	Principal Applied Study	
MUS 347	Analysis I (Jazz Track students take MUS 349)	2
MUS 100	Introduction to Music Study	1
<b>Minimum Total Hours</b>		<b>47</b>

- <sup>1</sup> MUH courses may not be taken to fulfill any General Education requirement.
- <sup>2</sup> Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- <sup>3</sup> Strings take section 01, others solely dependent on the ensemble audition. Music Education students who are woodwind, brass, or percussion principals are required to fulfill two years of ensemble performance in the Marching Band. Entering students will be expected to fulfill this requirement during the freshman and sophomore years. Transfer students will be required to fulfill a minimum of one year. A second year may be required based upon evaluation of the transcript. Woodwind, brass, or percussion principals are also recommended to complete one semester of a Principal Jazz Ensemble.
- <sup>4</sup> Piano Principals will replace Piano Class with Functional Voice Study MUS 133, MUS 134, and MUS 233. Students must be enrolled continuously in Piano Class until their requirement has been completed. Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the Piano Proficiency Examination requirement is complete. Students in the Tracks in Jazz Studies who are not required to take MUS 231 will take the Piano Proficiency Examination at the end of MUS 132. Those who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with Secondary Piano if faculty load permits. Entering students who have a background in piano may register for Piano Proficiency MUS 297 for one semester with approval of the Keyboard Area.

### Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit

for MUS 242 Theory IV; MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S, for 4 semesters; Ensemble Participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105 and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

#### Admission to Teacher Education

Students must apply to Teacher Education in the second semester of their Sophomore year (February 1 application deadline). Failure to be admitted to teacher education will delay students' ability to take advanced classes in music education and teacher education.

Requirements for application to teacher education are the following:

- Minimum 45 credit hours (completed or in progress at the time of application) with minimum 2.75 cumulative college grade point average;
- Grade of C+ or higher in MUS 116;
- Successful completion of an additional two credit hours of Music Education courses;
- Passing PPST PRAXIS I scores as follows: Math (150), Writing (162), Reading (156);
- C or better in ENGL 102;
- C or better in Oral Communication course (such as COMM 111 or COMM 115);
- Professional Statement (as directed in application);
- Three Letters of Recommendation (as directed in application);
- Successful Interview;
- Agreement to Professional Code of Ethics, Statement of Understanding of Admission Guidelines, and CEHD Acceptable Use of Technology forms (as directed in application).

Students must complete 200 hours of field observations and related activities, as outlined by the Education Professional Standards Board (EPSB) prior to being permitted to student teach. These field experiences must be non-paid experiences. This regulation will begin based on regulations and timelines stipulated by EPSB.

Students must be admitted to Teacher Education before being permitted to take the following upper-division music education courses:

Code	Title	Hours
MUS 228	Elementary School Music Methods	
MUS 328	Frameworks for Teaching Music in a Diverse Society	
MUS 337	Marching Band Methods	
MUS 338	Jazz Methods	
MUS 339	String Pedagogy and Educational String Literature	
MUS 428	Choral Techniques	

MUS 342	Band Pedagogy and Educational Wind Band Literature
MUED 401	Practical Applications in Music Education
MUED 402	Practical Applications in Music Education
MUED 520	Student Teaching Elementary School - CUE
MUED 534	Student Teaching Secondary - CUE
MUED 533	Human Interaction/Professional Growth
MUED 556	Special Methods in Secondary Teaching

Students must pass the Pre-Professional Standards Test (PPST) prior to student teaching and Praxis I and II exams as required by EPSB and obtain a B average in EDTP 420 and ECPY 507 (or approved Education course substitution).

## Program/Major Requirements

**Note:** All full-time undergraduate music majors are required to participate each semester in the principal ensemble designated for their primary instrument. Specific ensemble assignment is dependent on the result of the ensemble auditions.

- Strings: Symphony Orchestra
- Woodwind, Brass, or Percussion: Symphonic Band, Concert Band, Wind Ensemble, Wind Symphony, Marching Band, Community Band
- Voice: Collegiate Chorale, University Chorus
- Keyboard/Guitar: Any of the above depending upon qualifications and/or interests
- Jazz: Jazz Ensemble, Jazz Lab, Jazz Repertory Ensemble, Vocal Jazz Ensemble

### Brass Emphasis

Academic Plan Code(s): MUEDBMEPBR

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification (p. 324)" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Brass Emphasis</b>		<b>6</b>
MUS 253	Brass Methods	
MUS 235	Woodwind Methods	
MUS 236	Advanced Woodwind Methods	
MUS 137	Percussion Methods	
MUS 342	Band Pedagogy and Educational Wind Band Literature	
MUS 335	String Methods I	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 337	Marching Band Methods	1
MUS 359	Conducting I	4
& MUS 360	Conducting II	
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>

MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies course list below)	1
MUS 338	Jazz Methods	2
MUED 556	Special Methods in Secondary Teaching	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
or EDTP 201	The Teaching Profession - SB	
MUS 495	Senior Research Paper/Project - CUE	0
<b>Supportive Area</b>		
<b>Applied "Classical" Lessons (three 2-hour courses)</b>		<b>6</b>
MUS 311 & MUS 312 & MUS 411	Principal Applied Study	
MUS 346	Band/Choral Scoring	2
MUS 119	Minor Ensembles (four half-hour courses)	2
Functional or Secondary Applied Lesson on non-principal instrument		1
Three hours selected from the following:		3
MUS 227	Voice Class (1 credit)	
Functional or Secondary Applied Lessons (1-2 credits) *		
MUS 577	Marching Band Drill Writing (2 credits)	
Introduction to Orff Schulwerk (1-2 credits)		
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education (1 credit)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education (2 credit)	
<b>Minimum Total Hours</b>		<b>46</b>

\* Non-principal instrument

### Brass Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEPB

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>45</b>
MUS 105 & MUS 106	Jazz Applied	4
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles (two 1-hour Jazz Ensembles)	2
MUS 119	Minor Ensembles (two additional half-hour Jazz Minor Ensembles)	1
MUS 351	Studies in Jazz (Jazz Style and Analysis MUS 351-01)	2
MUS 351	Studies in Jazz (Jazz Theory-MUS 351-02)	2
MUS 435	Jazz Arranging I	2

One of the following sequences: **		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	

- or -

MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III	
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**Minimum Total Hours** **64**

\*\* Determined by audition

### Wind Emphasis

Academic Plan Code(s): MUEDBMEPW

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification (p. 324)" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Wind Emphasis</b>		<b>6</b>
MUS 235	Woodwind Methods	
MUS 253	Brass Methods	
MUS 254	Advanced Brass Methods	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 342	Band Pedagogy and Educational Wind Band Literature	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 337	Marching Band Methods	1
MUS 359 & MUS 360	Conducting I Conducting II	4
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
MUED 556	Special Methods in Secondary Teaching	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
or EDTP 201	The Teaching Profession - SB	
MUS 495	Senior Research Paper/Project - CUE	0

<b>Supportive Area</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>

MUS 311	Principal Applied Study	
& MUS 312	Principal Applied Study	
& MUS 411	Principal Applied Study	
MUS 346	Band/Choral Scoring	2
MUS 119	Minor Ensembles (four half-hour courses)	2
Functional or Secondary Applied Lesson on non-principal instrument		1
Three hours selected from the following:		3
MUS 227	Voice Class (1 credit)	
Functional or Secondary Applied Lessons (1-2 credits)		
MUS 577	Marching Band Drill Writing (2 credits)	
Introduction to Orff Schulwerk (1-2 credits)		
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education (1 credit)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education (2 credit)	
<b>Minimum Total Hours</b>		<b>46</b>

### Wind Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEPWJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>45</b>
MUS 105	Jazz Applied	4
& MUS 106	Jazz Applied	
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles (two 1-hour Jazz Ensembles)	2
MUS 119	Minor Ensembles (two additional half-hour Jazz Minor Ensembles)	1
MUS 351	Studies in Jazz (Jazz Style and Analysis MUS 351-01)	2
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 435	Jazz Arranging I	2
One of the following sequences: **		4
MUS 138	Jazz Improvisation	
& MUS 340	Jazz Improvisation II	
- or -		
MUS 340	Jazz Improvisation II	
& MUS 440	Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>64</b>

\*\* Determined by audition

### Percussion Emphasis

Academic Plan Code(s): MUEDBMEPP

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification (p. 324)" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Percussion Emphasis</b>		<b>6</b>
MUS 235	Woodwind Methods	
MUS 236	Advanced Woodwind Methods	

MUS 253	Brass Methods	
MUS 254	Advanced Brass Methods	
MUS 335	String Methods I	
MUS 342	Band Pedagogy and Educational Wind Band Literature	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 337	Marching Band Methods	1
MUS 359	Conducting I	4
& MUS 360	Conducting II	
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201	Practical Applications in Music Education	
& MUED 202	Practical Applications in Music Education	
& MUED 301	Practical Applications in Music Education	
& MUED 302	Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
MUED 556	Special Methods in Secondary Teaching	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
or EDTP 201	The Teaching Profession - SB	
MUS 495	Senior Research Paper/Project - CUE	0
<b>Supportive Area</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311	Principal Applied Study	
& MUS 312	Principal Applied Study	
& MUS 411	Principal Applied Study	
MUS 346	Band/Choral Scoring	2
MUS 119	Minor Ensembles (four half-hour courses)	2
Functional or Secondary Applied Lesson on non-principal instrument		1
Three hours selected from the following:		3
MUS 227	Voice Class (1 credit)	
Functional or Secondary Applied Lessons (1-2 credits)		
MUS 577	Marching Band Drill Writing (2 credits)	
Introduction to Orff Schulwerk (1-2 credits)		
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education (1 credit)	
MUED 505	Introduction to Orff Schulwerk: Music & Movement Education (2 credit)	
<b>Minimum Total Hours</b>		<b>46</b>

### Percussion Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEPPJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>45</b>
MUS 105 & MUS 106	Jazz Applied	4
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles (two 1-hour Jazz Ensembles)	2
MUS 119	Minor Ensembles (two additional half-hour Jazz Minor Ensembles)	1
MUS 351	Studies in Jazz (Jazz Style and Analysis MUS 351-01)	2
MUS 351	Studies in Jazz (Jazz Theory)	2
MUS 435	Jazz Arranging I	2
One of the following sequences: **		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	
- or -		
MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>64</b>

\*\* Determined by audition

## Keyboard Emphasis

Academic Plan Code(s): MUEDBMEPK

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification (p. 324)" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Keyboard Emphasis</b>		<b>4</b>
MUS 229	Introduction to Woodwinds	
MUS 252	Introduction to Brass	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 428	Choral Techniques	2
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
MUS 359 & MUS 360	Conducting I Conducting II	4
MUED 556	Special Methods in Secondary Teaching	2
ECPY 507	Learning Theory and Human Growth and Development	3

or EDTP 107	Human Development and Learning	
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
or EDTP 201	The Teaching Profession - SB	
MUS 495	Senior Research Paper/Project - CUE	0
<b>Supportive Area</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311 & MUS 312 & MUS 411	Principal Applied Study Principal Applied Study Principal Applied Study	
<b>Applied Voice (three 1-hour courses)</b>		<b>3</b>
MUS 234 & MUS 333 & MUS 334	Functional Study Functional Study Functional Study	
MUS 123 & MUS 124	Diction Diction	2
MUS 571	Pedagogy (Voice Pedagogy MUS 571-05)	2
Two of the following (MUS 435 for Jazz Track students only):		4
MUS 345	Orchestral Scoring	
or MUS 346	Band/Choral Scoring	
or MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
or MUS 435	Jazz Arranging I	
<b>Minimum Total Hours</b>		<b>48</b>

## Keyboard Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEPKJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>47</b>
MUS 105 & MUS 106 & MUS 205	Jazz Applied Jazz Applied Jazz Applied	6
MUS 109	Major Ensembles (two 1-hour Jazz Ensembles)	2
MUS 119	Minor Ensembles (four additional half-hour courses: two Piano Ensemble, two Jazz Combo )	2
MUS 351	Studies in Jazz (Jazz Style and Analysis MUS 351-01)	2
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 371	Piano Pedagogy I	3
One of the following sequences: **		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	
- or -		
MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>68</b>

\*\* Determined by audition

## Strings Emphasis

Academic Plan Code(s): MUEDBMEPS

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification (p. 324)" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Strings Emphasis</b>		<b>6</b>
MUS 229	Introduction to Woodwinds	
MUS 252	Introduction to Brass	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 336	String Methods II	
MUS 339	String Pedagogy and Educational String Literature	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 227	Voice Class	1
MUS 359 & MUS 360	Conducting I Conducting II	4
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation (not required for Jazz Track students, see Jazz Studies courselist below)	1
MUS 338	Jazz Methods	2
MUED 556	Special Methods in Secondary Teaching	2
ECPY 507	Learning Theory and Human Growth and Development	3
or EDTP 107	Human Development and Learning	
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
or EDTP 201	The Teaching Profession - SB	
MUS 495	Senior Research Paper/Project - CUE	0
<b>Supportive Area</b>		
<b>Applied Lesson (three 2-hour courses)</b>		<b>6</b>
MUS 311 & MUS 312 & MUS 411	Principal Applied Study Principal Applied Study Principal Applied Study	
MUS 345	Orchestral Scoring	2
MUS 346	Band/Choral Scoring	2
or MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
MUS 119	Minor Ensembles (two half-hour courses)	1
Functional or Secondary Applied Lessons on non-principal instrument		3
MUED 102	Practical Applications in Music Education	0.5
MUED 401	Practical Applications in Music Education	0.5
<b>Minimum Total Hours</b>		<b>47</b>

## Strings Emphasis with a Track in Jazz Studies

Academic Plan Code(s): MUEDBMEPSJ

Code	Title	Hours
<b>Coursework listed above, minus MUS 118</b>		<b>46</b>
MUS 105 & MUS 106	Jazz Applied Jazz Applied	4
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles (two 1-hour Jazz Ensembles)	2
MUS 119	Minor Ensembles (two additional half-hour courses)	1
MUS 351	Studies in Jazz (Jazz Style and Analysis)	2
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 435	Jazz Arranging I	2
One of the following sequences: **		4
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II	
- or -		
MUS 340 & MUS 440	Jazz Improvisation II Jazz Improvisation III	
<b>Minimum Total Hours</b>		<b>65</b>

\*\* Determined by audition

## Voice Emphasis

Academic Plan Code(s): MUEDBMEPV

Some required courses require admission to Teacher Certification prior to enrollment. Please refer to "Admission to Teacher Certification (p. 324)" (above) for requirements and a list of courses.

Code	Title	Hours
<b>Plan Courses: Major Area</b>		
<b>Instrumental Methods, Vocal Emphasis</b>		<b>4</b>
MUS 229	Introduction to Woodwinds	
MUS 252	Introduction to Brass	
MUS 137	Percussion Methods	
MUS 335	String Methods I	
MUS 228	Elementary School Music Methods	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 428	Choral Techniques	2
MUS 359 & MUS 360	Conducting I Conducting II	4
<b>Practical Applications in Music Education (four half-hour courses)</b>		<b>2</b>
MUED 201 & MUED 202 & MUED 301 & MUED 302	Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education Practical Applications in Music Education	
MUS 116	Introduction to Music Education	1
MUS 118	Introduction to Jazz Improvisation	1
MUS 338	Jazz Methods	2
MUED 556	Special Methods in Secondary Teaching	2
ECPY 507	Learning Theory and Human Growth and Development	3

or EDTP 107	Human Development and Learning	
EDTP 420	Reading and Writing Across the Curriculum	3
EDTP 502	Exploring Teaching in the Sociopolitical Contexts of P-12 Schools	3
or EDTP 201	The Teaching Profession - SB	
MUS 495	Senior Research Paper/Project - CUE	0
<b>Supportive Area</b>		
<b>Applied Lesson (three 2-hour courses) 6</b>		
MUS 311	Principal Applied Study	
& MUS 312	Principal Applied Study	
& MUS 411	Principal Applied Study	
MUS 571	Pedagogy (Voice Pedagogy MUS 571-05)	2
MUS 331	Piano Class	2
& MUS 332	Piano Class	
MUS 123	Diction	2
& MUS 124	Diction	
MUS 346	Band/Choral Scoring	2
MUS 345	Orchestral Scoring	2
or MUED 505	Introduction to Orff Schulwerk: Music & Movement Education	
Elective		1
<b>Minimum Total Hours</b>		<b>48</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience - all tracks listed above</b>		
<b>Requirement fulfilled by completing:</b>		
MUS 495	Senior Research Paper/Project - CUE	

## Flight Plans

### Brass Emphasis

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>

<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUED 201	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 118	Introduction to Jazz Improvisation	1
MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		
<b>Hours</b>		<b>15</b>

<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 253	Brass Methods	1
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
Supplemental Course		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 137	Percussion Methods	1
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 338	Jazz Methods	2
Functional or Secondary Applied Lesson		1
MUED 302	Practical Applications in Music Education	0.5
Supplemental Course		1
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
<b>Hours</b>		<b>16.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Arts & Humanities - AH		
General Education: Cardinal Core Natural Sciences - S		
<b>Hours</b>		<b>3</b>

General Education: Cardinal Core Natural Sciences Lab - SL	1
<b>Hours</b>	<b>14</b>
<b>Spring</b>	
MUS 109 Major Ensembles	1
MUED 556 Special Methods in Secondary Teaching	2
MUS 495 Senior Research Paper/Project - CUE (CUE)	0
EDTP 420 Reading and Writing Across the Curriculum	3
ECPY 507 Learning Theory and Human Growth and Development	3
PAS 214 African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>121</b>

## Percussion Emphasis

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 118	Introduction to Jazz Improvisation	1

MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 253	Brass Methods	1
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
Supplemental Course		1
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 254	Advanced Brass Methods	1
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 338	Jazz Methods	2
Functional or Secondary Applied Lesson		1
MUED 302	Practical Applications in Music Education	0.5
Supplemental Course		1
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
<b>Hours</b>		<b>16.5</b>

<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
Supplemental Course		1
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
MUED 556	Special Methods in Secondary Teaching	2
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>124</b>

## Wind Emphasis

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1

MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>

<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>14</b>

<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 118	Introduction to Jazz Improvisation	1
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>17</b>

<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 253	Brass Methods	1
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
Supplemental Course		1
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3

MUS 346	Band/Choral Scoring	2
MUS 254	Advanced Brass Methods	1
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 338	Jazz Methods	2
MUED 302	Practical Applications in Music Education	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
Functional or Secondary Applied Lesson		1
<b>Hours</b>		<b>15.5</b>

<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 137	Percussion Methods	1
Supplemental Course		2
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUED 556	Special Methods in Secondary Teaching	2
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>124</b>

## Strings Emphasis

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 137	Percussion Methods	1
MUED 102	Practical Applications in Music Education	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>17</b>

**Year 2**

Fall		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 227	Voice Class	1
MUS 229	Introduction to Woodwinds	1
MUS 335	String Methods I	1
MUED 201	Practical Applications in Music Education	0.5
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>15.5</b>

**Spring**

MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 361	Music Literature I (1000-1750)	3
MUS 242	Theory IV	4
MUS 97	Recital Attendance	0
MUS 118	Introduction to Jazz Improvisation	1
MUS 359	Conducting I	2
Functional or Secondary Applied Lesson		1
MUS 336	String Methods II	1
MUED 202	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>

**Year 3**

Fall		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 339	String Pedagogy and Educational String Literature	1
MUS 347	Analysis I	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 345	Orchestral Scoring	2
MUS 228	Elementary School Music Methods	2
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>

**Spring**

MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
or MUED 505	or Introduction to Orff Schulwerk: Music & Movement Education	
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 338	Jazz Methods	2
MUED 302	Practical Applications in Music Education	0.5
Functional or Secondary Applied Lesson		1
Functional or Secondary Applied Lesson		1
ECPY 507	Learning Theory and Human Growth and Development	3
<b>Hours</b>		<b>17.5</b>

**Year 4**

Fall		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUED 556	Special Methods in Secondary Teaching	2
MUS 252	Introduction to Brass	1
MUED 401	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
ANTH 205	Music in World Cultures - D2, SB	3

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH 3

**Hours 15.5**

**Spring**

MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>13</b>
<b>Minimum Total Hours</b>		<b>125</b>

**Keyboard Emphasis**

Course	Title	Hours
Year 1		
Fall		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 133	Functional Study (Voice)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17</b>

**Spring**

MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 134	Functional Study (Voice)	1
MUS 124	Diction	1
MUS 116	Introduction to Music Education	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>

**Year 2**

Fall		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 233	Functional Study (Voice)	1
MUS 118	Introduction to Jazz Improvisation	1
MUS 229	Introduction to Woodwinds	1
MUS 335	String Methods I	1
MUED 201	Practical Applications in Music Education	0.5
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>14.5</b>

**Spring**

MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 234	Functional Study (Voice)	1
MUS 297	Piano Proficiency	0
MUS 97	Recital Attendance	0

MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>13.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 333	Functional Study (Voice)	1
MUS 347	Analysis I	2
MUS 345	Orchestral Scoring	2
or MUED 505	or Introduction to Orff Schulwerk: Music & Movement Education	
MUS 252	Introduction to Brass	1
MUS 137	Percussion Methods	1
MUS 228	Elementary School Music Methods	2
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 334	Functional Study (Voice)	1
MUS 346	Band/Choral Scoring	2
MUED 302	Practical Applications in Music Education	0.5
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUS 338	Jazz Methods	2
MUS 360	Conducting II	2
MUS 428	Choral Techniques	2
<b>Hours</b>		<b>17.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 571	Pedagogy (Voice Pedagogy)	2
MUED 556	Special Methods in Secondary Teaching	2
EDTP 201	The Teaching Profession - SB	3
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
ECPY 507	Learning Theory and Human Growth and Development	3
EDTP 420	Reading and Writing Across the Curriculum	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>126</b>

## Vocal Emphasis

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0

MUS 131	Piano Class	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 124	Diction	1
MUS 116	Introduction to Music Education	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 118	Introduction to Jazz Improvisation	1
MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUS 335	String Methods I	1
MUED 201	Practical Applications in Music Education	0.5
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>15.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 331	Piano Class	1
MUS 347	Analysis I	2
MUS 345	Orchestral Scoring	2
or MUED 505	or Introduction to Orff Schulwerk: Music & Movement Education	
MUS 252	Introduction to Brass	1
MUS 228	Elementary School Music Methods	2
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 332	Piano Class	1
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2

MUS 338	Jazz Methods	2
MUS 360	Conducting II	2
MUS 428	Choral Techniques	2
MUED 302	Practical Applications in Music Education	0.5

**Hours** 17.5

**Year 4**

**Fall**

MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 571	Pedagogy (Voice Pedagogy)	2
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Elective		1

**Hours** 15

**Spring**

MUS 109	Major Ensembles	1
ECPY 507	Learning Theory and Human Growth and Development	3
EDTP 420	Reading and Writing Across the Curriculum	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3

**Hours** 16

**Minimum Total Hours** 126

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Flight Plans, Emphases with Tracks in Jazz Studies, Even-Year Starts**

Flight Plans for pre-certification Music Education emphases without tracks in Jazz Studies are on the preceding Flight Plans tab.

The four-year plans of study listed below are applicable for students who begin their academic programs in the fall semester of even-numbered

years (e.g., 2018, 2020, 2022, etc.). Students starting in odd-numbered years should refer to the Jazz Flight Plans, Odd tab.

**Brass Emphasis with Track in Jazz Studies**

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3

**Hours** 15.5

**Spring**

MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
Functional or Secondary Applied Lesson		1
MUS 138 or MUS 340	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3

**Hours** 15.5

**Year 2**

**Fall**

MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Quantitative Reasoning - QR		3

**Hours** 16

**Spring**

MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Natural Sciences - S		3

**Hours** 16

**Year 3**

**Fall**

MUS 311	Principal Applied Study	2
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MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 440	Jazz Improvisation III (Course needed unless student placed in MUS 138)	
MUS 435	Jazz Arranging I	2
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 351	Studies in Jazz (Jazz Style & Analysis MUS 351-01)	2
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 137	Percussion Methods	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
MUS 236	Advanced Woodwind Methods	1
MUS 338	Jazz Methods	2
MUS 349	Jazz Analysis	2
Supplemental Course		1
General Education: Cardinal Core Arts & Humanities - AH		3
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>16</b>
<b>Year 5</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECYP 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
Supplemental Course		1
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>142</b>

## Keyboard Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 133	Functional Study (Voice)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 134	Functional Study (Voice)	1
MUS 116	Introduction to Music Education	1
MUS 138	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
MUS 124	Diction	1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 137	Percussion Methods	1
MUED 201	Practical Applications in Music Education	0.5
MUS 229	Introduction to Woodwinds	1
MUS 233	Functional Study (Voice)	1
MUS 197	Piano Proficiency	0
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 349	Jazz Analysis	2
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
MUS 234	Functional Study (Voice)	1
<b>Hours</b>		<b>15.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II	2
MUS 228	Elementary School Music Methods	2
MUS 371	Piano Pedagogy I	3

MUS 440	Jazz Improvisation III (Course needed if student did not take MUS 138)	
MUED 301	Practical Applications in Music Education	0.5
MUS 333	Functional Study (Voice)	1
MUS 119	Minor Ensembles	0.5
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUS 428	Choral Techniques	2
MUS 119	Minor Ensembles	0.5
MUS 334	Functional Study (Voice)	1
MUS 351	Studies in Jazz (Jazz Style & Analysis MUS 351-01)	2
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 335	String Methods I	1
Supplemental Course		2
MUS 571	Pedagogy (Voice Pedagogy)	2
MUS 119	Minor Ensembles	0.5
MUS 252	Introduction to Brass	1
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
Supplemental Course		2
MUS 338	Jazz Methods	2
MUS 119	Minor Ensembles	0.5
EDTP 201	The Teaching Profession - SB	3
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16.5</b>
<b>Year 5</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE	0
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>146</b>

## Percussion Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 2)	2
	or Jazz Improvisation II	
	Functional or Secondary Applied Lesson	1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 119	Minor Ensembles	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUS 236	Advanced Woodwind Methods	1
MUED 202	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>14</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2

MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 435	Jazz Arranging I	2
MUS 440	Jazz Improvisation III (Course needed unless student placed into MUS 138.)	
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis)	2
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
Supplemental Course		1
MUS 335	String Methods I	1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
MUS 338	Jazz Methods	2
MUS 254	Advanced Brass Methods	1
MUS 349	Jazz Analysis	2
Supplemental Course		1
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Year 5</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
Supplemental Course		1
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>142</b>

## Strings Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUED 102	Practical Applications in Music Education	0.5
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUS 119	Minor Ensembles	0.5
MUS 335	String Methods I	1
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
MUS 336	String Methods II	1
EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3

MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 339	String Pedagogy and Educational String Literature	1
MUED 301	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (Jazz Theory MUS 351-02)	2
MUS 435	Jazz Arranging I	2
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (Jazz Style & Analysis-MUS 351-01)	2
Functional or Secondary Applied Lesson		1
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>14.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
MUS 227	Voice Class	1
MUS 252	Introduction to Brass	1
MUS 345	Orchestral Scoring	2
Functional or Secondary Applied Lesson		1
MUED 401	Practical Applications in Music Education	0.5
MUS 440	Jazz Improvisation III (Course needed unless student placed into MUS 138)	
MUED 556	Special Methods in Secondary Teaching	2
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 346	Band/Choral Scoring	2
or MUED 505	or Introduction to Orff Schulwerk: Music & Movement Education	
Functional or Secondary Applied Lesson		1
MUS 338	Jazz Methods	2
MUS 349	Jazz Analysis	2
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Year 5</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>143</b>

## Wind Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 2) or Jazz Improvisation II	2
Functional or Secondary Applied Lesson		1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2

MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
MUS 351	Studies in Jazz (Jazz Theory- MUS 351-02)	2
MUS 435	Jazz Arranging I	2
MUS 440	Jazz Improvisation III (MUS 440 not needed if student placed into MUS 138)	
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 351	Studies in Jazz (Jazz Style & Analysis MUS 351-01)	2
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 137	Percussion Methods	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
MUS 254	Advanced Brass Methods	1
Supplemental Course		1
MUS 349	Jazz Analysis	2
MUS 338	Jazz Methods	2
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Year 5</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
Supplemental Course		1
EDTP 420	Reading and Writing Across the Curriculum	3
ECYP 507	Learning Theory and Human Growth and Development	3
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>142</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Flight Plans, Emphases with Tracks in Jazz Studies, Odd-Year Starts

Flight Plans for pre-certification Music Education emphases without tracks in Jazz Studies are on the preceding, Flight Plans tab.

The four-year plans of study listed below are applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.). Students starting in even-numbered years should refer to the Jazz Flight Plans, Even tab.

### Brass Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
Functional or Secondary Applied Lesson		1
MUS 138 or MUS 340	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 3) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15.5</b>

Year 2		
Fall		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>

Spring		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>

Year 3		
Fall		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II (If student took MUS 138)	2
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUED 301	Practical Applications in Music Education	0.5
<b>Hours</b>		<b>14.5</b>

Spring		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 119	Minor Ensembles	0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 349	Jazz Analysis	2
<b>Hours</b>		<b>16</b>

Year 4		
Fall		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 137	Percussion Methods	1
MUS 440	Jazz Improvisation III (Course needed unless student placed in MUS 138)	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
Supplemental Course		1

EDTP 201	The Teaching Profession - SB	3
<b>Hours</b>		<b>15.5</b>
Spring		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
MUS 236	Advanced Woodwind Methods	1
MUS 338	Jazz Methods	2
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
Supplemental Course		1
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences -S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
<b>Hours</b>		<b>17</b>

Year 5		
Fall		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
Supplemental Course		1
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>142</b>

## Keyboard Emphasis with Track in Jazz Studies

Course	Title	Hours
Year 1		
Fall		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 133	Functional Study (Voice)	1
MUS 123	Diction	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
Spring		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 134	Functional Study (Voice)	1
MUS 116	Introduction to Music Education	1
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 3) or Jazz Improvisation II	2
MUS 124	Diction	1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>
Year 2		
Fall		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0

MUS 137	Percussion Methods	1
MUED 201	Practical Applications in Music Education	0.5
MUS 229	Introduction to Woodwinds	1
MUS 233	Functional Study (Voice)	1
MUS 197	Piano Proficiency	0
MUS 198	Jazz Piano Proficiency	0
EDTP 201	The Teaching Profession - SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>

**Spring**

MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUED 202	Practical Applications in Music Education	0.5
MUS 234	Functional Study (Voice)	1
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>16.5</b>

**Year 3**

**Fall**

MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II	2
MUS 228	Elementary School Music Methods	2
MUS 371	Piano Pedagogy I	3
MUED 301	Practical Applications in Music Education	0.5
MUS 333	Functional Study (Voice)	1
MUS 119	Minor Ensembles	0.5
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
<b>Hours</b>		<b>17</b>

**Spring**

MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUS 428	Choral Techniques	2
MUS 119	Minor Ensembles	0.5
MUS 334	Functional Study (Voice)	1
MUS 349	Jazz Analysis	2
General Education: Cardinal Core Arts & Humanities-AH		3
<b>Hours</b>		<b>17</b>

**Year 4**

**Fall**

MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 335	String Methods I	1
Supplemental Course		2
MUS 571	Pedagogy (Voice Pedagogy)	2
MUS 119	Minor Ensembles	0.5
MUS 252	Introduction to Brass	1
MUED 556	Special Methods in Secondary Teaching	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 440	Jazz Improvisation III (Course needed if student did not take MUS 138)	
<b>Hours</b>		<b>15.5</b>

**Spring**

MUS 106	Jazz Applied	2
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MUS 109	Major Ensembles	1
Supplemental Course		2
MUS 338	Jazz Methods	2
MUS 119	Minor Ensembles	0.5
PAS 214	African-American Music - AH, D1	3
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
General Education: Cardinal Core Natural Sciences -S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
<b>Hours</b>		<b>16.5</b>

**Year 5**

**Fall**

MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
MUS 495	Senior Research Paper/Project - CUE	0
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>

**Minimum Total Hours 146**

## Percussion Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340	2
MUS 340	MUS 340 in Fall, Year 3) or Jazz Improvisation II	
Functional or Secondary Applied Lesson		1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15.5</b>

**Year 2**

**Fall**

MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 119	Minor Ensembles	0.5

General Education: Cardinal Core Quantitative Reasoning - QR	3
General Education: Cardinal Core Natural Sciences - S	3

<b>Hours</b>	<b>15</b>
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<b>Spring</b>	
MUS 212	Principal Applied Study 2
MUS 109	Major Ensembles 1
MUS 242	Theory IV 4
MUS 361	Music Literature I (1000-1750) 3
MUS 97	Recital Attendance 0
MUS 359	Conducting I 2
MUS 119	Minor Ensembles 0.5
MUS 236	Advanced Woodwind Methods 1
MUED 202	Practical Applications in Music Education 0.5
General Education: Cardinal Core Natural Sciences -S	3
General Education: Cardinal Core Natural Sciences Lab-SL	1

<b>Hours</b>	<b>18</b>
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<b>Year 3</b>	
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<b>Fall</b>	
MUS 311	Principal Applied Study 2
MUS 109	Major Ensembles 1
MUS 362	Music Literature II (Classical & Early Romantic Music) 3
MUS 360	Conducting II (MUS 360-02) 2
MUS 228	Elementary School Music Methods 2
MUS 337	Marching Band Methods 1
MUED 301	Practical Applications in Music Education 0.5
MUS 130	Jazz Piano Class 1
MUS 198	Jazz Piano Proficiency 0
MUS 340	Jazz Improvisation II (if student took MUS 138) 2

<b>Hours</b>	<b>14.5</b>
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<b>Spring</b>	
MUS 312	Principal Applied Study 2
MUS 109	Major Ensembles 1
MUS 363	Music Literature III (1860-present) 3
MUS 346	Band/Choral Scoring 2
MUS 328	Frameworks for Teaching Music in a Diverse Society 2
MUED 302	Practical Applications in Music Education 0.5
MUED 556	Special Methods in Secondary Teaching 2
MUS 119	Minor Ensembles 0.5
MUS 342	Band Pedagogy and Educational Wind Band Literature 1
MUS 349	Jazz Analysis 2

<b>Hours</b>	<b>16</b>
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<b>Year 4</b>	
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<b>Fall</b>	
MUS 411	Principal Applied Study 2
MUS 105	Jazz Applied 2
MUS 109	Major Ensembles 1
MUS 119	Minor Ensembles 0.5
MUS 253	Brass Methods 1
Supplemental Course	1
MUS 335	String Methods I 1
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory) 2
MUS 435	Jazz Arranging I 2
MUS 440	Jazz Improvisation III (Course needed unless student placed into MUS 138)
ANTH 205	Music in World Cultures - D2, SB 3

<b>Hours</b>	<b>15.5</b>
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<b>Spring</b>	
MUS 106	Jazz Applied 2
MUS 109	Major Ensembles 1
MUS 109	Major Ensembles 1
MUS 254	Advanced Brass Methods 1
MUS 338	Jazz Methods 2

Supplemental Course	1
MUS 351	Studies in Jazz (MUS 351 01 Jazz Style & Analysis) 2

EDTP 201	The Teaching Profession - SB 3
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General Education: Cardinal Core Arts & Humanities - AH	3
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<b>Hours</b>	<b>16</b>
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<b>Year 5</b>	
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<b>Fall</b>	
MUS 205	Jazz Applied 2
MUS 109	Major Ensembles 1
EDTP 420	Reading and Writing Across the Curriculum 3
ECPY 507	Learning Theory and Human Growth and Development 3
MUS 495	Senior Research Paper/Project - CUE (CUE) 0

Supplemental Course	1
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PAS 214	African-American Music - AH, D1 3
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General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
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<b>Hours</b>	<b>16</b>
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<b>Minimum Total Hours</b>	<b>142</b>
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## Strings Emphasis with Track in Jazz Studies

Course	Title	Hours
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<b>Year 1</b>		
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<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
MUS 252	Introduction to Brass	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3

<b>Hours</b>	<b>16.5</b>
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<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138	Jazz Improvisation (students taking MUS 138 take or MUS 340 MUS 340 in Fall, Year 3) or Jazz Improvisation II	2
ENGL 102	Intermediate College Writing - WC	3

<b>Hours</b>	<b>14.5</b>
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<b>Year 2</b>		
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<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 102	Practical Applications in Music Education	0.5
MUS 137	Percussion Methods	1
MUS 229	Introduction to Woodwinds	1
MUS 119	Minor Ensembles	0.5
MUS 335	String Methods I	1
ANTH 205	Music in World Cultures - D2, SB	3

General Education: Cardinal Core Quantitative Reasoning - QR	3
<b>Hours</b>	<b>17</b>
<b>Spring</b>	
MUS 212 Principal Applied Study	2
MUS 109 Major Ensembles	1
MUS 242 Theory IV	4
MUS 361 Music Literature I (1000-1750)	3
MUS 97 Recital Attendance	0
MUED 201 Practical Applications in Music Education	0.5
MUS 359 Conducting I	2
MUS 119 Minor Ensembles	0.5
MUS 336 String Methods II	1
EDTP 201 The Teaching Profession - SB	3
<b>Hours</b>	<b>17</b>
<b>Year 3</b>	
<b>Fall</b>	
MUS 311 Principal Applied Study	2
MUS 109 Major Ensembles	1
MUS 362 Music Literature II (Classical & Early Romantic Music)	3
MUS 360 Conducting II (MUS 360-02)	2
MUS 228 Elementary School Music Methods	2
MUED 202 Practical Applications in Music Education	0.5
MUS 345 Orchestral Scoring	2
MUS 130 Jazz Piano Class	1
MUS 198 Jazz Piano Proficiency	0
MUS 340 Jazz Improvisation II (if student took MUS 138)	2
<b>Hours</b>	<b>15.5</b>
<b>Spring</b>	
MUS 312 Principal Applied Study	2
MUS 109 Major Ensembles	1
MUS 363 Music Literature III (1860-present)	3
MUS 328 Frameworks for Teaching Music in a Diverse Society	2
MUED 301 Practical Applications in Music Education	0.5
MUS 339 String Pedagogy and Educational String Literature	1
MUS 349 Jazz Analysis	2
Functional or Secondary Applied Lesson	1
MUS 346 Band/Choral Scoring or MUED 505 or Introduction to Orff Schulwerk: Music & Movement Education	2
General Education: Cardinal Core Natural Sciences-S	3
<b>Hours</b>	<b>17.5</b>
<b>Year 4</b>	
<b>Fall</b>	
MUS 411 Principal Applied Study	2
MUS 105 Jazz Applied	2
MUS 109 Major Ensembles	1
MUS 109 Major Ensembles	1
MUS 227 Voice Class	1
MUED 302 Practical Applications in Music Education	0.5
MUS 351 Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435 Jazz Arranging I	2
Functional or Secondary Applied Lesson	1
MUS 440 Jazz Improvisation III (Course needed unless student placed into MUS 138)	1
MUED 556 Special Methods in Secondary Teaching	2
<b>Hours</b>	<b>14.5</b>
<b>Spring</b>	
MUS 106 Jazz Applied	2
MUS 109 Major Ensembles	1
Functional or Secondary Applied Lesson	1
MUS 338 Jazz Methods	2
MUS 351 Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2

MUED 401 Practical Applications in Music Education	0.5
PAS 214 African-American Music - AH, D1	3
General Education: Cardinal Core Arts & Humanities - AH	3
<b>Hours</b>	<b>14.5</b>
<b>Year 5</b>	
<b>Fall</b>	
MUS 205 Jazz Applied	2
MUS 109 Major Ensembles	1
EDTP 420 Reading and Writing Across the Curriculum	3
ECPY 507 Learning Theory and Human Growth and Development	3
MUS 495 Senior Research Paper/Project - CUE (CUE)	0
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
General Education: Cardinal Core Natural Sciences - S	3
General Education: Cardinal Core Natural Sciences Lab - SL	1
<b>Hours</b>	<b>16</b>
<b>Minimum Total Hours</b>	<b>143</b>

## Wind Emphasis with Track in Jazz Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 197	Piano Proficiency	0
MUS 116	Introduction to Music Education	1
MUS 119	Minor Ensembles	0.5
MUS 138 or MUS 340	Jazz Improvisation (students taking MUS 138 take MUS 340 in Fall, Year 3) or Jazz Improvisation II	2
Functional or Secondary Applied Lesson		1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles (Marching Band)	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUED 201	Practical Applications in Music Education	0.5
MUS 235	Woodwind Methods	1
MUS 335	String Methods I	1
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences -S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
<b>Hours</b>		<b>17</b>

Spring		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
MUS 119	Minor Ensembles	0.5
MUED 202	Practical Applications in Music Education	0.5
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>

Year 3		
Fall		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 360	Conducting II (MUS 360-02)	2
MUS 228	Elementary School Music Methods	2
MUS 337	Marching Band Methods	1
MUS 340	Jazz Improvisation II (if student took MUS 138)	2
MUED 301	Practical Applications in Music Education	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 435	Jazz Arranging I	2
<b>Hours</b>		<b>16.5</b>

Spring		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 363	Music Literature III (1860-present)	3
MUS 346	Band/Choral Scoring	2
MUS 328	Frameworks for Teaching Music in a Diverse Society	2
MUED 302	Practical Applications in Music Education	0.5
MUED 556	Special Methods in Secondary Teaching	2
MUS 342	Band Pedagogy and Educational Wind Band Literature	1
MUS 349	Jazz Analysis	2
<b>Hours</b>		<b>16</b>

Year 4		
Fall		
MUS 411	Principal Applied Study	2
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 253	Brass Methods	1
MUS 137	Percussion Methods	1
Supplemental Course		1
ANTH 205	Music in World Cultures - D2, SB	3
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 440	Jazz Improvisation III (MUS 440 not needed if student placed into MUS 138)	
<b>Hours</b>		<b>13.5</b>

Spring		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 109	Major Ensembles	1
MUS 254	Advanced Brass Methods	1
Supplemental Course		1
MUS 338	Jazz Methods	2
EDTP 201	The Teaching Profession - SB	3
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>

Year 5		
Fall		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 495	Senior Research Paper/Project - CUE (CUE)	0
Supplemental Course		1
EDTP 420	Reading and Writing Across the Curriculum	3
ECPY 507	Learning Theory and Human Growth and Development	3
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Minimum Total Hours</b>		<b>142</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music General (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts with Emphasis in Music General

Unit: Music (<http://louisville.edu/music/>)

Academic Plan Code(s): MUSIBA\_MUG

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		38-40
Program/Major Requirements		15-17
Supporting Courses		34
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>		31

The following courses are required by this program and should be used to fulfill the respective General Education Requirement:

PAS 214	African-American Music - AH, D1
ANTH 205	Music in World Cultures - D2, SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (minimum of eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 125	Arts Instrument <sup>5,6</sup>	1
MUS 126	Arts Instrument <sup>5,6</sup>	1
MUS 225	Arts Instrument <sup>5,6</sup>	1
MUS 226	Arts Instrument <sup>5,6</sup>	1
MUS 131	Piano Class <sup>6,7</sup>	1
MUS 132	Piano Class <sup>6,7</sup>	1
MUS 347 or MUS 242	Analysis I (Course based on BA emphasis) <sup>10</sup> Theory IV	2-4

MUS 100	Introduction to Music Study	1
MUS 197	Piano Proficiency	0

**Minimum Total Hours 38-40**

## Program/Major Requirements

Code	Title	Hours
<b>Major Courses</b>		
Music Electives <sup>8</sup>		12-14
Music or General Electives <sup>8,9</sup>		3
MUS 496	BA Capstone Project (CUE)	0
<b>Minimum Total Hours</b>		<b>15-17</b>

Code	Title	Hours
<b>Supporting Courses</b>		
General Electives <sup>9</sup>		34

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 Analysis I for BA General, MUS 349 Jazz Analysis for BA Jazz Studies, MUS 350 Analysis of Electronic Media for BA Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

MUS 496	BA Capstone Project
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- Students are required to take PAS 214 and ANTH 205 Music in World Cultures - D2, SB.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass Theory I, and students who enter the School of Music in January and do not place into MUS 142 Theory II, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.

- <sup>4</sup> Strings take section 01, others solely dependent on the ensemble audition
- <sup>5</sup> The Piano Proficiency Examination is required for applied piano and organ majors.
- <sup>6</sup> If the applied area is piano or organ, Piano Class is replaced with 2 hours of music electives. The Piano Proficiency Examination may be taken in lieu of two semesters of Piano Class.
- <sup>7</sup> Students must pass the complete Piano Proficiency Examination before receiving credit for the final semester of the piano requirement. Students must be enrolled continuously in Piano Class until their piano requirement has been completed. Those who pass the Piano Proficiency Exam before the end of the second semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits.
- <sup>8</sup> 12 hours of music electives if MUS 242 Theory IV is chosen; 14 hours of music electives if MUS 347 Analysis I is chosen. Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. For the Bachelor of Arts degree, in addition to the electives listed for the Bachelor of Music, applied music courses beyond the required four semesters are acceptable as music electives. MUH courses will not be accepted as music electives.
- <sup>9</sup> Non-music electives which include 18 hours in one area of concentration. At least 9 hours in the area of concentration, and a total of 12 of the 34 hours, must be at the 300-level or above. The student may choose to pursue a second major or take a minor in a non-music area. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.
- <sup>10</sup> MUS 347 Analysis I for BA General, MUS 349 Jazz Analysis for BA Jazz Studies, MUS 350 Analysis of Electronic Media for BA Music & New Media.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 125	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class (or Music Elective)	1
Music Elective		1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 126	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class (or Music Elective)	1
MUS 197	Piano Proficiency	0
Music Elective		2

ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 225	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
Music Elective		2
Non-Music Elective in chosen concentration		3
Non-Music Elective in any other discipline		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUS 226	Arts Instrument	1
MUS 109	Major Ensembles	1
One of the following:		2-4
MUS 242	Theory IV	
Music Elective, 2 hours (if taking MUS 347 in Spring, Year 3)		
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
Non-Music Elective in chosen concentration		3
Non-Music Elective in any other discipline		3
<b>Hours</b>		<b>13-15</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I (not required if student completed MUS 242 in Spring, Year 2)	0-2
Music Elective		1
Non-Music Elective in chosen concentration		3
Non-Music Elective in any other discipline		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16-14</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in any other discipline		3
Music Elective		2
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in any other discipline (300 level or above)		3
Music Electives		2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in any other discipline (300 level or above)		1
Music Electives		2
General or Music Electives		3
PAS 214	African-American Music - AH, D1	3
ANTH 205	Music in World Cultures - D2, SB	3

MUS 496	BA Capstone Project (CUE)	0
	<b>Hours</b>	<b>16</b>
	<b>Minimum Total Hours</b>	<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

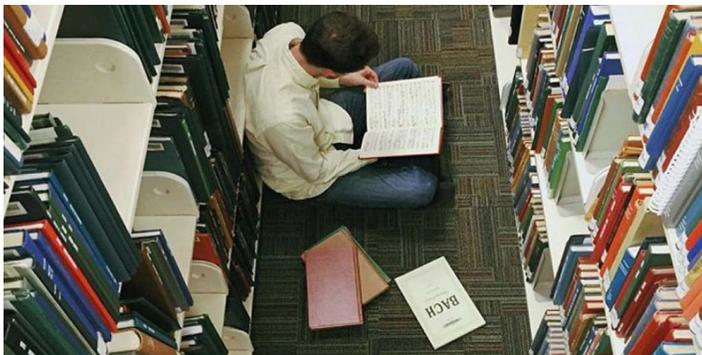
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music History (BM)



## Music with Emphasis in Music History (BM)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Music History

Unit: Music (<http://www.louisville.edu/music/>)  
Academic Plan Code(s): MUSIBM\_MH

### Program Information

The School of Music offers the Bachelor of Music and the Master of Music degrees in Music History.

The music history faculty at the University of Louisville represent a wide range of teaching and research disciplines. Part-time faculty bring

expertise in cognate areas such as popular music, country music, history of rock and roll, world music, dance music, and music of the theater.

Undergraduate music history majors complete a senior research project under faculty supervision, concluding with a formal presentation and discussion with the panel of music history faculty. Graduate students in music history undertake a series of seminars and complete a thesis under faculty supervision, as well as satisfy a foreign language requirement and a final oral examination.

Past graduates in music history from the University of Louisville have made careers as musicologists, music librarians, arts administrators, and music critics.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Major Requirements	13
	Supporting Courses	29
	<b>Minimum Total Hours</b>	<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3

MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 131	Piano Class <sup>5</sup>	1
MUS 132	Piano Class <sup>5</sup>	1
MUS 231	Piano Class III <sup>5,6</sup>	1
MUS 347	Analysis I	2
MUS 111	Principal Applied Study <sup>7</sup>	2
MUS 112	Principal Applied Study <sup>7</sup>	2
MUS 211	Principal Applied Study	2
MUS 212	Principal Applied Study	2
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>47</b>

## Program/Major Requirements

Code	Title	Hours
<b>Music History Requirements</b>		
MUS 370	Seminar in Music History (three 3-hour courses)	9
MUS 499	Senior Research Paper/Project - CUE (CUE) <sup>8</sup>	4
<b>Minimum Total Hours</b>		<b>13</b>

Code	Title	Hours
<b>Supporting Courses</b>		
MUS 348	Analysis II	2
<i>Advanced Theory</i>		
Select one of the following sequences:		4
Sequence One:		
MUS 145	Secondary Composition	
MUS 146	Secondary Composition	
Sequence Two:		
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
Sequence Three:		
MUS 547	Chromatic Harmony and Analysis	
MUS 548	Post-Tonal Theory and Analysis	
MUS 549	Renaissance Counterpoint	2
MUS 550	Baroque Counterpoint	2
MUS 359	Conducting I	2
MUS 311	Principal Applied Study	2
MUS 312	Principal Applied Study	2
MUS 411	Principal Applied Study	2
MUS 412	Principal Applied Study	2
GERM 121		4
General or Music Electives <sup>9</sup>		5
<b>Minimum Total Hours</b>		<b>29</b>

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this

review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies, MUS 350 for BA Music & New Media); MUS 361 Music Literature I; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies)s, music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

MUS 499	Senior Research Paper/Project - CUE	
1	Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB .	
2	MUH courses may not be taken to fulfill any General Education requirement.	
3	Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.	
4	Strings take section 01, others solely dependent on the ensemble audition.	
5	If the applied principal is piano, Piano Class is replaced with 3 hours of music electives. For students with a piano background, three semesters of Secondary Piano (MUS 121-MUS 221) may be substituted for Piano Class.	
6	Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the proficiency exam requirement is complete. Students must be enrolled continuously in Piano Class until their requirement has been completed. Those who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits. Entering students who have a background in piano may register for MUS 297 Piano Proficiency for one semester with approval of the Keyboard Area.	
7	If the applied principal is voice, 2 hours of Diction (MUS 123-MUS 124) are required in addition to the 16 hours of voice.	
8	Students may enroll for either 2 semesters at 2 credits per semester or 1 semester at 4 credits.	

<sup>9</sup> Electives to be determined in consultation with the program advisor. Students are strongly encouraged to include 1 credit hour of minor ensemble where appropriate. Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class (or Music Elective)	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class (or Music Elective)	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III (or Music Elective)	1
MUS 297	Piano Proficiency	0
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Oral Communication - OC		3
General or Music Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 359	Conducting I	2
General or Music Electives		2
<b>Hours</b>		<b>14</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 311	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2

MUS 549	Renaissance Counterpoint	2
MUS 370	Seminar in Music History	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 312	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 348	Analysis II	2
MUS 550	Baroque Counterpoint	2
GERM 121		
General or Music Elective(s)		2
<b>Hours</b>		<b>12</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 411	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 370	Seminar in Music History	3
Advanced Theory course from specific list		2
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUS 412	Principal Applied Study	2
MUS 109	Major Ensembles	1
Advanced Theory course from specific list		2
MUS 370	Seminar in Music History	3
MUS 499	Senior Research Paper/Project - CUE (CUE)	4
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>116</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music Instrumental Performance (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Instrumental Performance

Unit: Music (<http://www.louisville.edu/music/>)  
Academic Plan Code(s): MUSIBM\_INS

### Program Information

The Bachelor of Music in Instrumental Performance degree is appropriate for students who wish to prepare for a career in music performance and related fields. Among the particular career emphases for which the BM in Instrumental Performance is an appropriate preparation are professional performer, university teacher, private music studio teacher, or pre-professional preparation for music teacher certification study. Since it is unlikely that graduates of the program will have developed all the requisite skills to enter the professional ranks of performers or university teachers, most graduates will continue to develop their skills through further study. Students who have completed the BM in Instrumental Performance at UofL typically do very well in gaining admission to strong graduate programs nationwide.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47
	Program/Major Requirements	30
	Supporting Courses	12
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

### Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 131	Piano Class <sup>5,6</sup>	1
MUS 132	Piano Class <sup>5,6</sup>	1
MUS 231	Piano Class III <sup>5,6</sup>	1
MUS 347	Analysis I	2
MUS 103	Major Applied Study	4
MUS 104	Major Applied Study	4
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>47</b>

## Program/Major Requirements

Code	Title	Hours
<b>Instrumental Performance Requirements</b>		
MUS 203	Major Applied Study <sup>7</sup>	4
MUS 204	Major Applied Study <sup>7</sup>	4
MUS 303	Major Applied Study <sup>7</sup>	4
MUS 304	Major Applied Study <sup>7</sup>	4
MUS 403	Major Applied Study <sup>7</sup>	4
MUS 404	Major Applied Study <sup>7</sup>	4
MUS 119	Minor Ensembles (eight 1/2-hour courses) <sup>8</sup>	4
MUS 538	Studies in Pedagogy (Instrument Specific)	1
MUS 563	Literature (Instrument Specific)	1
MUS 397	Junior Recital <sup>9</sup>	0

MUS 497	Senior Recital - CUE (CUE) <sup>9</sup>	0
<b>Minimum Total Hours</b>		<b>30</b>
<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Supporting Courses</b>		
<i>Advanced Theory</i>		
Select one of the following:		2
MUS 348	Analysis II	
MUS 145	Secondary Composition	
MUS 146	Secondary Composition	
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUS 547	Chromatic Harmony and Analysis	
MUS 548	Post-Tonal Theory and Analysis	
MUS 549	Renaissance Counterpoint	
MUS 550	Baroque Counterpoint	
MUS 359	Conducting I	2
Music Electives <sup>10</sup>		3
General Electives <sup>10</sup>		3
General or Music Electives <sup>10</sup>		2
<b>Minimum Total Hours</b>		<b>12</b>

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

- Students are required to take PAS 214 and ANTH 205.
- MUH courses may not be taken to fulfill any General Education requirement.

- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Strings take section 01, others solely dependent on the ensemble audition.
- For students with a piano background, three semesters of Secondary Piano (MUS 121-MUS 221) may be substituted.
- Students must be enrolled continuously in Piano Class until their piano requirement has been completed. Those students who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits. Entering students who have a background in piano may register for MUS 297 Piano Proficiency for one semester with approval of the Keyboard Area.
- Woodwind option: Students with a major in flute, oboe, clarinet, bassoon, or saxophone may devote as many as 14 of the 32 hours required in the major instrument to the study of other woodwind instruments. After completing one semester of study in the major instrument with a grade of A or B, the student may elect the above option with the approval of the woodwind faculty. Continued enrollment in the option will be dependent upon satisfactory progress in the major instrument studied. An outline of the applied music study must be approved by the teacher of the major instrument. One-half of the senior recital may consist of solo or ensemble performance of one or more secondary instruments.
- Students must be enrolled in Minor Ensemble for a minimum of six semesters. The applied teacher must approve the choice of Minor Ensembles that will count towards the degree.
- Junior and senior recitals for all performance degrees are public recitals.
- Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 103	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 104	Major Applied Study	4
MUS 109	Major Ensembles	1

MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 119	Minor Ensembles	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>

**Year 2**

<b>Fall</b>		
MUS 203	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Historical Perspective - SBH		3
<b>Hours</b>		<b>16.5</b>

<b>Spring</b>		
MUS 204	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 359	Conducting I	2
MUS 97	Recital Attendance	0
MUS 119	Minor Ensembles	0.5
<b>Hours</b>		<b>14.5</b>

**Year 3**

<b>Fall</b>		
MUS 303	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 347	Analysis I	2
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14.5</b>

<b>Spring</b>		
MUS 304	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 119	Minor Ensembles	0.5
PAS 214	African-American Music - AH, D1	3
MUS 397	Junior Recital	0
Music Elective		1
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15.5</b>

**Year 4**

<b>Fall</b>		
MUS 403	Major Applied Study	4
MUS 109	Major Ensembles	1
Advanced Theory course from specific list		2
MUS 538	Studies in Pedagogy	1
MUS 563	Literature	1
MUS 119	Minor Ensembles	0.5
General Electives		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15.5</b>

<b>Spring</b>		
MUS 404	Major Applied Study	4

MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
MUS 497	Senior Recital - CUE	0
Music Elective		1
ANTH 205	Music in World Cultures - D2, SB	3
General or Music Electives		2
Music Elective		1
<b>Hours</b>		<b>12.5</b>
<b>Minimum Total Hours</b>		<b>120</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Music, Jazz Performance (BM)**



**Music with Emphasis in Jazz Performance (BM)**

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Music with Emphasis in Jazz Performance**

Unit: Music (<http://www.louisville.edu/music/>)  
Academic Plan Code(s): MUSIBM\_JAZ

## Program Information

The Bachelor of Music in Jazz Performance degree is appropriate for students who wish to prepare for a career in music performance and related fields. The Bachelor of Music degree with an Emphasis in Jazz Performance is intended to prepare students with the skills needed to perform, compose and arrange within the jazz idiom. Among the goals of the degree are to prepare students to be skilled in the art of jazz improvisation, be well versed in a variety of performance techniques, be able to compose and arrange within the jazz idiom, and to have an understanding and appreciation of the jazz tradition through the study of and performance with jazz masters. Among the particular career emphases for which the BM in Jazz Performance is an appropriate preparation are professional performer, music arranger or composer, or teacher. Since it is unlikely that graduates of the program will have developed all the requisite skills to enter the professional ranks of performers or university teachers, most graduates will continue to develop their skills through additional study.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		46
Program/Major Requirements		24
Supporting Courses		20
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>		31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4

MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 131	Piano Class <sup>5</sup>	1
MUS 132	Piano Class <sup>5</sup>	1
MUS 349	Jazz Analysis	2
MUS 105	Jazz Applied	2
MUS 106	Jazz Applied	2
MUS 205	Jazz Applied	2
MUS 206	Jazz Applied	2
MUS 100	Introduction to Music Study	1
MUS 197	Piano Proficiency	0

**Minimum Total Hours** **46**

## Program/Major Requirements

Code	Title	Hours
<b>Jazz Performance Requirements</b>		
MUS 305	Jazz Applied	2
MUS 306	Jazz Applied	2
MUS 405	Jazz Applied	2
MUS 406	Jazz Applied	2
MUS 119	Minor Ensembles (eight 1/2-hour courses)	4
MUS 138	Jazz Improvisation	2
MUS 340	Jazz Improvisation II	2
MUS 440	Jazz Improvisation III	2
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
MUS 352	Jazz Repertoire	2
MUS 571	Pedagogy (MUS 571-07 Jazz Pedagogy)	2
MUS 497	Senior Recital - CUE (CUE) <sup>6</sup>	0
<b>Minimum Total Hours</b>		<b>24</b>

Code	Title	Hours
<b>Supporting Courses</b>		
MUS 351	Studies in Jazz ((MUS 351-02 Jazz Theory))	2
MUS 435	Jazz Arranging I	2
MUS 436	Jazz Arranging II	2

### Advanced Theory

One 4-hour course sequence chosen from:		4
MUS 145 & MUS 146	Secondary Composition & Secondary Composition (&)	
MUS 345 & MUS 346	Orchestral Scoring & Band/Choral Scoring (&)	
MUS 549 & MUS 550	Renaissance Counterpoint & Baroque Counterpoint (&)	
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 355	The Evolution of Jazz	3

MUS 535	Music Industry I	2
Electives <sup>8</sup>		2
MUS 575	Music Production	2
or MUS 576	Multimedia Production	
<b>Minimum Total Hours</b>		<b>20</b>

### Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

- Students are required to take PAS 214 and ANTH 205.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Jazz majors take Jazz Ensemble, Jazz Repertory Ensemble, Jazz Lab, or Vocal Jazz Ensemble.
- If the applied area is piano, Piano Class is replaced with two hours of music electives. The Piano Proficiency Examination may be taken in lieu of two semesters of Piano Class. Students must pass the complete Piano Proficiency Examination before receiving credit for the final semester of the piano requirement. Students must be enrolled continuously in the class until their piano requirement has been completed.
- Senior recital for all performance degrees is a public recital.
- Students may substitute 1 hour of elective providing they pass the Jazz Piano Proficiency.

<sup>8</sup> Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

### Flight Plan, Even-Year Starts

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 131	Piano Class (or Music Elective)	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 132	Piano Class (or Music Elective)	1
MUS 119	Minor Ensembles	0.5
MUS 197	Piano Proficiency	0
MUS 138	Jazz Improvisation	2
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 119	Minor Ensembles	0.5
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II	2
General Education: Cardinal Core Arts & Humanities - AH		3
Elective		1
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 206	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 349	Jazz Analysis	2
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 119	Minor Ensembles	0.5

General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 305	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 119	Minor Ensembles	0.5
MUS 440	Jazz Improvisation III	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 435	Jazz Arranging I	2
MUS 355	The Evolution of Jazz	3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 306	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 363	Music Literature III (1860-present)	3
MUS 119	Minor Ensembles	0.5
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
MUS 436	Jazz Arranging II	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Elective		1
<b>Hours</b>		<b>15.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 405	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
Advanced Theory Course from specified list		2
MUS 352	Jazz Repertoire	2
MUS 535	Music Industry I	2
MUS 571	Pedagogy (MUS 571-07 Jazz Pedagogy)	2
General Education: Cardinal Core Historical Perspective - SBH		3
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 406	Jazz Applied	2
MUS 109	Major Ensembles	1
Advanced Theory Course from specified list		2
MUS 119	Minor Ensembles	0.5
MUS 497	Senior Recital - CUE	0
MUS 575	Music Production	2
or MUS 576 or Multimedia Production		
PAS 214	African-American Music - AH, D1	3
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>13.5</b>
<b>Minimum Total Hours</b>		<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.

4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Flight Plan, Odd-Year Starts

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 131	Piano Class (or Music Elective)	1
MUS 119	Minor Ensembles	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 132	Piano Class (or Music Elective)	1
MUS 119	Minor Ensembles	0.5
MUS 197	Piano Proficiency	0
MUS 138	Jazz Improvisation	2
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 119	Minor Ensembles	0.5
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences-S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
Elective		1
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 206	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 119	Minor Ensembles	0.5
ANTH 205	Music in World Cultures - D2, SB	3

General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 305	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 119	Minor Ensembles	0.5
MUS 340	Jazz Improvisation II	2
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 352	Jazz Repertoire	2
MUS 571	Pedagogy (MUS 571-07 Jazz Pedagogy)	2
MUS 535	Music Industry I	2
<b>Hours</b>		<b>15.5</b>
<b>Spring</b>		
MUS 306	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 119	Minor Ensembles	0.5
MUS 349	Jazz Analysis	2
MUS 576	Multimedia Production (or students may take MUS 575 in Year 4, Fall)	2 or 0
PAS 214	African-American Music - AH, D1	3
Elective		1
<b>Hours</b>		<b>14.5-12.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 405	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles	0.5
Advanced Theory Course from specified list		2
MUS 440	Jazz Improvisation III	2
MUS 435	Jazz Arranging I	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 355	The Evolution of Jazz	3
MUS 575	Music Production (or students may take MUS 576 in Year 3, Spring)	0 or 2
<b>Hours</b>		<b>14.5-16.5</b>
<b>Spring</b>		
MUS 406	Jazz Applied	2
MUS 109	Major Ensembles	1
Advanced Theory Course from specified list		2
MUS 119	Minor Ensembles	0.5
MUS 497	Senior Recital - CUE	0
MUS 436	Jazz Arranging II	2
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis)	2
General Education: Cardinal Core Historical Perspective-SBH		3
<b>Hours</b>		<b>12.5</b>
<b>Minimum Total Hours</b>		<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.

3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music, Jazz Studies (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts with Emphasis in Jazz Studies

Unit: Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): MUSIBA\_JAZ

## Program Information

The Bachelor of Arts in Music with Emphasis in Jazz Studies degree is aimed at introducing students to elements of jazz within the context of a liberal arts program. The outcome of the degree is to prepare students to develop skills in performing and improvising music in a variety of jazz styles on primary and secondary instruments, and to have an understanding of a variety of performance techniques in jazz, and an appreciation of the jazz tradition through the study of and performance with jazz masters.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		38-40
Program/Major Requirements		13-14
Supporting Courses		36-37
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31

The following courses are required by this program and should be used to fulfill the respective General Education Requirement:

PAS 214	African-American Music - AH, D1
ANTH 205	Music in World Cultures - D2, SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 349 or MUS 242	Jazz Analysis <sup>4</sup> Theory IV	2-4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (minimum of eight 1-hour courses) <sup>5</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 105	Jazz Applied <sup>6,7</sup>	2
MUS 106	Jazz Applied <sup>6,7</sup>	2
MUS 131	Piano Class <sup>7</sup>	1
MUS 132	Piano Class <sup>7</sup>	1
MUS 100	Introduction to Music Study	1
MUS 197	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>38-40</b>

## Program/Major Requirements

Code	Title	Hours
<b>Plan Courses: Jazz Area</b>		
MUS 138	Jazz Improvisation	2
MUS 340	Jazz Improvisation II	2
MUS 351 or MUS 355	Studies in Jazz (MUS 351-01 Jazz Style & Analysis) The Evolution of Jazz	2-3
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 205	Jazz Applied	2

MUS 206	Jazz Applied	2
MUS 130	Jazz Piano Class <sup>8</sup>	1
MUS 198	Jazz Piano Proficiency	0
MUS 496	BA Capstone Project (CUE)	0

**Minimum Total Hours 13-14**

Code	Title	Hours
<b>Supporting Courses</b>		
	Music Electives <sup>9</sup>	1-4
	General or Music Electives <sup>9,10</sup>	3
	General Electives <sup>10</sup>	31
<b>Minimum Total Hours</b>		<b>36-37</b>

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361 ; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 , with grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 496	BA Capstone Project	

- Students are required to take PAS 214 and ANTH 205.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Students also have the option of completing an Analysis course: MUS 349 Jazz Analysis for BA Jazz Studies.
- Jazz students take 6 1-hour courses of Jazz Major Ensemble plus 2 1-hour courses of non-Jazz Major Ensemble.
- The Piano Proficiency Examination is required for applied piano majors.

- <sup>7</sup> If the applied area is piano, Piano Class is replaced with 2 hours of music electives. The Piano Proficiency Examination may be taken in lieu of two semesters of Piano Class.
- <sup>8</sup> Students may substitute 1 hour of elective providing they pass the Jazz Piano Proficiency.
- <sup>9</sup> Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. For the Bachelor of Arts degree, in addition to the electives listed for the Bachelor of Music, applied music courses beyond the required four semesters are acceptable as music electives. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.
- <sup>10</sup> Non-music electives which include 18 hours in one area of concentration. At least 9 hours in the area of concentration, and a total of 12 of the 31 hours, must be at the 300-level or above. The student may choose to pursue a second major or take a minor in a non-music area. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

## Flight Plan, Even-Year Starts

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 131	Piano Class (or Music Elective)	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 132	Piano Class (or Music Elective)	1
MUS 197	Piano Proficiency	0
MUS 138	Jazz Improvisation	2
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 340	Jazz Improvisation II	2
MUS 130	Jazz Piano Class	1

MUS 198	Jazz Piano Proficiency	0
Non-Music Elective in chosen concentration		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 206	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 349 or MUS 242	Jazz Analysis or Theory IV	2-4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-06)	0
Music Elective (students taking MUS 349 should complete 2 elective credits)		0-2
Non-Music Elective in any other discipline		3
<b>Hours</b>		<b>13</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 351	Studies in Jazz (MUS 351-02, Jazz Theory)	2
MUS 355	The Evolution of Jazz (students can alternatively fulfill requirement by taking MUS 351-01, Jazz Style & Analysis, in Spring)	3 or 0
General Education: Cardinal Core Arts & Humanities - AH		3
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in chosen concentration (300 level or above)		3
<b>Hours</b>		<b>18-15</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 351	Studies in Jazz (MUS 351-01, Jazz Style & Analysis, if MUS 355 not taken in the fall)	0-2
Non-Music Electives in any other discipline		1
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in chosen concentration (300 level or above)		3
Music Elective (students who take MUS 351-01 take 2; students who take MUS 355 take 1)		1-2
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15-18</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Non-Music Elective in any discipline (300 level or above)		3
Non Music Elective in any discipline		3
Non-Music Elective in chosen discipline (300 level or above)		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
ANTH 205	Music in World Cultures - D2, SB	3
PAS 214	African-American Music - AH, D1	3
General or Music elective		3
Non-music elective in any discipline		3
MUS 496	BA Capstone Project (CUE)	0
<b>Hours</b>		<b>13</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

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4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Flight Plan, Odd-Year Starts**

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 131	Piano Class (or Music Elective)	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 132	Piano Class (or Music Elective)	1
MUS 197	Piano Proficiency	0
MUS 138	Jazz Improvisation	2
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-06)	0
Non-Music Elective in chosen concentration		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities-AH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 206	Jazz Applied	2

MUS 109	Major Ensembles	1
MUS 349 or MUS 242	Jazz Analysis (students opting for MUS 242 take it in Spring, Year 3 ) or Theory IV	2-4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-06)	0
Music Elective (students taking MUS 349 should complete 2 elective credits)		2-0
Non-Music Elective in any other discipline		3
<b>Hours</b>		<b>13</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 340	Jazz Improvisation II	2
Non-Music Elective in any discipline (300 level or above)		3
Non-Music Elective in any discipline (300 level or above)		3
Non-Music Elective in any discipline		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
Music Elective (students who take MUS 351-01 take 2; students who take MUS 355 take 1)		1-2
Non-Music Electives in any other discipline		1
Non-Music Elective in chosen concentration (300 level or above)		3
Non-Music Elective in chosen concentration (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15-16</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 355	The Evolution of Jazz (students can alternatively fulfill requirement by taking MUS 351-01, Jazz Style & Analysis, in Spring)	3 or 0
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Non-Music Elective in chosen discipline		3
Non-Music Elective in Chosen Concentration		3
<b>Hours</b>		<b>16-13</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 496	BA Capstone Project (CUE)	0
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis if not taken in Fall)	0-2
ANTH 205	Music in World Cultures - D2, SB	3
PAS 214	African-American Music - AH, D1	3
General or Music elective		3
Non-music elective in any discipline		3
<b>Hours</b>		<b>13-15</b>
<b>Minimum Total Hours</b>		<b>120</b>

## Music Organ Performance (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Organ Performance

Unit: Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): MUSIBM\_ORG

### Program Information

The Bachelor of Music in Performance degree is appropriate for students who wish to prepare for a career in music performance and related fields. Among the particular career emphases for which the BM in Performance is an appropriate preparation are professional performer, university teacher, private music studio teacher, or pre-professional preparation for music teacher certification study. Since it is unlikely that graduates of the program will have developed all the requisite skills to enter the professional ranks of performers or university teachers, most graduates will continue to develop their skills through further study.

The 560-seat Margaret Comstock Concert Hall at UofL houses three Steinway and a Bösendorfer “Imperial” concert grand pianos as well as a 64-rank Steiner-Reck organ, the largest of its kind in the Midwest. Also available to students are a number of practice organs.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	44
	Program/Major Requirements	34
	Supporting Courses	11
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

### Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

### College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of “S”)	0
MUS 347	Analysis I	2
MUS 103	Major Applied Study	4
MUS 104	Major Applied Study	4
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>44</b>

### Program/Major Requirements

Code	Title	Hours
<b>Organ Performance Requirements</b>		
MUS 203	Major Applied Study	4
MUS 204	Major Applied Study	4
MUS 303	Major Applied Study	4
MUS 304	Major Applied Study	4
MUS 403	Major Applied Study	4
MUS 404	Major Applied Study	4
MUS 265	Service Playing I	2
MUS 266	Service Playing II	2
MUS 561	Literature (Organ Literature I)	2
MUS 562	Literature (Organ Literature II)	2
MUS 571	Pedagogy (Organ Pedagogy)	2
MUS 497	Senior Recital - CUE (CUE) <sup>5</sup>	0
<b>Minimum Total Hours</b>		<b>34</b>

Code	Title	Hours
<b>Supporting Courses</b>		
<i>Advanced Theory</i>		
Select two 2-hour courses from the following:		4
MUS 348	Analysis II	
MUS 547	Chromatic Harmony and Analysis	
MUS 548	Post-Tonal Theory and Analysis	
MUS 549	Renaissance Counterpoint	
MUS 550	Baroque Counterpoint	
MUS 121	Secondary Applied Study	1
MUS 122	Secondary Applied Study	1
MUS 221	Secondary Applied Study	1
MUS 359	Conducting I	2
Electives (General or Music) <sup>6</sup>		2
<b>Minimum Total Hours</b>		<b>11</b>

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

- Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Solely dependent on the ensemble audition.

- Senior recital for all performance degrees is a public recital.
- Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 103	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-01)	0
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 104	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-01)	0
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 203	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 121	Secondary Applied Study (Piano)	1
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 204	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 359	Conducting I	2
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 122	Secondary Applied Study (Piano)	1
MUS 297	Piano Proficiency	0
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 303	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 347	Analysis I	2
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 265	Service Playing I	2
MUS 561	Literature (MUS 561-03)	2

MUS 221	Secondary Applied Study (Piano)	1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 304	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 266	Service Playing II	2
MUS 562	Literature (MUS 562-03)	2
Elective (General or Music)		1
<b>Hours</b>		<b>13</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 403	Major Applied Study	4
MUS 109	Major Ensembles	1
Advanced Theory course from specific list		2
MUS 571	Pedagogy (Organ Pedagogy)	2
General Education: Cardinal Core Natural Sciences - S		3
Elective (General or Music)		1
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 404	Major Applied Study	4
MUS 109	Major Ensembles	1
Advanced Theory course from specific list		2
PAS 214	African-American Music - AH, D1	3
ANTH 205	Music in World Cultures - D2, SB	3
MUS 497	Senior Recital - CUE (CUE)	0
<b>Hours</b>		<b>13</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music, Piano Performance (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Piano Performance

Unit: Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): MUSIBM\_PNO, MUSIBM\_PDG

## Program Information

The Bachelor of Music in Performance degree is appropriate for students who wish to prepare for a career in music performance and related fields. Among the particular career emphases for which the BM in Performance is an appropriate preparation are professional performer, university teacher, private music studio teacher, or pre-professional preparation for music teacher certification study. Since it is unlikely that graduates of the program will have developed all the requisite skills to enter the professional ranks of performers or university teachers, most graduates will continue to develop their skills through further study.

The School of Music building contains two recital halls, a 15,000 square foot music library, forty-four teaching studios, and seventy-six practice rooms, many of them with Steinway grand pianos reserved exclusively for piano majors.

## Degree Summary

### Emphasis in Piano Performance

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		44
Program/Major Requirements		37
Supporting Courses		10
<b>Minimum Total Hours</b>		<b>122</b>

### Emphasis in Piano Performance, Track in Piano Pedagogy

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		44
Program/Major Requirements		30

Supporting Courses	15
<b>Minimum Total Hours</b>	<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## Program Requirements General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	
<b>Minimum Total Hours</b>		<b>31</b>

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<i>School of Music Program Courses</i>		
<b>Music Theory</b> <sup>3</sup>		<b>16</b>
MUS 141	Theory I	
MUS 142	Theory II	
MUS 241	Theory III	
MUS 242	Theory IV	
<b>Music Literature</b>		<b>9</b>
MUS 361	Music Literature I (1000-1750)	
MUS 362	Music Literature II (Classical & Early Romantic Music)	
MUS 363	Music Literature III (1860-present)	
<b>Principal Ensemble (eight 1-hour courses)</b> <sup>4</sup>		<b>8</b>
MUS 109	Major Ensembles	
<b>Applied Lessons</b> <sup>5</sup>		<b>8</b>
Applied Lessons, Piano Performance (two 4-hour courses)		
MUS 103	Major Applied Study	
& MUS 104	Major Applied Study	
-or-		
Applied Lessons, Piano Pedagogy track (four 2-hour courses)		
MUS 101	Major Applied Study	
& MUS 102	Major Applied Study	
& MUS 201	Major Applied Study	
& MUS 202	Major Applied Study	

MUS 347	Analysis I	2
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
MUS 97	Recital Attendance (four semesters of "S")	0
<b>Minimum Total Hours</b>		<b>44</b>

## Program/Major Requirements

### Piano Performance

Code	Title	Hours
<i>Plan Courses: Piano Performance</i>		
Applied Lessons (six courses)		24
MUS 203	Major Applied Study	
MUS 204	Major Applied Study	
MUS 303	Major Applied Study	
MUS 304	Major Applied Study	
MUS 403	Major Applied Study	
MUS 404	Major Applied Study	
MUS 561	Literature (Piano Literature I)	2
MUS 562	Literature (Piano Literature II)	2
MUS 119	Minor Ensembles (Piano Ensemble; six half-hour courses)	3
MUS 371	Piano Pedagogy I	3
MUS 372	Piano Pedagogy II	3
MUS 397	Junior Recital <sup>5</sup>	0
MUS 497	Senior Recital - CUE (CUE) <sup>5</sup>	0
<b>Minimum Total Hours</b>		<b>37</b>

Code	Title	Hours
<b>Supporting Courses: Piano Performance</b>		
Advanced Theory		4
Select two 2-hour courses from the following:		
MUS 348	Analysis II	
MUS 547	Chromatic Harmony and Analysis	
MUS 548	Post-Tonal Theory and Analysis	
MUS 549	Renaissance Counterpoint	
MUS 550	Baroque Counterpoint	
MUS 359	Conducting I	2
Electives (General or Music) <sup>6</sup>		4
<b>Minimum Total Hours</b>		<b>10</b>

### Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 or Analysis (MUS 347 for BA, General; MUS 349 for BA General, Jazz Studies; MUS 350 for BA, Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

## Program/Major Requirements

### Piano Performance, Track in Piano Pedagogy

Code	Title	Hours
<b>Plan Courses: Piano Pedagogy Track</b>		
Applied Lessons (four courses)		12
MUS 301	Major Applied Study	
MUS 302	Major Applied Study	
MUS 413	Principal Applied Study	
MUS 414	Principal Applied Study	
MUS 561	Literature (Piano Literature I)	2
MUS 562	Literature (Piano Literature II)	2
MUS 371	Piano Pedagogy I	3
MUS 372	Piano Pedagogy II	3
MUS 471	Piano Pedagogy III	3
MUS 472	Piano Pedagogy IV	3
MUS 475	Pedagogy Practicum I	1
MUS 476	Pedagogy Practicum II	1
MUS 497	Senior Recital - CUE (CUE) <sup>5,7</sup>	0
<b>Minimum Total Hours</b>		<b>30</b>

Code	Title	Hours
<b>Supporting Courses: Piano Pedagogy Track</b>		
Advanced Theory		4
Two 2-hour courses chosen from:		
MUS 348	Analysis II	
MUS 547	Chromatic Harmony and Analysis	
MUS 548	Post-Tonal Theory and Analysis	
MUS 549	Renaissance Counterpoint	
MUS 550	Baroque Counterpoint	
MUS 359	Conducting I	2
MUS 119	Minor Ensembles (Piano Ensemble; six 1/2-hour courses)	3
Electives (General or Music) <sup>6,8</sup>		6
<b>Minimum Total Hours</b>		<b>15</b>

#### Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to

achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 or Analysis (MUS 347 for BA, General; MUS 349 for BA General, Jazz Studies; MUS 350 for BA, Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies, music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the division and area faculties and are outlined in the Music Student Handbook and the various Division handbooks.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

- Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB.
- MUH courses may not be taken to fulfill any General Education requirement.
- Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- Solely dependent on the ensemble audition.
- Junior and Senior Recitals for all performance degrees are public recitals.
- Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.
- For the Track in Piano Pedagogy, the Senior Recital may be presented before the area faculty. A Junior Recital is strongly recommended for Pedagogy Majors.
- Piano Pedagogy students are strongly encouraged to take a course in Educational Psychology or Child Development and to include one course in Music Entrepreneurship, Orff Schulwerk, or study on a secondary or functional instrument.

## Flight Plan

## Piano Performance

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 103	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 104	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 203	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
General or Music Elective		1
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 204	Major Applied Study	4
MUS 297	Piano Proficiency	0
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 359	Conducting I	2
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
General Elective		1
<b>Hours</b>		<b>15.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 303	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 347	Analysis I	2
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 371	Piano Pedagogy I	3
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
General or Music Elective		1
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 304	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 372	Piano Pedagogy II	3

MUS 119	Minor Ensembles (Piano Ensemble)	0.5
MUS 397	Junior Recital	0
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>14.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 403	Major Applied Study	4
MUS 109	Major Ensembles	1
Advanced Theory Course from specified list		2
MUS 561	Literature (Piano Literature I)	2
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
General or Music Elective		1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 404	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 562	Literature	2
Advanced Theory Course from specified list		2
MUS 497	Senior Recital - CUE (CUE)	0
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>122</b>

## Piano Performance with a Track in Piano Pedagogy

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 101	Major Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 102	Major Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
ENGL 102	Intermediate College Writing - WC	3
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>17.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 201	Major Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Arts & Humanities - AH		3

General or Music Electives		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 202	Major Applied Study	2
MUS 297	Piano Proficiency	0
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 359	Conducting I	2
MUS 97	Recital Attendance (MUS 97-01)	0
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>15.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 301	Major Applied Study	2
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
MUS 371	Piano Pedagogy I	3
General or Music Electives		3
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 302	Major Applied Study	2
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 119	Minor Ensembles (Piano Ensemble)	0.5
MUS 372	Piano Pedagogy II	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>12.5</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 413	Principal Applied Study	4
MUS 109	Major Ensembles	1
Advanced Theory Course from specified list		2
MUS 471	Piano Pedagogy III	3
MUS 561	Literature (Piano Literature I)	2
MUS 475	Pedagogy Practicum I	1
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
MUS 414	Principal Applied Study	4
MUS 109	Major Ensembles	1
MUS 472	Piano Pedagogy IV	3
MUS 562	Literature (Piano Literature II)	2
MUS 476	Pedagogy Practicum II	1
Advanced Theory Course from specified list		2
MUS 497	Senior Recital - CUE (CUE)	0
<b>Hours</b>		<b>13</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.

3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music Theory (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Music Theory

Unit: Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): MUSIBM\_MUT

## Program Information

The Bachelor of Music in Theory degree is designed for students interested in understanding and eventually teaching music theory. Many of the graduates of this degree will pursue graduate studies in music theory. In addition to those goals common to all professional baccalaureate degrees in music, students in music theory develop an advanced capability for music analysis, including sophisticated communication skills about analysis and the ability to analyze a musical work from multiple perspectives. Students also develop a sophisticated knowledge of the relationship between music theory and music composition, including the ability to compose music with acoustic and digital sources, and with a degree of technical mastery of music notation, arranging, and computer notation. Theory majors use the tools of music analysis and theoretical research, including keyboard, knowledge of foreign languages, and bibliographic tools. Research techniques and effective written and oral communication skills must be demonstrated by the development and presentation of a senior paper.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	47

Program/Major Requirements	27
Supporting Courses	15
<b>Minimum Total Hours</b>	<b>120</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 131	Piano Class <sup>5,6</sup>	1
MUS 132	Piano Class <sup>5,6</sup>	1
MUS 231	Piano Class III <sup>5,6</sup>	1
MUS 347	Analysis I	2
MUS 111	Principal Applied Study	2
MUS 112	Principal Applied Study	2
MUS 211	Principal Applied Study	2
MUS 212	Principal Applied Study	2
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>47</b>

## Program/Major Requirements

Code	Title	Hours
<b>Music Theory Requirements</b>		
MUS 145	Secondary Composition	4
& MUS 146	Secondary Composition	
MUS 267	Music Theory Seminar (six 1/2 hour courses)	3
MUS 552	Pedagogy of Theory	2
	One course chosen from the following in consultation with the advisor and private instructor:	2
MUS 345	Orchestral Scoring	
MUS 346	Band/Choral Scoring	
MUS 545	Advanced Instrumental Scoring	
MUS 348	Analysis II	2
MUS 547	Chromatic Harmony and Analysis	4
& MUS 548	Post-Tonal Theory and Analysis	
MUS 549	Renaissance Counterpoint	4
& MUS 550	Baroque Counterpoint	
MUS 270	Creative Audio Recording and Production Techniques	2
MUS 498	Thesis Guidance - CUE (CUE)	4
<b>Minimum Total Hours</b>		<b>27</b>

Code	Title	Hours
<b>Supporting Courses</b>		
MUS 359	Conducting I	2
MUS 325	Arts Instrument	2
& MUS 326	Arts Instrument (&)	
MUS 425	Arts Instrument	2
& MUS 426	Arts Instrument (&)	
GERM 121		4
MUS 129	Cardinal Singers	0.5
or MUS 119	Minor Ensembles	
Electives <sup>8</sup>		4.5
<b>Minimum Total Hours</b>		<b>15</b>

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are

determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

**Code Title Hours**  
**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:  
MUS 498 Thesis Guidance - CUE

- 1 Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB.
- 2 MUH courses may not be taken to fulfill any General Education requirement.
- 3 Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142 Theory II, must enroll in MUS 92 Musicianship I for the spring semester. Credits for MUS 92 do not count toward the degree.
- 4 Strings take section 01, others solely dependent on the ensemble audition.
- 5 If applied principal is piano, Piano Class is replaced with 3 hours of electives. For students with a piano background, three semesters of MUS 121-MUS 221 (Secondary Piano) may be substituted.
- 6 Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the proficiency exam requirement is complete.  
Students must be enrolled continuously in Piano Class until their requirement has been completed. Those who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits. Entering students who have a background in piano may register for MUS 297 Piano Proficiency for one semester with approval of the Keyboard Area.
- 7 Theory majors are strongly advised to take a second semester of German.
- 8 Music electives in any Bachelor of Music degree should be chosen from courses in Music History, Music Theory/Composition, Music Education, Music Literature, Music Pedagogy, Music Therapy, Jazz, a secondary applied area, or a non-required ensemble. Courses beyond the degree requirement in the student's major applied area or in the required major ensemble(s) are not appropriate. MUH courses will not be accepted as music electives. School of Music students may count up to two one-hour Physical Education courses toward the general elective requirement.

**Flight Plan**

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class (or Music Elective)	1
MUS 145	Secondary Composition	2
ENGL 101	Introduction to College Writing - WC	3

General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 146	Secondary Composition	2
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III (or Music Elective)	1
MUS 297	Piano Proficiency	0
MUS 267	Music Theory Seminar	0.5
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>14.5</b>
<b>Spring</b>		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUS 267	Music Theory Seminar	0.5
MUS 359	Conducting I	2
MUS 270	Creative Audio Recording and Production Techniques	2
<b>Hours</b>		<b>14.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 325	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 267	Music Theory Seminar	0.5
MUS 345	Orchestral Scoring	2
or MUS 346	or Band/Choral Scoring	
or MUS 545	or Advanced Instrumental Scoring	
MUS 347	Analysis I	2
MUS 119	Minor Ensembles	0.5
or MUS 129	or Cardinal Singers	
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Music or General Elective		1
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 326	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 267	Music Theory Seminar	0.5
MUS 346	Band/Choral Scoring (Only if student did not take MUS 345 or MUS 545)	
MUS 348	Analysis II	2
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
PAS 214	African-American Music - AH, D1	3
<b>Hours</b>		<b>13.5</b>

**Year 4**

Fall		
MUS 425	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 549	Renaissance Counterpoint	2
MUS 548	Post-Tonal Theory and Analysis	2
MUS 267	Music Theory Seminar	0.5
GERM 121		
Music or General Electives		
General Education: Cardinal Core Arts & Humanities - AH		

**Hours 11.5**

**Spring**

MUS 426	Arts Instrument	1
MUS 109	Major Ensembles	1
MUS 550	Baroque Counterpoint	2
MUS 547	Chromatic Harmony and Analysis	2
MUS 267	Music Theory Seminar	0.5
MUS 552 Pedagogy of Theory		
Music or General Electives		
MUS 498	Thesis Guidance - CUE (CUE)	4

**Hours 14**

**Minimum Total Hours 116**

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Music Therapy (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Music Therapy

Unit: Music (<http://www.louisville.edu/music/>)

Academic Plan Code(s): See Track Requirements tab

## Program Information

The music therapy program is designed for students who want to provide therapeutic services to people using music. Students must be strong musicians and find satisfaction in using music to help with non-music areas and skills, rather than as a goal in itself. Students' music skills will expand during their music therapy course work from performing on their principal instrument to also including functional piano, guitar, and voice skills, using other accompanying instruments such as the Q-chord and autoharp, and developing skill in using percussion instruments. The music therapy program requires good intellectual skills as music therapists are required to use analytical skills in determining clinical goals and writing skills in documentation.

Music therapy majors may work with any age group and with people with a variety of disabilities. As a member of a therapeutic team or private practitioner, the music therapist participates in the analysis of individual problems and the establishment of treatment goals before planning and carrying out music-related treatment. Music therapists may also do administration in various health-related settings and, with advanced degrees, may become university faculty.

## Degree Summary

### Emphasis in Music Therapy (MUTHBM)

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		47
Program/Major Requirements		30
Supporting Courses		24
<b>Minimum Total Hours</b>		<b>132</b>

## Emphasis in Music Therapy with track in Jazz Studies (MUTHBMJAZ)

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		47
Program/Major Requirements (including track course work)		29
Supporting Area and Track Courses		38
<b>Minimum Total Hours</b>		<b>145</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 and ANTH 205 to satisfy some of the General Education requirements. COMM 115 is suggested for satisfying the Oral Communication requirement.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## Degree Requirements

The Music Therapy curriculum meets the competency requirements of the American Music Therapy Association (AMTA). Students must complete a minimum of 1200 hours of clinical training which includes at least 180 hours in pre-internship experiences and at least 900 hours in internship experiences. Students completing the Music Therapy curriculum are eligible to take the examination to become a Board Certified Music Therapist, offered by the Certification Board for Music Therapists.

A person who already has a bachelor's degree from an accredited institution and who wishes to become a music therapist may take the courses not already taken that are required for music therapy certification, known as "equivalency" courses since they provide the equivalent of an undergraduate degree. The music therapy equivalency program leads to eligibility to apply to become a Board Certified Music Therapist but does not lead to a degree. Specific course requirements, based on the student's transcript and experiences, are determined in conjunction with the Director of Music Therapy.

Students must demonstrate experience and competence in the use of percussion instruments and in the use of computers and music as appropriate for music therapists.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>		31
The following courses are required by this program and should be used to fulfill the respective General Education Requirement:		
PAS 214	African-American Music - AH, D1	
ANTH 205	Music in World Cultures - D2, SB	
COMM 115	Interpersonal Skills - OC (suggested)	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting

coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<i>School of Music Program Courses</i>		
<b>Music Theory</b> <sup>3</sup>		<b>16</b>
MUS 141	Theory I	
MUS 142	Theory II	
MUS 241	Theory III	
MUS 242	Theory IV	
<b>Music Literature</b>		<b>9</b>
MUS 361	Music Literature I (1000-1750)	
MUS 362	Music Literature II (Classical & Early Romantic Music)	
MUS 363	Music Literature III (1860-present)	
<b>Principal Ensemble (eight 1-hour courses)</b> <sup>4</sup>		<b>8</b>
MUS 109	Major Ensembles	
<b>Applied Lessons</b>		<b>8</b>
<i>(Eight 1-hour courses, four 2-hour courses, or a combination of the two)</i>		
1-hour courses:		
MUS 125 & MUS 126 & MUS 225 & MUS 226 & MUS 325 & MUS 326 & MUS 425 & MUS 426	Arts Instrument Arts Instrument Arts Instrument Arts Instrument Arts Instrument Arts Instrument Arts Instrument Arts Instrument	
- and/or -		
2-hour courses:		
MUS 111 & MUS 112 & MUS 211 & MUS 212	Principal Applied Study Principal Applied Study Principal Applied Study Principal Applied Study	
- and/or - FOR STUDENTS WITH A TRACK IN JAZZ STUDIES		
2-hour courses:		
MUS 105 & MUS 106 & MUS 205 & MUS 206	Jazz Applied Jazz Applied Jazz Applied Jazz Applied	
<b>Piano Class (three 1-hour courses)</b> <sup>5,6</sup>		<b>3</b>
MUS 131 & MUS 132 & MUS 231	Piano Class Piano Class Piano Class III	
MUS 97	Recital Attendance (four semesters of "S" required, non-credit)	0
MUS 347 or MUS 349	Analysis I (MUS 349 for Jazz Track students) Jazz Analysis	2
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>47</b>

## Program/Major Requirements

### Music Therapy

Academic Plan Code(s): MUTHBM

Code	Title	Hours
<i>Music Therapy Requirements</i>		
MUTH 101	Introduction to Music Therapy	1
MUTH 201 & MUTH 202	Music Therapy Techniques I Music Therapy Techniques II	6
MUTH 113 & MUTH 213 & MUTH 214 & MUTH 313	Clinical Applications I-Music & Leadership Techniques Clinical Applications II-Clinical Repertoire: Group Clinical Applications III-Clinical Repertoire: Individual Clinical Applications IV-Advanced	2
MUTH 301	Psychology of Music	3
MUTH 311	Improvisation for Music Therapy I	1
MUTH 321 & MUTH 322 & MUTH 421 & MUTH 422	Practicum I-Treatment Planning Practicum II-Assessment and Outcomes Practicum III-Professional Development Practicum IV-Seminar	4
MUTH 431 & MUTH 432	Principles and Practices of Music Therapy I Principles and Practices of Music Therapy II	6
MUTH 302	Introduction to Research in Music Therapy	3
MUTH 325 & MUTH 326	Music Therapy Training Group I Music Therapy Training Group II	2
MUTH 451	Music Therapy Internship - CUE (CUE) <sup>7</sup>	2
<b>Minimum Total Hours</b>		<b>30</b>

Code	Title	Hours
<b>Supporting Courses<sup>8</sup></b>		
MUS 217 & MUS 218	Class Guitar I for Music Therapy Class Guitar II for Music Therapy (&)	4
MUS 133 & MUS 134	Functional Study Functional Study (&)	2
MUS 219	Class Ukulele	1
MUS 227 or MUS 123	Voice Class <sup>9, 10</sup> Diction	1
PSYC 201	Introduction to Psychology - SB	3
PSYC 306	Life Span Developmental Psychology	3
PSYC 308	Abnormal Psychology	3
MUTH 328	Anatomy & Physiology for Music Therapy	3
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education	1
EDSP 240	Introduction to Exceptional Children	3
<b>Minimum Total Hours</b>		<b>24</b>

#### Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361; 4

semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUTH 451	Music Therapy Internship - CUE	
<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Minimum Total Hours, BM with Emphasis in Music Therapy</b>		<b>132</b>

### Music Therapy with a Track in Jazz Studies

Academic Plan Code(s): MUTHBM\_JAZ

Code	Title	Hours
<i>Music Therapy Requirements</i>		
MUTH 101	Introduction to Music Therapy	1
MUTH 201 & MUTH 202	Music Therapy Techniques I Music Therapy Techniques II	6
MUTH 113 & MUTH 213 & MUTH 214 & MUTH 313	Clinical Applications I-Music & Leadership Techniques Clinical Applications II-Clinical Repertoire: Group Clinical Applications III-Clinical Repertoire: Individual Clinical Applications IV-Advanced	2
MUTH 301	Psychology of Music	3
MUTH 321 & MUTH 322 & MUTH 421 & MUTH 422	Practicum I-Treatment Planning Practicum II-Assessment and Outcomes Practicum III-Professional Development Practicum IV-Seminar	4
MUTH 431 & MUTH 432	Principles and Practices of Music Therapy I Principles and Practices of Music Therapy II	6
MUTH 302	Introduction to Research in Music Therapy	3
MUTH 325 & MUTH 326	Music Therapy Training Group I Music Therapy Training Group II	2
MUTH 451	Music Therapy Internship - CUE (CUE) <sup>7</sup>	2
<b>Minimum Total Hours</b>		<b>29</b>

Code	Title	Hours
<b>Supporting Area; Track Courses<sup>8</sup></b>		
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUS 138 & MUS 340	Jazz Improvisation Jazz Improvisation II (&)	4

MUS 217 & MUS 218	Class Guitar I for Music Therapy Class Guitar II for Music Therapy (&)	4
MUS 133 & MUS 134	Functional Study Functional Study (Functional Guitar)	2
MUS 219	Class Ukulele	1
MUS 227 or MUS 123	Voice Class <sup>9, 10</sup> Diction	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style & Analysis )	2
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
MUS 352	Jazz Repertoire	2
MUS 355	The Evolution of Jazz	3
PSYC 201	Introduction to Psychology - SB	3
PSYC 306	Life Span Developmental Psychology (previously PSYC 363)	3
PSYC 308	Abnormal Psychology (previously PSYC 385)	3
MUTH 328	Anatomy & Physiology for Music Therapy	3
EDSP 240	Introduction to Exceptional Children	3
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education	1

**Minimum Total Hours 38**

**Upper Division Assessment**

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance, with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional Gen Ed courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies, music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the division and area faculties and are outlined in the *Music Student Handbook* and the various Division handbooks.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUTH 451	Music Therapy Internship - CUE	
Code	Title	Hours
<b>Minimum Total Hours, BM with Emphasis in Music Theory with a track in Jazz Studies</b>		<b>145</b>

<sup>1</sup> Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB. In addition, Music Therapy majors should consider COMM 115 Interpersonal Skills - OC to satisfy the Oral Communication content.

- <sup>2</sup> MUH courses may not be taken to fulfill any General Education requirement.
- <sup>3</sup> Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142 Theory II, must enroll in MUS 92 Musicianship I for the spring semester. Credits for MUS 92 do not count toward the degree.
- <sup>4</sup> Strings take Section 01, others solely dependent on the ensemble audition. Jazz Studies track students take six 1-hour courses of Jazz Ensemble plus two 1-hour courses of other Major Ensemble.
- <sup>5</sup> If the Applied Principal is piano, Piano Class is replaced with 3 hours of electives.
- <sup>6</sup> Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the proficiency exam requirement is complete. Students must be enrolled continuously in Piano Class until their requirement has been completed. Those who pass the Piano Proficiency Examination before the end of the third semester of Piano Class may replace the requirement with electives or with secondary piano if faculty load permits. Entering students who have a background in piano may register for MUS 297 Piano Proficiency for one semester with approval of the Keyboard Area.
- <sup>7</sup> The internship is done after all other music therapy course work has been completed. The American Music Therapy Association requires that a student receive a grade of C- or better in all music therapy courses in order to be eligible for the internship. It must be completed within 24 months of completion of music therapy course work. However, the School of Music will not accept work below a C (not a C-minus) in a major subject.
- <sup>8</sup> Music Therapy students will require a C (not C-minus) grade in order to pass Supportive Area courses.
- <sup>9</sup> Music Therapy degree students may substitute Voice study at the functional level, MUS 133, for MUS 227 Voice Class at the discretion of the voice faculty.
- <sup>10</sup> MUS 123 Diction is required for all applied voice students.

**Flight Plan, BM in Music Therapy**

Flight Plans for the tracks in Jazz Studies are on the following tabs (Jazz Flight Plans, Even and Jazz Flight Plans, Odd).

**Music Therapy**

Academic Plan Code(s): MUTHBM

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 111	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance	0
MUS 131	Piano Class	1
MUS 217	Class Guitar I for Music Therapy	2
MUTH 101	Introduction to Music Therapy	1
ENGL 101	Introduction to College Writing - WC	3
<b>Hours</b>		<b>15</b>

Spring		
MUS 112	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance	0
MUS 132	Piano Class	1
MUS 218	Class Guitar II for Music Therapy	2
MUTH 113	Clinical Applications I-Music & Leadership Techniques	0.5
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16.5</b>

Year 2		
Fall		
MUS 211	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance	0
MUS 231	Piano Class III (or Music Elective)	1
MUS 297	Piano Proficiency	0
MUTH 201	Music Therapy Techniques I	3
MUTH 213	Clinical Applications II-Clinical Repertoire: Group	0.5
MUS 123	Diction	1
or MUS 227	or Voice Class	
PSYC 201	Introduction to Psychology - SB	3
<b>Hours</b>		<b>15.5</b>

Spring		
MUS 212	Principal Applied Study	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance	0
MUTH 202	Music Therapy Techniques II	3
MUTH 214	Clinical Applications III-Clinical Repertoire: Individual	0.5
COMM 115	Interpersonal Skills - OC (Interpersonal Skills - OC (suggested))	3
<b>Hours</b>		<b>16.5</b>

Year 3		
Fall		
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
MUTH 301	Psychology of Music	3
MUTH 313	Clinical Applications IV-Advanced	0.5
MUTH 321	Practicum I-Treatment Planning	1
MUTH 325	Music Therapy Training Group I	1
PSYC 306	Life Span Developmental Psychology	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>17.5</b>

Spring		
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUTH 302	Introduction to Research in Music Therapy	3
MUTH 322	Practicum II-Assessment and Outcomes	1
MUTH 326	Music Therapy Training Group II	1
ANTH 205	Music in World Cultures - D2, SB	3
MUS 219	Class Ukulele	1
PSYC 308	Abnormal Psychology	3
MUTH 311	Improvisation for Music Therapy I	1
<b>Hours</b>		<b>17</b>

Year 4		
Fall		
MUS 109	Major Ensembles	1
MUTH 431	Principles and Practices of Music Therapy I	3
MUTH 421	Practicum III-Professional Development	1
MUS 133	Functional Study (Guitar)	1
EDSP 240	Introduction to Exceptional Children	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>

Spring		
MUS 109	Major Ensembles	1
MUTH 328	Anatomy & Physiology for Music Therapy	3
MUTH 422	Practicum IV-Seminar	1
MUTH 432	Principles and Practices of Music Therapy II	3
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education	1
MUS 134	Functional Study (Guitar)	1
PAS 214	African-American Music - AH, D1	3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>

Year 5		
Fall		
MUTH 451	Music Therapy Internship - CUE	2
<b>Hours</b>		<b>2</b>
<b>Minimum Total Hours</b>		<b>132</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

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### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Flight Plan, BM in Music Therapy, Track in Jazz Studies, Even-Year Starts

A four-year Flight Plan without a track in Jazz Studies is on the preceding tab (Flight Plan).

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered

years (e.g., 2018, 2020, 2022, etc.). Students starting in odd-numbered years should refer to the Jazz Flight Plan, Odd tab.

## Music Therapy with a track in Jazz Studies

Academic Plan Code(s): MUTHBM\_JAZ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of even-numbered years (e.g., 2018, 2020, 2022, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 131	Piano Class (or Music Elective)	1
MUTH 101	Introduction to Music Therapy	1
ENGL 101	Introduction to College Writing - WC	3
MUS 217	Class Guitar I for Music Therapy	2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 132	Piano Class (or Music Elective)	1
MUS 138	Jazz Improvisation	2
MUTH 113	Clinical Applications I-Music & Leadership Techniques	0.5
ENGL 102	Intermediate College Writing - WC	3
MUS 218	Class Guitar II for Music Therapy	2
<b>Hours</b>		<b>15.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 231	Piano Class III (or Music Elective)	1
MUS 297	Piano Proficiency	0
MUTH 201	Music Therapy Techniques I	3
MUTH 213	Clinical Applications II-Clinical Repertoire: Group	0.5
MUS 227	Voice Class	1
MUS 340	Jazz Improvisation II	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 206	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-06)	0
MUTH 202	Music Therapy Techniques II	3
MUTH 214	Clinical Applications III-Clinical Repertoire: Individual	0.5
PSYC 201	Introduction to Psychology - SB	3
<b>Hours</b>		<b>16.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1

MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347	Analysis I	2
or MUS 349	or Jazz Analysis	
MUTH 301	Psychology of Music	3
MUTH 313	Clinical Applications IV-Advanced	0.5
MUTH 321	Practicum I-Treatment Planning	1
MUTH 325	Music Therapy Training Group I	1
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUTH 302	Introduction to Research in Music Therapy	3
MUTH 322	Practicum II-Assessment and Outcomes	1
MUTH 326	Music Therapy Training Group II	1
MUS 219	Class Ukulele	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis)	2
PSYC 308	Abnormal Psychology	3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUTH 431	Principles and Practices of Music Therapy I	3
MUTH 421	Practicum III-Professional Development	1
MUS 352	Jazz Repertoire	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUTH 328	Anatomy & Physiology for Music Therapy	3
MUTH 422	Practicum IV-Seminar	1
MUTH 432	Principles and Practices of Music Therapy II	3
MUS 133	Functional Study (Guitar)	1
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education	1
PAS 214	African-American Music - AH, D1	3
PSYC 306	Life Span Developmental Psychology	3
<b>Hours</b>		<b>16</b>
<b>Year 5</b>		
<b>Fall</b>		
MUS 134	Functional Study (Guitar)	1
MUS 355	The Evolution of Jazz	3
EDSP 240	Introduction to Exceptional Children	3
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUTH 451	Music Therapy Internship - CUE	2
<b>Hours</b>		<b>2</b>
<b>Minimum Total Hours</b>		<b>145</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan

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**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Flight Plan, BM in Music Therapy, Track in Jazz Studies, Odd-Year Starts

A four-year Flight Plan without a track in Jazz Studies is on the preceding tab (Flight Plan).

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.). Students starting in even-numbered years should refer to the Jazz Flight Plan, Even tab.

### Music Therapy with a track in Jazz Studies

Academic Plan Code(s): MUTHBM\_JAZ

The four-year plan of study listed below is applicable for students who begin their academic programs in the fall semester of odd-numbered years (e.g., 2019, 2021, 2023, etc.).

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 105	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 131	Piano Class (or Music Elective)	1
MUTH 101	Introduction to Music Therapy	1
ENGL 101	Introduction to College Writing - WC	3
MUS 217	Class Guitar I for Music Therapy	2
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MUS 106	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 132	Piano Class (or Music Elective)	1
MUS 138	Jazz Improvisation	2
MUTH 113	Clinical Applications I-Music & Leadership Techniques	0.5
ENGL 102	Intermediate College Writing - WC	3

MUS 218	Class Guitar II for Music Therapy	2
<b>Hours</b>		<b>15.5</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 205	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-06)	0
MUS 231	Piano Class III (or Music Elective)	1
MUS 297	Piano Proficiency	0
MUTH 201	Music Therapy Techniques I	3
MUTH 213	Clinical Applications II-Clinical Repertoire: Group	0.5
MUS 227	Voice Class	1
MUS 340	Jazz Improvisation II	2
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 206	Jazz Applied	2
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 97	Recital Attendance (MUS 97-06)	0
MUTH 202	Music Therapy Techniques II	3
MUTH 214	Clinical Applications III-Clinical Repertoire: Individual	0.5
PSYC 201	Introduction to Psychology - SB	3
<b>Hours</b>		<b>16.5</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 347 or MUS 349	Analysis I or Jazz Analysis	2
MUTH 301	Psychology of Music	3
MUTH 313	Clinical Applications IV-Advanced	0.5
MUTH 321	Practicum I-Treatment Planning	1
MUTH 325	Music Therapy Training Group I	1
MUS 351	Studies in Jazz (MUS 351-02 Jazz Theory)	2
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>16.5</b>
<b>Spring</b>		
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUTH 302	Introduction to Research in Music Therapy	3
MUTH 322	Practicum II-Assessment and Outcomes	1
MUTH 326	Music Therapy Training Group II	1
MUS 219	Class Ukulele	1
MUS 351	Studies in Jazz (MUS 351-01 Jazz Style and Analysis)	2
PSYC 308	Abnormal Psychology	3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 109	Major Ensembles	1
MUS 130	Jazz Piano Class	1
MUS 198	Jazz Piano Proficiency	0
MUTH 431	Principles and Practices of Music Therapy I	3
MUTH 421	Practicum III-Professional Development	1
MUS 352	Jazz Repertoire	2
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15</b>

Spring		
MUS 109	Major Ensembles	1
MUTH 328	Anatomy & Physiology for Music Therapy	3
MUTH 422	Practicum IV-Seminar	1
MUTH 432	Principles and Practices of Music Therapy II	3
MUS 133	Functional Study (Guitar)	1
MUED 405	Introduction to Orff Schulwerk: Music and Movement Education	1
PAS 214	African-American Music - AH, D1	3
PSYC 306	Life Span Developmental Psychology	3
<b>Hours</b>		<b>16</b>
Year 5		
Fall		
MUS 134	Functional Study (Guitar)	1
MUS 355	The Evolution of Jazz	3
EDSP 240	Introduction to Exceptional Children	3
ANTH 205	Music in World Cultures - D2, SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
Spring		
MUTH 451	Music Therapy Internship - CUE	2
<b>Hours</b>		<b>2</b>
<b>Minimum Total Hours</b>		<b>145</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

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### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

### The Bachelor of Music Therapy (BM) program

prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information>

(<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Music Vocal Performance (BM)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Music with Emphasis in Vocal Performance

Unit: Music (<http://www.louisville.edu/music/>)  
Academic Plan Code(s): MUSIBM\_VOC

### Program Information

The Bachelor of Music in Vocal Performance degree is appropriate for students who wish to prepare for a career in music performance and related fields. Among the particular career emphases for which the BM in Vocal Performance is an appropriate preparation are professional performer, university teacher, private music studio teacher, or pre-professional preparation for music teacher certification study.

Most graduates will continue to develop their skills through further study. Students who have completed the BM in Vocal Performance at UofL typically do very well in gaining admission to strong graduate programs nationwide.

### Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		47
Program/Major Requirements		31
Supporting Courses		20
<b>Minimum Total Hours</b>		<b>129</b>

<sup>1</sup> While not included in the School or Program coursework requirements, students are expected to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB to satisfy some of the General Education requirements.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students in this unit are admitted directly into their degree program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1,2</sup>	31

The following courses are required by this program and should be used to fulfill the respective General Education Requirement:

PAS 214	African-American Music - AH, D1
ANTH 205	Music in World Cultures - D2, SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>School of Music Requirements</b>		
MUS 141	Theory I <sup>3</sup>	4
MUS 142	Theory II <sup>3</sup>	4
MUS 241	Theory III	4
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 363	Music Literature III (1860-present)	3
MUS 109	Major Ensembles (eight 1-hour courses) <sup>4</sup>	8
MUS 97	Recital Attendance (four semesters of "S")	0
MUS 131	Piano Class	1
MUS 132	Piano Class	1
MUS 231	Piano Class III <sup>5</sup>	1
MUS 347	Analysis I	2
MUS 104	Major Applied Study	4
MUS 203	Major Applied Study	4
MUS 100	Introduction to Music Study	1
MUS 297	Piano Proficiency	0
<b>Minimum Total Hours</b>		<b>47</b>

## Program/Major Requirements

Code	Title	Hours
<b>Vocal Performance Requirements</b>		
MUS 101	Major Applied Study	2
MUS 204	Major Applied Study	4
MUS 303	Major Applied Study	4
MUS 304	Major Applied Study	4
MUS 403	Major Applied Study	4
MUS 404	Major Applied Study	4
MUS 561	Literature (Vocal Literature I)	2

MUS 562	Literature (Vocal Literature II)	2
MUS 123	Diction	1
MUS 124	Diction	1
MUS 571	Pedagogy (Voice Pedagogy)	2
MUS 119	Minor Ensembles (two ½ hour courses of Opera Workshop)	1
MUS 497	Senior Recital - CUE <sup>6</sup>	0

**Minimum Total Hours 31**

Code	Title	Hours
<b>Supporting Courses</b>		
MUS 121	Secondary Applied Study	1
MUS 122	Secondary Applied Study	1
MUS 359	Conducting I	2

### Foreign Language

Select two of the following sequences: 16

Sequence One:

ITAL 121	Basic Italian I
& ITAL 122	Basic Italian II (&)

Sequence Two:

GERM 121	(&)
& GERM 122	

Sequence Three:

FREN 121	Basic French I
& FREN 122	Basic French II (&)

**Minimum Total Hours 20**

## Upper Division Assessment

All students enrolled in a music degree program will be reviewed at the approximate midpoint of the selected program in order for students to achieve Upper Division status. Students must meet the standards of this review to register for 400-level courses in music. Both the elements and standards of the review are established by the faculty and include credit for MUS 242 Theory IV or Analysis (MUS 347 for BA General; MUS 349 for BA Jazz Studies; MUS 350 for BA Music & New Media); MUS 361 ; 4 semesters of Applied Instrument at the course numbers required for the degree; Piano Proficiency Examination; MUS 97 Recital Attendance , with a grade of S for 4 semesters; Ensemble participation; cumulative 2.5 GPA (good standing); minimum of 48 credit hours completed; pass ENGL 101 or ENGL 105; and 3 additional General Education/Cardinal Core courses.

Additional specific elements and standards appropriate to specific degree programs in jazz studies (including jazz performance, music education and music therapy with tracks in jazz studies, and the BA in jazz studies), music composition, music education, music history, instrumental and vocal performance, pedagogy, music theory, and music therapy are required of students in order to achieve Upper Division status and to continue in the degree program. Specific degree requirements are determined by the concentration and area faculties and are outlined in the *Undergraduate Student Handbook*.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
MUS 497	Senior Recital - CUE	

- 1 Students are required to take PAS 214 African-American Music - AH, D1 and ANTH 205 Music in World Cultures - D2, SB.
- 2 MUH courses may not be taken to fulfill any General Education requirement.
- 3 Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 Fundamentals of Music I for 0 credit concurrently with MUS 141 Theory I. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142 Theory II, must enroll in MUS 92 Musicianship I for the spring semester. Credits for MUS 92 do not count toward the degree.
- 4 Solely dependent on the ensemble audition. Two semesters of Opera Theater are recommended.
- 5 Students will take the Piano Proficiency Examination at the end of MUS 231. Any student not completing the Piano Proficiency Examination will be required to take MUS 232 until the proficiency exam requirement is complete.
- 6 The Senior Recital is considered to be the senior capstone/ culminating experience for the BM degree in Vocal Performance and is accompanied by written program notes which are to be approved by the applied teacher and one other faculty member.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
MUS 100	Introduction to Music Study	1
MUS 101	Major Applied Study	2
MUS 109	Major Ensembles	1
MUS 141	Theory I	4
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 123	Diction	1
MUS 131	Piano Class	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MUS 104	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 142	Theory II	4
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 124	Diction	1
MUS 132	Piano Class	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
MUS 203	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 241	Theory III	4
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 231	Piano Class III	1
MUS 297	Piano Proficiency	0
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
MUS 204	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 242	Theory IV	4
MUS 361	Music Literature I (1000-1750)	3
MUS 359	Conducting I	2
MUS 97	Recital Attendance (MUS 97-02)	0
MUS 121	Secondary Applied Study (Piano)	1
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
MUS 303	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 347	Analysis I	2
MUS 362	Music Literature II (Classical & Early Romantic Music)	3
MUS 561	Literature (Vocal Literature)	2
MUS 122	Secondary Applied Study (Piano)	1
MUS 119	Minor Ensembles (Opera Workshop)	0.5
Foreign Language (Sequence 1a)		4
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 304	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 363	Music Literature III (1860-present)	3
MUS 562	Literature (Vocal Literature)	2
Foreign Language (Sequence 1b)		4
<b>Hours</b>		<b>14</b>
<b>Year 4</b>		
<b>Fall</b>		
MUS 403	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 119	Minor Ensembles (Opera Workshop)	0.5
MUS 571	Pedagogy (Voice Pedagogy)	2
Foreign Language (Sequence 2a)		4
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
MUS 404	Major Applied Study	4
MUS 109	Major Ensembles	1
MUS 497	Senior Recital - CUE (CUE)	0
Foreign Language (Sequence 2b)		4
PAS 214	African-American Music - AH, D1	3
ANTH 205	Music in World Cultures - D2, SB	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>129</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.

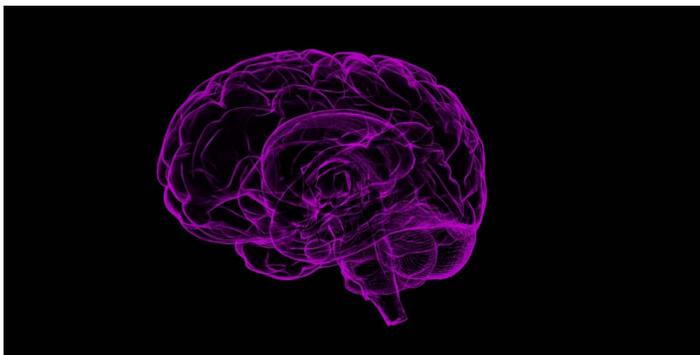
- To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Neuroscience (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Neuroscience

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)  
Department: Psychological and Brain Sciences (<http://louisville.edu/psychology/>); Anatomical Sciences and Neurobiology (<http://louisville.edu/medicine/departments/anatomy/>)  
Academic Plan Code(s): NEURBS

## Program Information

The Bachelor of Science in Neuroscience (BS in Neuroscience) is an interdisciplinary degree with a STEM+Health focus. The program trains students to critically assess and analyze ideas and concepts from the diverse disciplines that contribute to the field of neuroscience. Students achieve an in-depth understanding of nervous system function, from the molecular level to the cognitive sciences, and become familiar with the techniques used to measure nervous system function from the cellular level to the whole brain.

Graduates of this program are poised for careers in a wide variety of areas, including neuroscience and health-related fields, the social sciences, and the biological sciences. This program also prepares students for advanced-degree study in graduate school and professional degree programs.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

College/School Requirements	13-15
Program/Major Requirements <sup>1</sup>	36
Supporting Coursework	41
<b>Minimum Total Hours</b>	<b>121-123</b>

- <sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

## Admission Requirements

Requirements for admission to the BS in Neuroscience:

- Complete PSYC 201 or (equivalent) and PSYC 305, earning a grade of C or higher.
- Complete Statistics Requirement (PSYC 301 or BIOL 350), earning a grade of C or higher. Completion of MATH 180 or MATH 205 is required for the degree. For admission to the major, students must have completed the necessary math coursework, or have a math placement score, to satisfy the prerequisites to enroll in MATH 180 or MATH 205.
- Have an overall cumulative GPA of at least 2.5 (no grades of C-minus or lower in core or supporting coursework may be counted toward requirements for the major).
- Have completed at least 30 hours of degree-applicable credit.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

PSYC 201	Introduction to Psychology - SB
BIOL 240	Unity of Life - S
CHEM 201	General Chemistry I - S
CHEM 207	Introduction to Chemical Analysis I - SL
MATH 180	Elements of Calculus - QR
	or MATH 205 Calculus I - QR

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>1</sup>		6-8

Electives in Humanities or Social Sciences at 300+level<sup>2</sup> 6  
WR - two approved courses at the 300 level or above<sup>3</sup>

**Minimum Total Hours 13-15**

## Program/Major Requirements

Code	Title	Hours
<b>Program Coursework</b>		
PSYC 201	Introduction to Psychology - SB	3
PSYC 301	Statistics for Psychology	3
or BIOL 350	Biostatistics	
PSYC 302	Research Methods for Psychology	3
PSYC 305	Brain and Behavior	3
PSYC 331	Sensation and Perception	3
BIOL 329	Cellular and Molecular Biology	3
PSYC 355	Neuroscience	3
PSYC 382	Cognitive Neuroscience	3
BIOL 465	Principles of Physiology	3
or BE 354	Anatomy and Physiology	
PSYC 492	Undergraduate Psychology Research - CUE (PSYC 495 or ASNB 495 and PSYC 496 or ASNB 496 also fulfills CUE requirement)	3
or ASNB 492	Undergraduate Neuroscience Research CUE - CUE	
ASNB 502	Fundamentals of Neuroscience	3
One of the following:		3
ASNB 514	Molecular Neuroscience	
ASNB 517	Seminar on Developmental Neurobiology	
ASNB 530	Origin of Mammalian Sensory Systems and Comparative Neurobiology	
ASNB 566	Synaptic Organization of the Central Nervous System	

**Minimum Total Hours 36**

Code	Title	Hours
<b>Supporting Courses</b>		
BIOL 240	Unity of Life - S	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
BIOL 242	Diversity of Life - S	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
MATH 180	Elements of Calculus - QR	4
or MATH 205	Calculus I - QR	
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
PHYS 221	Fundamentals of Physics I - S	3
PHYS 222	Fundamentals of Physics II - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
Electives <sup>4</sup>		12
<b>Suggested Electives<sup>6</sup></b>		
BIOL 330	Genetics and Molecular Biology	
BIOL 331	Genetics and Molecular Biology: Laboratory	

BIOL 415	Biology of the Cell - CUE, WR <sup>5</sup>
BIOL 511	Behavioral Endocrinology - CUE, WR <sup>5</sup>
BIOL 540	Metabolic Biochemistry
CHEM 341	Organic Chemistry I
CHEM 343	Organic Chemistry Laboratory I
CHEM 342	Organic Chemistry II
CHEM 344	Organic Chemistry Laboratory II
CHEM 545	Biochemistry I
PHIL 360	Humanizing Technology - AH
PHIL 536	Philosophy of Science
PHIL 358	Mind and Brain
PHIL 580	Foundations of Bioethics
PHIL 581	Current Controversies in Health Care Ethics
PSYC 307	Cognitive Processes
PSYC 306	Life Span Developmental Psychology
PSYC 308	Abnormal Psychology
PSYC 445	Special Topics in Neuroscience - WR

**Minimum Total Hours 41**

Code	Title	Hours
Minimum Total Degree Hours		121-123

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Students must participate in at least 3 hours of a research experience, which may include independent research or directed readings with a neuroscience faculty mentor.

Students who wish to double major in the BS in Neuroscience and the BS in Psychology degrees must complete 18 credit hours toward the Psychology (PSYC) degree that do not count towards meeting the Neuroscience (NS) degree requirements. These 18 credits must include the following courses: PSYC 306, PSYC 307 and PSYC 308. If these courses are taken as electives for the NS degree, additional PSYC courses must be taken in their place. Students must also complete one PSYC CUE course and one NS CUE course. For elective courses that can count toward either degree, the student must specify whether each course will count for NS or for PSYC.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation Requirement)</b>		

Requirement fulfilled by completing one of the following:

PSYC 492	Undergraduate Psychology Research - CUE
or ASNB 492	Undergraduate Neuroscience Research CUE - CUE
PSYC 495	Honors Psychology Research
or ASNB 495	Honors Neuroscience Research
PSYC 496	Honors Psychology Thesis - CUE, WR
or ASNB 496	Honors Neuroscience Thesis - CUE, WR

<sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken

<sup>2</sup> In addition to courses counted toward General Education

<sup>3</sup> May be incorporated into other degree requirements

- <sup>4</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.
- <sup>5</sup> Does not satisfy CUE requirement for the Neuroscience BS
- <sup>6</sup> Students may select any courses they wish to fulfill the elective credits; however, the faculty suggest that students consider taking electives from the provided list as these courses are aligned with training in the discipline or may be required to fulfill preparation for certain degree paths (such as completing the typical pre-med requirements).

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 101	Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
PSYC 201	Introduction to Psychology - SB	3
BIOL 240	Unity of Life - S	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
BIOL 242	Diversity of Life - S	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
PSYC 305	Brain and Behavior	3
<b>Hours</b>		<b>14</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 329	Cellular and Molecular Biology	3
PHYS 221	Fundamentals of Physics I - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
PSYC 355	Neuroscience	3
General Education: Cardinal Core Oral Communication – OC		3
MATH 180 or MATH 205	Elements of Calculus - QR or Calculus I - QR	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 465 or BE 354	Principles of Physiology or Anatomy and Physiology	3
PHYS 222	Fundamentals of Physics II - S	3
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
PSYC 301 or BIOL 350	Statistics for Psychology or Biostatistics	3
General Education: Cardinal Core Arts & Humanities – AH <sup>1</sup>		3
Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
ASNB 502	Fundamentals of Neuroscience	3
PSYC 302	Research Methods for Psychology	3
PSYC 331	Sensation and Perception	3
PSYC 382	Cognitive Neuroscience	3
Foreign Language		3-4
<b>Hours</b>		<b>15-16</b>

<b>Spring</b>		
Select one of the following:		3
ASNB 517	Seminar on Developmental Neurobiology	
ASNB 530	Origin of Mammalian Sensory Systems and Comparative Neurobiology	
ASNB 566	Synaptic Organization of the Central Nervous System	
Foreign Language		3-4
General Education: Cardinal Core Arts & Humanities – AH <sup>1</sup>		3
General Education: Cardinal Core Historical Perspective – SBH <sup>1</sup>		3
300+ Elective Elective in Humanities or Social Sciences		3
<b>Hours</b>		<b>15-16</b>
<b>Year 4</b>		
<b>Fall</b>		
PSYC 492 or ASNB 492	Undergraduate Psychology Research - CUE (PSYC 495 or ASNB 495 also fulfills requirement) or Undergraduate Neuroscience Research CUE - CUE	3
300+ WR Elective		3
300+ Elective Elective in Humanities or Social Sciences		3
300+ Elective		3
Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
300+ WR Elective (PSYC 496 or ASNB 496 also fulfills this requirement)		3
300+ Elective		3
300+ Elective		3
Elective		4
<b>Hours</b>		<b>13</b>
<b>Minimum Total Hours</b>		<b>120-122</b>

<sup>1</sup> At least two of the courses selected to satisfy these General Education/Cardinal Core requirements must also satisfy Diversity requirements (at least once course/3 credits each of U.S./D1 and Global/D2 Diversity coursework).

## Nursing (RN-BSN Online Program) (BSN)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Nursing

Unit: Nursing (<http://www.louisville.edu/nursing/>)  
Academic Plan Code(s): NUR\_BSNUDO

**This program is for students who are already licensed Registered Nurses.**

## Program Information

This program is completed entirely online (<http://louisville.edu/online/programs/bachelors/rn-to-bachelor-of-science-in-nursing/>).

The School of Nursing offers an RN-BSN online curriculum designed by nurses for nurses to reflect the evolving nature of health care. We are dedicated to your success and committed to helping you take the next step in your academic and career advancement. Recently ranked in the top ten RN-BSN online programs by AffordableCollegesOnline (<http://louisville.edu/nursing/news/uofl-online-nursing-program-ranked-among-nation2019s-best/>), our program provides a flexible, cost-effective opportunity for registered nurses with an associate's degree or a nursing diploma to earn a Bachelor of Science in Nursing in as little as 16 months.

Prospective students interested in a first-degree BSN program or individuals with a bachelor's degree in another discipline who are interested in pursuing a degree in Nursing should refer to the Pre-Licensure Nursing (p. 383) program or the Master's Entry into Professional Nursing (<http://catalog.louisville.edu/graduate/programs-study/master-science-nursing/>) program, respectively.

RN-BSN students must present official transcripts of coursework completed from all universities and schools attended.

This program is completed entirely online (<http://louisville.edu/online/programs/bachelors/rn-to-bachelor-of-science-in-nursing/>).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
Ten (10) hours of General Education requirements may be satisfied through coursework required by the degree program.		
	College/School Requirements (pre-professional courses) <sup>1</sup>	29
	RN-BSN Core Courses <sup>1</sup>	31
	Nursing Portfolio	30
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

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## Departmental Admission Requirements

The RN-BSN 100% online program is offered by the University of Louisville's School of Nursing for registered nurses who have an associate degree in nursing (ADN) or a nursing diploma. Students are required to have a minimum undergraduate cumulative grade point average of 2.0 and an RN license without restrictions.

For more information on program requirements and how to apply, please visit the online programs website (<http://louisville.edu/online/programs/bachelors/rn-to-bachelor-of-science-in-nursing/apply/>).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
The following courses are required by the program and fulfill the respective General Education Requirement:		
BIOL 257	Introduction to Microbiology - S	
BIOL 258	Introduction to Microbiology Laboratory - SL	
MATH 109	Elementary Statistics - QR	
NURS 388	Global Health: Disparities and Social Determinants - D2, SB	
<b>Minimum Total Hours</b>		<b>31</b>

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Nursing Pre-Professional Courses</b>		
BIOL 257	Introduction to Microbiology - S	3
BIOL 258	Introduction to Microbiology Laboratory - SL	1
BIOL 260	Human Anatomy & Physiology I	3
BIOL 261	Human Anatomy & Physiology II	3
BIOL 262	Human Anatomy & Physiology Lab	1
MATH 109	Elementary Statistics - QR	3
Free Electives <sup>2</sup>		varies
<b>Minimum Total Hours</b>		<b>29</b>

Note: Students must have a minimum total of 60 credit hours from the pre-professional curriculum (including General Education).

## Program/Major Core

Code	Title	Hours
<b>Online Nursing Courses</b>		
NURS 355	Portfolio Equivalency	30
NURS 381	Foundations for Evidenced-Based Professional Nursing	3
NURS 382	Nursing Research for Evidence-Based Practice	3
NURS 383	Case Management of Individuals and Families	3
NURS 385	Nursing Leadership and Health Policy	4
NURS 387	Pathophysiology and Pharmacotherapeutics for RNs	4
NURS 388	Global Health: Disparities and Social Determinants - D2, SB	3
NURS 470	Community Health Nursing	4
NURS 482	Health Promotion for Individuals, Families, and Communities	3
NURS 488	Leadership Project	2
NURS 476	Community Leadership Practicum - CUE <sup>3</sup>	2
<b>Minimum Total Hours</b>		<b>61</b>

At least 30 of the last 36 credit hours must be completed at the University of Louisville.

All RN-BSN nursing courses are taught online.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation Requirement)</b>		
Requirement fulfilled by completing:		
NURS 476	Community Leadership Practicum - CUE	

- Some courses required in this degree program satisfy multiple requirements. To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program.
- To complete the degree in the minimum number of hours listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements (or decrease the listed electives).
- NURS 473 through fall 2018

The Bachelor of Science in Nursing (NUR BSNUDO) RN to BSN program is for students who are already licensed Registered Nurses or for ADN graduates who are eligible to sit for the NCLEX. This program does not prepare students for licensure in any state.

## Nursing, Pre-Licensure Program (BSN)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Nursing

Unit: Nursing (<http://www.louisville.edu/nursing/>)  
Academic Plan Code(s): NU\_BSN, NURSBSN

## Program Information

The Traditional Bachelor of Science in Nursing program is a four year program that consists of four semesters of lower division course work and four semesters of upper division course work that prepares students for a career in professional nursing by providing a dynamic course of study that is both theoretical and practical. As citizens of a larger community, our focus is to address the complex health care needs of diverse and dynamic populations through nursing education, research, scholarship and service. Our students graduate prepared to demonstrate

excellence in nursing science, practice and leadership in a variety of settings for the benefit of clients across the lifespan and to meet the evolving health care needs of society. Our BSN program also provides the necessary foundation for masters and doctoral degrees in nursing.

Students have access to innovative Patient Simulation and Standardized Patient Centers. Faculty have the highest qualifications and conduct research in their areas of specialization.

By including a core of knowledge in the humanities and the behavioral, physical, and biological sciences, as well as theory and practice of professional nursing graduates of the BSN program will be prepared to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
At least 10 hours of General Education requirements may be satisfied through coursework required by the degree program		
College/School Requirements <sup>1,2</sup>		33-34
Program/Major Requirements		59
<b>Minimum Total Hours</b>		<b>120-121</b>

- To complete the degree in the **minimum number of hours** listed, some hours from the General Education Requirements must be satisfied by courses defined by the unit and/or program. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements. See the Degree Requirements tab for specific coursework.
- NURS 101 is only required for new students with less than 24 earned college credits.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements New Students and Transfer Students

Students are admitted directly into the Lower Division of the Nursing Program.

Please refer to the catalog pages containing the admissions details for the School of Nursing (p. 33).

### Current Students

Students who have completed at least one semester in another school/college of the University of Louisville and have a minimum college grade point average of 2.8 may apply to the School of Nursing. They must complete an online change of major form that can be found in ULink. Students admitted through this process must be advised before registering for courses in their first semester in the nursing program.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
The following courses are required by the program and should be taken to fulfill the respective General Education Requirement:		

CHEM 105	Chemistry for Health Professionals - S or CHEM 201 General Chemistry I - S	
BIOL 257	Introduction to Microbiology - S <sup>2</sup>	
BIOL 258	Introduction to Microbiology Laboratory - SL	
MATH 109	Elementary Statistics - QR	
<b>Minimum Total Hours</b>		<b>31</b>

All degrees require the completion of the University-wide General Education Program (link provided above). Completion of the BSN degree in the minimum number of hours requires using some credit hours from courses included in the school and/or program requirements to satisfy General Education requirements. Additional General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Nursing Pre-Professional Curriculum</b>		
NURS 101	S.T.A.T. for Nursing Students (Success Tips And Techniques) (not required for transfer students with 24+ hours)	0-1
BIOL 257	Introduction to Microbiology - S	3
BIOL 258	Introduction to Microbiology Laboratory - SL	1
BIOL 260	Human Anatomy & Physiology I <sup>2</sup>	3
BIOL 261	Human Anatomy & Physiology II	3
BIOL 262	Human Anatomy & Physiology Lab	1
CHEM 105 or CHEM 201	Chemistry for Health Professionals - S General Chemistry I - S	3-4
PSYC 306	Life Span Developmental Psychology	3
Select one of the following:		3
PHIL 207	Introduction to Philosophy through Cultural Diversity - D2, AH	
PHIL 211	Critical Thinking - AH	
PHIL 222	Contemporary Moral Problems - AH	
PHIL 323	Medical Ethics	
PHIL 325	Feminist Medical Ethics	
HSS 303 or PHEH 331	Human Nutrition Food Composition and Public Health	3
NURS 338	Lifespan Pathophysiology	4
NURS 395	Nursing Pharmacotherapeutics	3
MATH 109	Elementary Statistics - QR	3
or PHST 301	Quantitative Methods in Public Health	
MATH 111	College Algebra - QR <sup>3</sup>	see note
Electives		as needed
<b>Minimum Total Hours</b>		<b>33-34</b>

## Program/Major Requirements

Code	Title	Hours
<b>Nursing Professional Curriculum</b>		
<i>Junior Level</i>		
NURS 344	Community Health Nursing	4

NURS 345	Foundations of Professional Nursing Practice	4
NURS 346	Management of Care of the Adult Health Client I	5
NURS 347	Health Assessment	3
NURS 356	Management of Care of the Adult Health Client II	7
NURS 357	Maternal-Newborn Nursing	4
NURS 358	Nursing Research for Evidence-Based Practice	2
<i>Senior Level</i>		
NURS 481	Child Health Nursing	5
NURS 486	Management of Care of the Adult Health Client III	5
NURS 487	Psychiatric-Mental Health Nursing	5
NURS 491	Transition to Professional Nursing Practice	2
NURS 492	Global Public Health	4
NURS 493	Nursing Leadership and Management	2
NURS 494	Capstone in Professional Nursing Practicum - CUE	7
<b>Minimum Total Hours</b>		<b>59</b>

Code	Title	Hours
<b>Minimum Total Hours, Degree Program<sup>1</sup></b>		<b>120-121</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:		
NURS 494	Capstone in Professional Nursing Practicum - CUE	

- Completion of the degree in the minimum number of hours requires using some credit hours from courses included in the school and/or program requirements to satisfy General Education requirements. Students using other coursework will require additional hours to complete the degree or will reduce the number of available electives.
- BIOL 102 is a prerequisite for BIOL 260, BIOL 261, BIOL 262. BIOL 102 is not required if students have satisfactorily completed BIOL 260, BIOL 257, or any other Biology course at the 200 level or above.
- Nursing math competency requirement. This requirement may alternatively be met with a minimum Math ACT sub-score of 25 or an approved higher level mathematics course; however, additional elective course work may be required to meet the 120 minimum credit hour degree requirement.

## Flight Plan

### Flight Plan With Summer Courses

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
BIOL 102	Biology: Current Issues and Applications - S	3
CHEM 105	Chemistry for Health Professionals - S	4
NURS 101	S.T.A.T. for Nursing Students (Success Tips And Techniques)	1
ENGL 101	Introduction to College Writing - WC	3
MATH 111	College Algebra - QR	3
		<b>Hours</b>
		<b>14</b>
<b>Spring</b>		
BIOL 260	Human Anatomy & Physiology I	3
ENGL 102	Intermediate College Writing - WC	3
MATH 109 or PHST 301	Elementary Statistics - QR or Quantitative Methods in Public Health	3
General Education: Cardinal Core Oral Communication - OC		3

General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective US Diversity - SBHD1		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 261	Human Anatomy & Physiology II	3
BIOL 262	Human Anatomy & Physiology Lab	1
PSYC 201	Introduction to Psychology - SB	3
HSS 303	Human Nutrition	3
or PHEH 331	or Food Composition and Public Health	
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
BIOL 257	Introduction to Microbiology - S	3
BIOL 258	Introduction to Microbiology Laboratory - SL	1
PSYC 306	Life Span Developmental Psychology	3
PHIL Ethics Elective <sup>1</sup>		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>13</b>
<b>Summer</b>		
NURS 338	Lifespan Pathophysiology	4
NURS 395	Nursing Pharmacotherapeutics	3
<b>Hours</b>		<b>7</b>
<b>Year 3</b>		
<b>Fall</b>		
NURS 344	Community Health Nursing	4
NURS 345	Foundations of Professional Nursing Practice	4
NURS 346	Management of Care of the Adult Health Client I	5
NURS 347	Health Assessment	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
NURS 356	Management of Care of the Adult Health Client II	7
NURS 357	Maternal-Newborn Nursing	4
NURS 358	Nursing Research for Evidence-Based Practice	2
<b>Hours</b>		<b>13</b>
<b>Year 4</b>		
<b>Fall</b>		
NURS 481	Child Health Nursing	5
NURS 486	Management of Care of the Adult Health Client III	5
NURS 487	Psychiatric-Mental Health Nursing	5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
NURS 491	Transition to Professional Nursing Practice	2
NURS 492	Global Public Health	4
NURS 493	Nursing Leadership and Management	2
NURS 494	Capstone in Professional Nursing Practicum - CUE (CUE)	7
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121</b>

## Flight Plan Without Summer Courses

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
BIOL 102	Biology: Current Issues and Applications - S	3
CHEM 105	Chemistry for Health Professionals - S	4
NURS 101	S.T.A.T. for Nursing Students (Success Tips And Techniques)	1
ENGL 101	Introduction to College Writing - WC	3
MATH 111	College Algebra - QR	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
BIOL 260	Human Anatomy & Physiology I	3
ENGL 102	Intermediate College Writing - WC	3
BIOL 257	Introduction to Microbiology - S	3
BIOL 258	Introduction to Microbiology Laboratory - SL	1
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective US Diversity - SBHD1		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
BIOL 261	Human Anatomy & Physiology II	3
BIOL 262	Human Anatomy & Physiology Lab	1
PSYC 201	Introduction to Psychology - SB	3
HSS 303	Human Nutrition	3
or PHEH 331	or Food Composition and Public Health	
MATH 109	Elementary Statistics - QR	3
or PHST 301	or Quantitative Methods in Public Health	
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
NURS 338	Lifespan Pathophysiology	4
NURS 395	Nursing Pharmacotherapeutics	3
PSYC 306	Life Span Developmental Psychology	3
PHIL Ethics Elective <sup>1</sup>		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
NURS 344	Community Health Nursing	4
NURS 345	Foundations of Professional Nursing Practice	4
NURS 346	Management of Care of the Adult Health Client I	5
NURS 347	Health Assessment	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
NURS 356	Management of Care of the Adult Health Client II	7
NURS 357	Maternal-Newborn Nursing	4
NURS 358	Nursing Research for Evidence-Based Practice	2
<b>Hours</b>		<b>13</b>
<b>Year 4</b>		
<b>Fall</b>		
NURS 481	Child Health Nursing	5
NURS 486	Management of Care of the Adult Health Client III	5
NURS 487	Psychiatric-Mental Health Nursing	5
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
NURS 491	Transition to Professional Nursing Practice	2
NURS 492	Global Public Health	4
NURS 493	Nursing Leadership and Management	2
NURS 494	Capstone in Professional Nursing Practicum - CUE (CUE)	7
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Select one of the following: PHIL 207; PHIL 211; PHIL 222; PHIL 323; or PHIL 325.

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

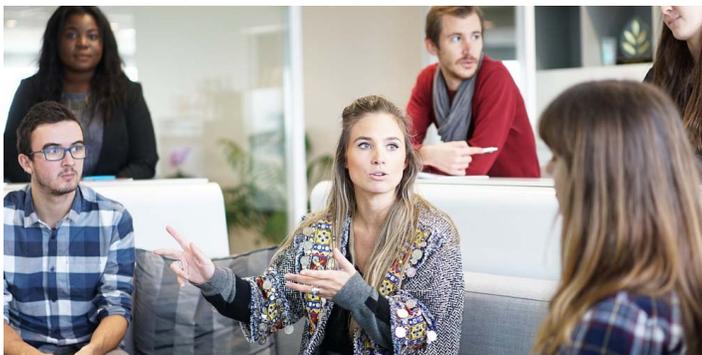
Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

Graduates from the UofL School of Nursing are prepared to apply for RN licensure upon graduation; however, educational preparation does not guarantee professional licensure. If you have questions regarding Kentucky RN licensure, please contact the Kentucky Board of Nursing ([kbn.ky.gov/apply/Pages/Examination/examination.aspx](http://kbn.ky.gov/apply/Pages/Examination/examination.aspx) (<https://kbn.ky.gov/apply/Pages/Examination/examination.aspx>)). For RN licensure questions in other states, please contact the respective state board of nursing ([ncsbn.org/contact-bon.htm](https://ncsbn.org/contact-bon.htm) (<https://ncsbn.org/contact-bon.htm>)).

## Organizational Leadership and Learning (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Organizational Leadership and Learning**

Unit: College of Education and Human Development (<http://louisville.edu/education/>)

Department: Educational Leadership, Evaluation and Organizational Development (<http://louisville.edu/education/departments/eleod/>)  
Academic Plan Code(s): See Track Requirements tab.

### Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-organizational-leadership-and-learning/>).*

The Bachelor of Science in Organizational Leadership and Learning (OLL), formerly Workforce Leadership, is designed for working professionals who have extensive and documented work experience. It is a great option for adults seeking an extra edge in today's job market. If you are ready to finish your degree, we can help do it while you enhance your skills in leading people and organizations or plan for a new career.

Classes are offered online, or in convenient off-campus locations, Monday through Thursday evenings in Louisville and at Fort Knox.

UofL also offers a BS in Organizational Leadership and Learning in Healthcare Leadership (p. 389) program.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
	College/School Requirements	0
	Program/Major Requirements	74-77
	Track Requirements	12-15
<b>Minimum Total Hours</b>		<b>120</b>

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Prior extensive and documented work experience, or equivalent experiences as determined by the program faculty, or technical coursework in a training area or occupation is required.

For the Career and Technical Education track, applicants must also have completed requirements for a professional license. This program is designed for Kentucky certified teachers in Career and Technical Education to earn their Rank 1 certification.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## Program/Major Requirements

Code	Title	Hours
<b>Organizational Leadership and Learning Core</b>		
LEAD 300	Prior Learning Assessment	3
LEAD 311	Needs Assessment	3
LEAD 316	Instructional Strategies and Group Facilitation Techniques	3
LEAD 341	Managing Projects in the Workplace	3
LEAD 411	Human Resource Fundamentals	3
LEAD 442	Supporting Organizational Change	3
LEAD 540	Program Exit Experience - CUE <sup>1</sup>	3-8
LEAD 578	Workplace and Information Ethics	3

Track Requirements (see tab for specific course requirements) <sup>2</sup>	12-15
<b>Minimum Total Hours</b>	<b>36-44</b>

## Work Specialization & Electives

Code	Title	Hours
<b>Work Specialization<sup>3</sup></b>		
LEAD 290	Occupational Courses	2-42
LEAD 291	Occupational Learning	2-42
LEAD 390	Advanced Occupational Courses	2-18
LEAD 391	Advanced Occupational Learning	2-18
<b>Electives</b>		
<b>Minimum Total Hours</b>		<b>48-53</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:		
LEAD 540	Program Exit Experience - CUE	

- Applications for LEAD 540 must be submitted by mid-term week of the semester prior to enrollment. All other core classes and at least one-half of the track courses must be completed prior to enrollment.
- Students may select the following tracks with this core: Leadership, Training, and Organizational Development (LTOD), Interdisciplinary Early Childhood Education, Counseling and Human Relations, Project Management for the Modern Workforce, Digital Leadership/IT, Human Resource Development, Career and Technical Education, or Diversity, Inclusion, Community Engagement, and Equity (DICEE). Tracks suspended to further enrollment include Training and Development and Leadership and Organizational Development.
- A minimum of 9 hours of Work Specialization/Prior Learning Assessment (PLA) credit is required, however, students may earn a maximum of 48 hours of credit, based on their prior work experience. Depending on available PLA and track, students may need elective coursework to reach the minimum 120 hours required for the degree.

## Track Requirements

### Track in Career and Technical Education

Academic Plan Code(s): WFL\_BS\_CTE, WFL\_BS\_CTO

Code	Title	Hours
EDTP 420	Reading and Writing Across the Curriculum	3
LEAD 510	Teaching Career and Technical Education	3
LEAD 574	Using Productivity Tools	3
LEAD 596	Seminar	3
Select one of the following:		3
ECPY 507	Learning Theory and Human Growth and Development	
EDSP 540	Introduction to Exceptional Children	
EDSP 545	Exceptional Children in the Regular Classroom	
<b>Minimum Total Hours</b>		<b>15</b>

Applicants must have completed requirements for a professional license. This program is designed for Kentucky certified teachers in Career and Technical Education to earn their Rank 1 certification.

**Mid-Point Assessment:** Completion of 32 credit hours in the Career and Technical courses with an average GPA of 2.5 and a letter grade of C or better.

**CTE Certification Assessment:** Successful completion of KDE New Teacher Institute, CTE Concentration Courses, and Portfolio.

**Praxis Disclaimer:** Per 16 KAR 2:020, Praxis is not required for occupation-based teacher certification.

**Rank Change:** To apply for Rank 1 status, students must complete this Bachelor's degree program and submit CA-1 form to Kentucky Department of Education Office of Career and Technical Education Certification Specialist for submission to Education Professional Standards Board.

### Track in Diversity, Inclusion, Community Engagement, and Equity

Academic Plan Code(s): WFL\_BS\_DIC, WFL\_BS\_DICO

Code	Title	Hours
LEAD 314	Diversity in the Workplace - SB, D1	3
LEAD 324	Antiracism: A Fundamental to a New System	3
LEAD 424	Organizational Partnership and Community Engagement	3
LEAD 460	Adult Learning and Diversity	3

<b>Minimum Total Hours</b>		<b>12</b>
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**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

### Track in Early Childhood Education

Academic Plan Code(s): WFL\_BS\_ECE, WFL\_BS\_ECO

Code	Title	Hours
EDSP 427	Inquiry into Early Childhood Education and Child Development	3
EDSP 435	Administration and Consultation Early Childhood Education	3
EDSP 438	Emergent Curriculum	3
EDSP 439	Guidance of Young Children	3

<b>Minimum Total Hours</b>		<b>12</b>
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**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

## Track in Leadership, Training and Organizational Development (LTOD)

Academic Plan Code(s): WFL\_BS\_LTD, WFL\_BS\_LTO

Code	Title	Hours
Select 12 credit hours from the list below:		
LEAD 312	Designing Learning	12
LEAD 314	Diversity in the Workplace - SB, D1	
LEAD 332	Measuring and Evaluating Effectiveness	
LEAD 412	Coaching and Talent Development	
LEAD 420	Conflict Management in the Workplace	
LEAD 460	Adult Learning and Diversity	
LEAD 490	Leadership and Management	
LEAD 575	Instructional Technology	

**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

## Track in Counseling and Human Relations

Academic Plan Code(s): WFL\_BS\_CHO

Code	Title	Hours
ECPY 304	Mental Health and the Helping Professions	3
ECPY 319	Theories of Counseling	3
ECPY 363	Culture, Social Justice, and Advocacy	3
ECPY 412	Stress, Coping & Resilience	3
ECPY 422	Emotional Intelligence	3
<b>Minimum Total Hours</b>		<b>15</b>

**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

## Track in Digital Leadership/IT

Academic Plan Code(s): WFL\_BS\_DLT

Code	Title	Hours
LEAD 220	Data Analytics in Organizations	3
LEAD 256	Technology in Our World Today - SB	3
LEAD 257	Technology Industry Badges II	3
Select ONE course from list below:		
LEAD 314	Diversity in the Workplace - SB, D1	
LEAD 412	Coaching and Talent Development	

LEAD 490	Leadership and Management	
<b>Minimum Total Hours</b>		<b>12</b>

**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

## Track in Project Management for the Modern Workforce

Academic Plan Code(s): WFL\_BS\_PMW

Code	Title	Hours
LEAD 220	Data Analytics in Organizations	3
LEAD 314	Diversity in the Workplace - SB, D1	3
LEAD 412	Coaching and Talent Development	3
LEAD 490	Leadership and Management	3
<b>Minimum Total Hours</b>		<b>12</b>

**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

## Track in Human Resource Development

Academic Plan Code(s): WFL\_BS\_HRD

Code	Title	Hours
<b>Select four courses from the list below:</b>		
LEAD 220	Data Analytics in Organizations	12
LEAD 412	Coaching and Talent Development	
LEAD 420	Conflict Management in the Workplace	
LEAD 490	Leadership and Management	
LEAD 511	Ethical Theories and Ethical Problem-Solving Workplace Health, Safety, and Security <sup>1</sup>	
<b>Minimum Total Hours</b>		<b>12</b>

<sup>1</sup> Course number pending

**Mid-point Assessment:** Program Competency Self-Assessment and a Hallmark Assessment from LEAD 341.

A minimum of 120 hours with an overall GPA of 2.25 is required for completion, with a 2.5 GPA required in the major courses. All major course grades must be a C or better. Thirty-one hours of general education credit are required. A minimum of 50 hours of credit at the 300 level or above are required, along with satisfactory completion of the Program Portfolio.

## Tracks Suspended to Further Enrollment

The following tracks have been suspended to further enrollment, effective Spring 2018, and reorganized into a consolidated Leadership, Training, and Organizational Development/LTOD track (details above).

### Track in Training and Development

*Suspended to further enrollment.*

Code	Title	Hours
LEAD 312	Designing Learning	3
LEAD 332	Measuring and Evaluating Effectiveness	3
LEAD 460	Adult Learning and Diversity	3
LEAD 575	Instructional Technology	3
<b>Minimum Total Hours</b>		<b>12</b>

### Track in Leadership and Organizational Development

*Suspended to further enrollment.*

Code	Title	Hours
LEAD 314	Diversity in the Workplace - SB, D1	3
LEAD 412	Coaching and Talent Development	3
LEAD 420	Conflict Management in the Workplace	3
LEAD 490	Leadership and Management	3
<b>Minimum Total Hours</b>		<b>12</b>

## Organizational Leadership and Learning, Track in Healthcare Leadership (BS)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Organizational Leadership and Learning, track in Healthcare Leadership

Unit: College of Education and Human Development (<http://louisville.edu/education/>)

Department: Educational Leadership, Evaluation and Organizational Development (<http://louisville.edu/education/departments/eleod/>)

Academic Plan Code(s): WFL\_BS\_HLT, WFL\_BS\_HLO

### Program Information

*This program can be completed* entirely online (<http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-organizational-leadership-and-learning/>).

The Bachelor of Science in Organizational Leadership and Learning with a focus on Healthcare Leadership allows healthcare professionals to capitalize on existing knowledge and experience, and earn a bachelor's degree that can further enhance your skills in leadership, organizational change, workplace development and performance and attain higher-level positions in your organization.

UofL's OnTrack program is the first of its kind in the state and region, with a curriculum based on the National Center for Healthcare Leadership's

(NCHL.org) competency model, which is one of the leading industry standard models for healthcare executive competencies development.

This program is essential for individuals who have acquired experience in the healthcare field, but are missing the proper credentials for promotions within their organization, increased pay, or management and leadership roles.

### Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
College/School Requirements		0
Program/Major Requirements		77
Track Requirements		12
<b>Minimum Total Hours</b>		<b>120</b>

Specific coursework information can be found on the Degree Requirements tab.

The program is offered in two distinct enrollment pathways: Flex Option and Term Option.

**Flex Option:** This is the current pathway for students wishing to pursue the Competency-Based Education model (CBE). In Flex Option, students have 32 weeks to move through the program materials at their own pace. Many students value this level of flexibility. This path places the responsibility on the student to set and maintain their own pace to finish the materials on time. Students may enroll in additional CBE courses as soon as all previously enrolled courses are completed to expedite program completion. Financial Aid is dependent on timely completion.

Students may start the program on the first Tuesday of every month (except December). Students in this program will register for all major and track courses with their assigned Success Coach. All tuition and fees for CBE courses are non-refundable when a student begins a CBE course.

The CBE course term begins with enrollment and the onset of academic activity. Flex Option/CBE courses are student self-paced, but students must complete enrolled CBE courses within 32 weeks. A student cannot withdraw from a CBE course once started.

**Term Option:** In this pathway, students enroll in half-term courses and complete each course within a predetermined time frame. This option is for students who wish to follow a more structured and traditional university schedule while taking advantage of accelerated sessions. Two half-term sessions will be available in Fall and Spring and multiple sessions will be available in the Summer.

Students may start the program at the beginning of the first half of the Fall or Spring terms, or at the beginning of the second half of the Fall or Spring terms; students may also begin at the start of one of multiple offerings in the summer term. This allows students to start the Term Option program several times per year, and enroll in half-term session courses. All coursework in the Term-Option Pathway must be completed within the half-term period. Tuition and fees in Term-Option enrollments may be refunded in accordance with normal university policies.

**Additional Information:** For more information on the Healthcare Leadership program, please go to [louisville.edu/online/programs/competency-based-degree-programs/healthcare-leadership-cbe](http://louisville.edu/online/programs/competency-based-degree-programs/healthcare-leadership-cbe) (<http://>

[louisville.edu/online/programs/competency-based-degree-programs/healthcare-leadership-cbe/](http://louisville.edu/online/programs/competency-based-degree-programs/healthcare-leadership-cbe/)

UofL also offers non-CBE BS programs in Organizational Leadership and Learning (p. 386) with tracks in Career and Technical Education and Leadership, Training and Organizational Development (LTOD).

## Departmental Admission Requirements

Applicants to the BS in Organizational Leadership and Learning with a track in Healthcare Leadership must have a 2.7 cumulative GPA in college level courses and at least 2,000 hours (approximately one year) of healthcare experience across a wide variety of organizational settings.

Additionally, applicants are recommended to have at least 24 hours of transferable credit.

Applicants who have a cumulative GPA below 2.7 or less than 2,000 hours of healthcare experience, may petition the College of Education and Human Development for consideration of admission.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## Program/Major Requirements

Code	Title	Hours
<b>Healthcare Leadership Core</b>		
LEAD 307	Prior Learning Assessment for Healthcare Leaders	3
LEAD 308	Needs Assessment in Healthcare Organizations	3
LEAD 309	Managing Projects in Healthcare Organizations	3
LEAD 410	Fundamentals of Healthcare Human Resource Management	3
LEAD 413	Management of Diversity in Healthcare Organizations	3
LEAD 415	Organizational Change in Healthcare	3
LEAD 416	Principles of Healthcare Leadership and Management	3
LEAD 450	Healthcare Leadership - CUE	3
<b>Track Requirements</b> <sup>1</sup>		
LEAD 430	Healthcare Finance and Accounting	3
LEAD 431	Healthcare Information Management	3
LEAD 432	Healthcare Quality Evaluation	3
LEAD 433	Healthcare Law and Ethics	3
<b>Minimum Total Hours</b>		<b>36</b>

## Work Specialization & Electives

Code	Title	Hours
<b>Work Specialization</b> <sup>2</sup>		
LEAD 290	Occupational Courses	2-42
LEAD 291	Occupational Learning	2-42

LEAD 390	Advanced Occupational Courses	2-18
LEAD 391	Advanced Occupational Learning	2-18
Electives		5-44
<b>Minimum Total Hours</b>		<b>53</b>

Students must complete major courses with a B+ level or higher to successfully complete a program course. If a student does not achieve a B+ or higher in a program course before the end of the term, then the student will receive the highest grade earned during the course, or F if the student fails to submit required deliverables.

One repetition for each major course is permitted without department approval for additional repeats. If a student does not earn a B+ or higher in the repeated course, then the student could be dropped from the program.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:

LEAD 450	Healthcare Leadership - CUE	
1	Students must select the following track with this core: Healthcare Leadership.	
2	A minimum of 9 hours of Work Specialization/Prior Learning Assessment credit is required, however, students may earn up to 48 hours of credit based on their prior work experience.	

## Pan-African Studies (BA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Pan-African Studies

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)

Department: Pan-African Studies (<http://louisville.edu/panafricanstudies/>)

Academic Plan Code(s): PAS\_BA

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Program Information

The Department of Pan-African Studies (PAS) has developed a Bachelor of Arts and a Bachelor of Science degree. This provides an opportunity for structured undergraduate study in the multi-disciplinary field of Pan-

African Studies. Students also have the choice of earning a minor in Pan-African Studies as well.

PAS majors have career options quite similar to those of students with baccalaureate degrees in the humanities and social sciences and a PAS minor often enhances the employability of students who major in other fields.

Increasingly, PAS majors are also finding career opportunities specific to the discipline itself. Such opportunities are most common in social, cultural and educational agencies/organizations, and in business and international affairs initiatives that concern people of color. Other PAS graduates choose to pursue graduate degrees.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	36
	Supporting Courses	32
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

PAS 200	Introduction to Pan-African Studies - D1, SB
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<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Pan-African Studies</b>		
<i>Pan-African Studies Core</i>		
PAS 200	Introduction to Pan-African Studies - D1, SB <sup>4</sup>	3
	Pan-African Studies: additional course at the 200 level	3
PAS 408	Research Methods in Pan-African Studies - WR <sup>5</sup>	3
PAS 409	Pan-African Studies Capstone Seminar - CUE	3
PAS 500 or PAS 586	Cooperative Internship in Pan-African Studies Field Research	3
	Any 500-level Pan-African Studies course approved by the advisor	3
<i>Pan-African Studies Subfields (see lists of approved courses below)</i>		
	Cultural Studies <sup>6</sup>	6
	Historical Studies <sup>7</sup>	6
	Social Studies <sup>8</sup>	6
	<b>Minimum Total Hours</b>	<b>36</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	Electives in Social Sciences or Humanites <sup>9</sup>	15
	Minimum Electives <sup>10</sup>	17
	<b>Minimum Total Hours</b>	<b>32</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
PAS 409	Pan-African Studies Capstone Seminar - CUE	

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

## Pan-African Studies Subfields

**Cultural Studies**  
(courses can only be used in one area)

Code	Title	Hours
PAS 210	Introduction to Pan-African Literature - AH, D2	3
PAS 214	African-American Music - AH, D1	3
PAS 217	Introduction to Indigenous Religions of Africa, the Americas and the Pacific Basin	3
PAS 218	Survey of American Jazz - D1, AH	3

PAS 219	Survey of Brazilian Music	3
PAS 247	Language, Protest and Identity - D1, SB	3
PAS 272	Reggae Music & the Politics of Black Liberation - D2, AH	3
PAS 273	The Rhythm and Blues Revolution and American Culture - D1, AH	3
PAS 300	Humanities Special Topics in Pan-African Studies	3
PAS 308	Contemporary Trends in African-American Art - WR	3
PAS 310	African-American Art I: From West Africa to 1920s	3
PAS 311	African-American Art History II: From the 1920s to Present	3
PAS 315	Theatre of the African World - D2, AH	3
PAS 317	African-American Religion - AH, D1	3
PAS 330	Women in African-American Religion	3
PAS 340	African-American Literature - AH, D1	3
PAS 341	Black Film and Literature - AH, D1	3
PAS 342	Black Women Novelists - WR, D2, AH	3
PAS 346	African Languages in the Diaspora - SB, D1	3
PAS 348	Aesthetic in the Africana Community	3
PAS 349	African Americans and Islam	3
PAS 350	African-American Women in Theatre - WR, AH, D1	3
PAS 351	Survey of African Religion and Culture	3
PAS 353	Acting the Black Experience - D1, AH	3
PAS 355	Cultural Diversity in Performance - AH, D1	3
PAS 356	History of the African-American Theatre - D1, WR, AH	3
PAS 363	Civil Rights and the Law II	3
PAS 367	Black Dramatic Literature - D1, AH	3
PAS 369	Music and the Black Arts Movement	3
PAS 370	Hip-Hop Culture and Its Impact	3
PAS 371	Music of the Global Black Revolt	3
PAS 372	Black Music and Identity in the 1960s	3
PAS 378	The African-American Experience	3
PAS 381	African Art: A Survey	3
PAS 390	Independent Study	3
PAS 499	Pan-African Studies Senior Honors Thesis - CUE, WR	3
PAS 509	Advanced Contemporary Trends in African-American Art	3
PAS 510	Advanced Topics in Afro-American and African Studies	3
PAS 516	African-American Philosophy	3
PAS 521	Religions of the African Diaspora	3
PAS 530	The Life and Times of Malcolm X	3
PAS 546	African Languages in the Diaspora	3
PAS 547	Language, Race, Class and Gender	3
PAS 550	African Popular Culture	3
PAS 551	Studies in African-American Literature	3
PAS 557	African Philosophy	3
PAS 567	Post-Colonial Voices: Writing Experience in African Literature - WR	3
PAS 575	Genre Studies in African-American Literature	3
PAS 577	The Harlem Renaissance	3

PAS 578	The Music of the Black Church	3
PAS 581	Pan-African Art: Form and Content	3

**Historical Studies**

(courses can only be used in one area)

Code	Title	Hours
PAS 207	Introduction to Philosophy through Cultural Diversity - D2, AH	3
PAS 227	Survey of American Diversity - D1, SB	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 319	African-American History I - D1, SBH	3
PAS 320	African-American History II - D1, SBH	3
PAS 322	The History of the Civil Rights Movement, 1900 to Present	3
PAS 329	Slave Trade and Slavery	3
PAS 335	Survey of African-American Education - SB, D1	3
PAS 360	African Diaspora in the Caribbean and Latin America	3
PAS 374	The Black Power Movement	3
PAS 385	Women in Africa: Historical and Literary Perspective	3
PAS 390	Independent Study	3
PAS 393	African History Before 1800 - D2, SBH	3
PAS 394	African History Since 1800 - SBH, D2	3
PAS 395	Contemporary Africa	3
PAS 396	History of the Caribbean	3
PAS 412	The Underground Railroad and American Memory	3
PAS 499	Pan-African Studies Senior Honors Thesis - CUE, WR	3
PAS 513	U.S. Social Justice Movements	3
PAS 514	History of Pan-African Social Thought	3
PAS 526	Black Heritage Preservation	3
PAS 529	Teacher Institute on African-American Issues	3
PAS 530	The Life and Times of Malcolm X	3
PAS 531	Survey of African-American History and Culture for Teachers	3
PAS 532	Slave Trade and Slavery in the African World	3
PAS 533	The History and Popular Culture of the African Diaspora	3
PAS 535	History of African Americans in Kentucky	3
PAS 539	Public History in African Diaspora	3
PAS 545	Southern Women: Black and White	3
PAS 548	Black Museums and Cultural Heritage	3
PAS 549	African Americans in Louisville, Kentucky	3
PAS 590	Studies in African History - WR	3

**Social Studies**

(courses can only be used in one area)

Code	Title	Hours
PAS 200	Introduction to Pan-African Studies - D1, SB	3
PAS 204	Introduction to African Studies - D2, AH	3
PAS 205	Race, Color and Consciousness - D1, SB	3
PAS 206	Introduction to Caribbean Studies - D2, SB	3

PAS 301	Social Sciences Special Topics in Pan-African Studies	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 310	African-American Art I: From West Africa to 1920s	3
PAS 312	African Americans in American Media	3
PAS 313	Urban Ritual Violence	3
PAS 314	Black Psychology	3
PAS 318	African-American Cultural Traditions	3
PAS 319	African-American History I - D1, SBH	3
PAS 320	African-American History II - D1, SBH	3
PAS 322	The History of the Civil Rights Movement, 1900 to Present	3
PAS 324	Politics, Political Violence and Black Resistance	3
PAS 325	Politics of Black Male Identity in Post-Modern America	3
PAS 326	Black Political Thought: Africa to Afrocentricity	3
PAS 327	Politics of the Black Community - SB, D1	3
PAS 329	Slave Trade and Slavery	3
PAS 331	Color Complex of Black Women	3
PAS 332	African-American Women - WR	3
PAS 333	Black Student Experience: Issues with Persistence & Inclusion in PWIs - D1, SB	3
PAS 335	Survey of African-American Education - SB, D1	3
PAS 338	Race and Economics	3
PAS 344	Black Lesbian Lives	3
PAS 345	Museums, Culture and Nationhood	3
PAS 361	Folklore of the African Diaspora	3
PAS 362	Civil Rights and the Law I	3
PAS 363	Civil Rights and the Law II	3
PAS 364	Racism and Sexism - SB, D1	3
PAS 366	Inequality and Health: The Black Experience	3
PAS 368	Race, Culture, Identity	3
PAS 383	Cultures of Africa - SB, D2	3
PAS 384	Disease, Ecology and Environmental Management in Africa - WR	3
PAS 386	Africa: Environment and Resources	3
PAS 390	Independent Study	3
PAS 392	Faces of Global Poverty - WR	3
PAS 407	Theoretical Perspectives in African-American and Diaspora Studies	3
PAS 408	Research Methods in Pan-African Studies - WR	3
PAS 409	Pan-African Studies Capstone Seminar - CUE	3
PAS 410	Black Feminism in Action	3
PAS 412	The Underground Railroad and American Memory	3
PAS 499	Pan-African Studies Senior Honors Thesis - CUE, WR	3
PAS 505	The Black Atlantic	3
PAS 513	U.S. Social Justice Movements	3
PAS 514	History of Pan-African Social Thought	3
PAS 520	The Black Family - WR	3
PAS 526	Black Heritage Preservation	3
PAS 529	Teacher Institute on African-American Issues	3

PAS 531	Survey of African-American History and Culture for Teachers	3
PAS 532	Slave Trade and Slavery in the African World	3
PAS 540	Pedagogy of African Studies	3
PAS 541	Cultural Heritage, Tourism, and Globalization	3
PAS 542	Black Women's Voices - WR	3
PAS 545	Southern Women: Black and White	3
PAS 566	Race and Gender in Psychological Research	3
PAS 590	Studies in African History - WR	3

- 1 Completion of the intermediate level of a single foreign language
- 2 In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- 3 May be incorporated into other degree requirements
- 4 Fulfills General Education requirement.
- 5 Fulfills WR requirement.
- 6 Pan-African Studies courses focusing on art, music, literature, philosophy or religion
- 7 Pan-African Studies courses focusing on African American, African and African Diaspora history
- 8 Pan-African Studies courses focusing on race, gender, family, health, psycho-social, geography, economics, education, or politics
- 9 Other than Department of Pan-African Studies, of which 6 hours must be at the 300 level or above
- 10 Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 1		4
PAS 200	Introduction to Pan-African Studies - D1, SB	3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 2		4
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Foreign Language 3		4
PAS Elective (200 level)		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Social Science Course		3

PAS Social Studies Course		3
PAS Historical Studies Course		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
PAS 408	Research Methods in Pan-African Studies - WR	3
PAS Cultural Studies Course		3
Humanities or Natural Science Elective (300 level or above)		3
Social Science Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Humanities or Natural Science Elective		3
Humanities or Natural Science Elective (300 level or above)		3
PAS 500	Cooperative Internship in Pan-African Studies	3-6
or PAS 586	or Field Research	
PAS 409	Pan-African Studies Capstone Seminar - CUE	3
PAS Cultural Studies Course		3
<b>Hours</b>		<b>15-18</b>
<b>Year 4</b>		
<b>Fall</b>		
PAS Historical Studies Course		3
PAS Social Studies Course		3
Social Science or Humanities Elective		3
Social Science or Humanities WR Elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PAS Elective (500 level)		3
Social Science or Humanities Elective (300 level or above)		3
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122-125</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

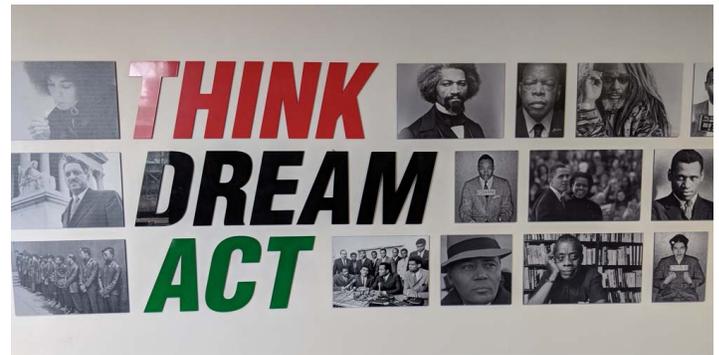
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Pan-African Studies (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Pan-African Studies

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)

Department: Pan-African Studies (<http://louisville.edu/panafricanstudies/>)

Academic Plan Code(s): PAS\_BA

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Program Information

The Department of Pan-African Studies (PAS) has developed a Bachelor of Arts and a Bachelor of Science degree. This provides an opportunity for structured undergraduate study in the multi-disciplinary field of Pan-African Studies. Students also have the choice of earning a minor in Pan-African Studies as well.

PAS majors have career options quite similar to those of students with baccalaureate degrees in the humanities and social sciences and a PAS minor often enhances the employability of students who major in other fields.

Increasingly, PAS majors are also finding career opportunities specific to the discipline itself. Such opportunities are most common in social, cultural and educational agencies/organizations, and in business and international affairs initiatives that concern people of color. Other PAS graduates choose to pursue graduate degrees.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15
	Program/Major Requirements <sup>1</sup>	42
	Supporting Courses	33-35
<b>Minimum Total Hours</b>		<b>121-123</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

PAS 200	Introduction to Pan-African Studies - D1, SB
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\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>1</sup>		
		6-8
Electives in Humanities or Natural Sciences at the 300 level or above <sup>2</sup>		
		6
WR—two approved courses at the 300 level or above <sup>3</sup>		
		3
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Pan-African Studies</b>		
<i>Pan-African Studies Core Courses</i>		
PAS 200	Introduction to Pan-African Studies - D1, SB <sup>4</sup>	3
Pan-African Studies: additional courses at the 200 level		
		3
PAS 408	Research Methods in Pan-African Studies - WR <sup>5</sup>	3
PAS 409	Pan-African Studies Capstone Seminar - CUE	3
PAS 500	Cooperative Internship in Pan-African Studies	3
or PAS 586	Field Research	
Pan-African Studies elective courses (3 hours must be at the 500 level)		
		9
<i>Pan-African Studies Subfields (see course lists below)</i>		
Cultural Studies <sup>6</sup>		
		6
Historical Studies <sup>7</sup>		
		6

Social Studies <sup>8</sup>	6
<b>Minimum Total Hours</b>	<b>42</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in Humanities or Social Sciences <sup>9</sup>		
		18
Minimum Electives <sup>10</sup>		
		15-17
<b>Minimum Total Hours</b>		<b>33-35</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
PAS 409	Pan-African Studies Capstone Seminar - CUE	

## Pan-African Studies Subfields

**Cultural Studies**  
(courses can only be used in one area)

Code	Title	Hours
PAS 210	Introduction to Pan-African Literature - AH, D2	3
PAS 214	African-American Music - AH, D1	3
PAS 217	Introduction to Indigenous Religions of Africa, the Americas and the Pacific Basin	3
PAS 218	Survey of American Jazz - D1, AH	3
PAS 219	Survey of Brazilian Music	3
PAS 247	Language, Protest and Identity - D1, SB	3
PAS 272	Reggae Music & the Politics of Black Liberation - D2, AH	3
PAS 273	The Rhythm and Blues Revolution and American Culture - D1, AH	3
PAS 300	Humanities Special Topics in Pan-African Studies	3
PAS 308	Contemporary Trends in African-American Art - WR	3
PAS 310	African-American Art I: From West Africa to 1920s	3
PAS 311	African-American Art History II: From the 1920s to Present	3
PAS 315	Theatre of the African World - D2, AH	3
PAS 317	African-American Religion - AH, D1	3
PAS 330	Women in African-American Religion	3
PAS 340	African-American Literature - AH, D1	3
PAS 341	Black Film and Literature - AH, D1	3
PAS 342	Black Women Novelists - WR, D2, AH	3
PAS 346	African Languages in the Diaspora - SB, D1	3
PAS 348	Aesthetic in the Africana Community	3
PAS 349	African Americans and Islam	3
PAS 350	African-American Women in Theatre - WR, AH, D1	3
PAS 351	Survey of African Religion and Culture	3
PAS 353	Acting the Black Experience - D1, AH	3
PAS 355	Cultural Diversity in Performance - AH, D1	3

PAS 356	History of the African-American Theatre - D1, WR, AH	3
PAS 363	Civil Rights and the Law II	3
PAS 367	Black Dramatic Literature - D1, AH	3
PAS 369	Music and the Black Arts Movement	3
PAS 370	Hip-Hop Culture and Its Impact	3
PAS 371	Music of the Global Black Revolt	3
PAS 372	Black Music and Identity in the 1960s	3
PAS 378	The African-American Experience	3
PAS 381	African Art: A Survey	3
PAS 390	Independent Study	3
PAS 499	Pan-African Studies Senior Honors Thesis - CUE, WR	3
PAS 509	Advanced Contemporary Trends in African-American Art	3
PAS 510	Advanced Topics in Afro-American and African Studies	3
PAS 516	African-American Philosophy	3
PAS 521	Religions of the African Diaspora	3
PAS 530	The Life and Times of Malcolm X	3
PAS 546	African Languages in the Diaspora	3
PAS 547	Language, Race, Class and Gender	3
PAS 550	African Popular Culture	3
PAS 551	Studies in African-American Literature	3
PAS 557	African Philosophy	3
PAS 567	Post-Colonial Voices: Writing Experience in African Literature - WR	3
PAS 575	Genre Studies in African-American Literature	3
PAS 577	The Harlem Renaissance	3
PAS 578	The Music of the Black Church	3
PAS 581	Pan-African Art: Form and Content	3

**Historical Studies**

(courses can only be used in one area)

Code	Title	Hours
PAS 207	Introduction to Philosophy through Cultural Diversity - D2, AH	3
PAS 227	Survey of American Diversity - D1, SB	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 319	African-American History I - D1, SBH	3
PAS 320	African-American History II - D1, SBH	3
PAS 322	The History of the Civil Rights Movement, 1900 to Present	3
PAS 329	Slave Trade and Slavery	3
PAS 335	Survey of African-American Education - SB, D1	3
PAS 360	African Diaspora in the Caribbean and Latin America	3
PAS 374	The Black Power Movement	3
PAS 385	Women in Africa: Historical and Literary Perspective	3
PAS 390	Independent Study	3
PAS 393	African History Before 1800 - D2, SBH	3
PAS 394	African History Since 1800 - SBH, D2	3

PAS 395	Contemporary Africa	3
PAS 396	History of the Caribbean	3
PAS 412	The Underground Railroad and American Memory	3
PAS 499	Pan-African Studies Senior Honors Thesis - CUE, WR	3
PAS 513	U.S. Social Justice Movements	3
PAS 514	History of Pan-African Social Thought	3
PAS 526	Black Heritage Preservation	3
PAS 529	Teacher Institute on African-American Issues	3
PAS 530	The Life and Times of Malcolm X	3
PAS 531	Survey of African-American History and Culture for Teachers	3
PAS 532	Slave Trade and Slavery in the African World	3
PAS 533	The History and Popular Culture of the African Diaspora	3
PAS 535	History of African Americans in Kentucky	3
PAS 539	Public History in African Diaspora	3
PAS 545	Southern Women: Black and White	3
PAS 548	Black Museums and Cultural Heritage	3
PAS 549	African Americans in Louisville, Kentucky	3
PAS 590	Studies in African History - WR	3

**Social Studies**

(courses can only be used in one area)

Code	Title	Hours
PAS 200	Introduction to Pan-African Studies - D1, SB	3
PAS 204	Introduction to African Studies - D2, AH	3
PAS 205	Race, Color and Consciousness - D1, SB	3
PAS 206	Introduction to Caribbean Studies - D2, SB	3
PAS 301	Social Sciences Special Topics in Pan-African Studies	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 310	African-American Art I: From West Africa to 1920s	3
PAS 312	African Americans in American Media	3
PAS 313	Urban Ritual Violence	3
PAS 314	Black Psychology	3
PAS 318	African-American Cultural Traditions	3
PAS 319	African-American History I - D1, SBH	3
PAS 320	African-American History II - D1, SBH	3
PAS 322	The History of the Civil Rights Movement, 1900 to Present	3
PAS 324	Politics, Political Violence and Black Resistance	3
PAS 325	Politics of Black Male Identity in Post-Modern America	3
PAS 326	Black Political Thought: Africa to Afrocentricity	3
PAS 327	Politics of the Black Community - SB, D1	3
PAS 329	Slave Trade and Slavery	3
PAS 331	Color Complex of Black Women	3
PAS 332	African-American Women - WR	3
PAS 333	Black Student Experience: Issues with Persistence & Inclusion in PWIs - D1, SB	3
PAS 335	Survey of African-American Education - SB, D1	3

PAS 338	Race and Economics	3
PAS 344	Black Lesbian Lives	3
PAS 345	Museums, Culture and Nationhood	3
PAS 361	Folklore of the African Diaspora	3
PAS 362	Civil Rights and the Law I	3
PAS 363	Civil Rights and the Law II	3
PAS 364	Racism and Sexism - SB, D1	3
PAS 366	Inequality and Health: The Black Experience	3
PAS 368	Race, Culture, Identity	3
PAS 383	Cultures of Africa - SB, D2	3
PAS 384	Disease, Ecology and Environmental Management in Africa - WR	3
PAS 386	Africa: Environment and Resources	3
PAS 390	Independent Study	3
PAS 392	Faces of Global Poverty - WR	3
PAS 407	Theoretical Perspectives in African-American and Diaspora Studies	3
PAS 408	Research Methods in Pan-African Studies - WR	3
PAS 409	Pan-African Studies Capstone Seminar - CUE	3
PAS 410	Black Feminism in Action	3
PAS 412	The Underground Railroad and American Memory	3
PAS 499	Pan-African Studies Senior Honors Thesis - CUE, WR	3
PAS 505	The Black Atlantic	3
PAS 513	U.S. Social Justice Movements	3
PAS 514	History of Pan-African Social Thought	3
PAS 520	The Black Family - WR	3
PAS 526	Black Heritage Preservation	3
PAS 529	Teacher Institute on African-American Issues	3
PAS 531	Survey of African-American History and Culture for Teachers	3
PAS 532	Slave Trade and Slavery in the African World	3
PAS 540	Pedagogy of African Studies	3
PAS 541	Cultural Heritage, Tourism, and Globalization	3
PAS 542	Black Women's Voices - WR	3
PAS 545	Southern Women: Black and White	3
PAS 566	Race and Gender in Psychological Research	3
PAS 590	Studies in African History - WR	3

- <sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- <sup>2</sup> In addition to courses counted toward General Education
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Fulfills General Education requirement.
- <sup>5</sup> Fulfills WR requirement.
- <sup>6</sup> Pan-African Studies courses focusing on art, music, literature, philosophy, or religion
- <sup>7</sup> Pan-African Studies courses focusing on African American, African, and African Diaspora history
- <sup>8</sup> Pan-African Studies courses focusing on race, gender, family, health, psycho-social, geography, economics, education, or politics
- <sup>9</sup> 6 hours must be at the 300 level or above

<sup>10</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 1		4
PAS 200	Introduction to Pan-African Studies - D1, SB	3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 2		4
PAS Historical Studies Course		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts and Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Natural Sciences with Lab - B		4
Humanities or Social Science Elective		3
PAS Cultural Studies Course		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
Humanities or Social Science Elective		3
PAS Social Studies Course		3
PAS Historical Studies Course		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
General Elective		3
Humanities or Social Science Elective		3
PAS Cultural Studies Course		3
PAS Social Studies Course		3
PAS 408	Research Methods in Pan-African Studies - WR	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Humanities or Natural Science Elective		3
Humanities or Natural Science WR Elective (300 level or above)		3
PAS 500 or PAS 586	Cooperative Internship in Pan-African Studies or Field Research	3-6
PAS 409	Pan-African Studies Capstone Seminar - CUE	3
General Elective		3
<b>Hours</b>		<b>15-18</b>
<b>Year 4</b>		
<b>Fall</b>		
Humanities or Social Science Elective		3
Humanities or Social Science Elective		3
PAS Elective		3
PAS Elective		3

General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
PAS Capstone Elective (500 level or above)	3
PAS Elective (200 level)	3
Humanities or Social Science Elective (300 level or above)	3
General Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>121-124</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

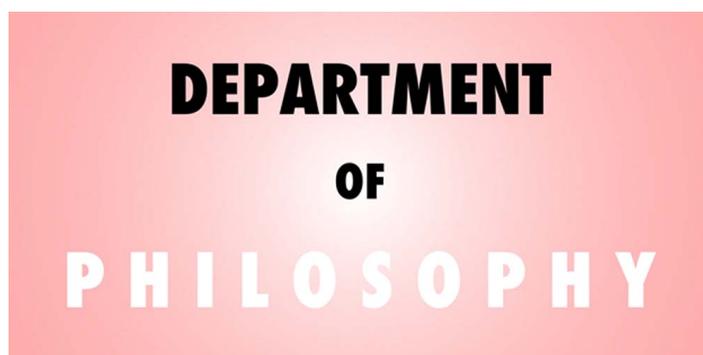
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Philosophy (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Philosophy

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)  
Department: Philosophy (<http://louisville.edu/philosophy/>)  
Academic Plan Code(s): See Track Requirements tab.

## Program Information

Philosophy department courses and programs enable students at all levels to think deeply and critically about some of the most fundamental questions of human life as great thinkers have raised them across time and space, and in the traditions of Europe, America, Africa, and Asia. With particular strengths in areas of overlap between philosophy and other disciplines – politics, health sciences, psychology, literature and the arts, economics, Pan-African Studies, and beyond – Philosophy at the University of Louisville is a keystone that unifies a broad undergraduate education and prepares graduates for an unpredictable world ahead. Philosophy also houses the minor in Philosophy, Politics, and Economics (PPE) as well as the graduate MA in Interdisciplinary Studies - Health Care Ethics. The Department's faculty has achieved exceptional research productivity and prides itself on outstandingly high student evaluations.

Completion of the Philosophy degree requires work to be submitted for the program's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
	College/School Requirements	22
	Program/Major Requirements	22
	Track Requirements	47
<b>Minimum Total Hours</b>		<b>122</b>

Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

All degrees require the completion of the University-wide Cardinal Core General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1

Foreign Language <sup>1</sup>	12
Electives in Natural Sciences or Social Sciences <sup>2</sup>	9
WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>	<b>22</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

## Program/Major Requirements

Code	Title	Hours
<b>Department of Philosophy</b>		
<b>Core Coursework</b>		
PHIL 300	Philosophy in Dialogue (Can be repeated for a total of 3 credit hours. Must be completed within one year of declaring the major.)	1
PHIL 321	Ethics	3
PHIL 502	Philosophy Capstone Seminar - CUE	3
<i>History of Philosophy</i>		
Select two of the following:		6
PHIL 301	Ancient Philosophy	
PHIL 303	Modern Philosophy	
PHIL 304	Philosophy and the Americas	
<i>Logic</i>		
Select one of the following:		3
PHIL 311	Introduction to Logic	
PHIL 412	Symbolic Logic	
PHIL 512	Advanced Symbolic Logic	
<i>Metaphysics/Epistemology</i>		
Select one of the following:		3
PHIL 341	Philosophy of Language - WR	
PHIL 356	Metaphysics - WR	
PHIL 357	Personal Identity and the Self	
PHIL 358	Mind and Brain	
PHIL 528	Philosophy of Mind	
PHIL 529	Philosophy of Emotions	
PHIL 536	Philosophy of Science	
PHIL 537	Philosophy of the Social Sciences	
PHIL 540	Epistemology - WR	
PHIL 641	Recent Philosophy of Language	
<i>Philosophy and Diversity</i>		
Select one of the following:		3
PHIL 315	Asian Philosophy - AH, D2	
PHIL 318	Philosophy and Feminism - D1, AH	
PHIL 319	Philosophy of Race and Racism - AH, D1	
PHIL 325	Feminist Medical Ethics	
PHIL 516	African-American Philosophy	
PHIL 518	Feminist Philosophical Literature	
PHIL 519	Topics in Philosophy of Race and Racism	
PHIL 557	African Philosophy	
<b>Minimum Total Hours</b>		<b>22</b>

Code	Title	Hours
<b>Track Requirements (see Track Requirements tab)</b>		<b>47</b>

A minimum of 9 credit hours in Philosophy (PHIL) must be at the 500 level

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
PHIL 502	Philosophy Capstone Seminar - CUE	

- Completion of the intermediate level of a single foreign language
- In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- May be incorporated into other degree requirements

## Track Requirements

### Track in Bioethics

Academic Plan Code(s): PHILBA\_BIO

Code	Title	Hours
<b>Track Requirements</b>		
PHIL 323	Medical Ethics	3
PHIL 580	Foundations of Bioethics	3
Select two of the following:		6
PHIL 521	Ethical Theory - WR	
PHIL 581	Current Controversies in Health Care Ethics	
PHIL 582	Gender, Race, and Culture in Health Care	
PHIL 583	Health Care, Justice & Community	

### Supporting Courses

Minimum Electives (see lists below)	35
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To satisfy this requirement, students may either complete the University of Louisville School of Medicine's recommended pre-med science curriculum or they may take 35 hours of approved electives at the 300+ level.

<b>Minimum Total Hours</b>	<b>47</b>
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### Pre-Med Science Curriculum

Students in the Pre-Med Science Curriculum (<http://louisville.edu/medicine/admissions/app-process/complete-prerequisites/>) option must complete 38 credit hours, but BIOL 240, BIOL 242, CHEM 201, PHYS 221 or PHYS 222 can be used to satisfy a Cardinal Core Natural Sciences-S requirement, resulting in three (3) credit hours available to offset the difference.

Code	Title	Hours
<b>Biology</b>		
BIOL 240	Unity of Life - S	3
BIOL 242	Diversity of Life - S	3
BIOL 244		2
BIOL 329	Cellular and Molecular Biology	3
<b>Chemistry</b>		
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1

CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3
CHEM 343	Organic Chemistry Laboratory I	2
CHEM 344	Organic Chemistry Laboratory II	2
<b>Physics</b>		
PHYS 221	Fundamentals of Physics I - S	3
PHYS 222	Fundamentals of Physics II - S	3
PHYS 223	Fundamentals of Physics Lab I - SL	1
PHYS 224	Fundamentals of Physics Laboratory II - SL	1
<b>Minimum Total Hours</b>		<b>38</b>

**Approved Bioethics Track Electives**

Code	Title	Hours
<i>Select at least 35 credit hours from the following:</i>		
ANTH 340	Human Rights	
ANTH 351	Medical Anthropology	
ECON 355	Health Economics	
PAS 366	Inequality and Health: The Black Experience	
PHIL 521	Ethical Theory - WR	
PHIL 581	Current Controversies in Health Care Ethics	
PHIL 582	Gender, Race, and Culture in Health Care	
PHIL 583	Health Care, Justice & Community	
SOC 342	Medical Sociology	
SOC 343/ WGST 312	Sociology of Women's Health	
SOC 410	Sociology of Aging - CUE	
SOC 415	Sociology of Death & Dying - CUE	
SOC 417	Reproductive Justice	
or WGST 417	Reproductive Justice	
SOC 442	Sociology of Disabilities	
or WGST 415	Sociology of Disabilities	
WGST 364	Women's Health Issues - D1, SB	
or HSS 364	Women's Health Issues - D1, SB	
Appropriate Bioethics electives approved by the department		
<b>Minimum Total Hours</b>		<b>35</b>

**Track in Humanities**

Academic Plan Code(s): PHILBA\_HUM

Code	Title	Hours
<b>Track Requirements</b>		
Select one of the following:		3
PHIL 302	Medieval Philosophy	
PHIL 306	Nineteenth-Century Philosophy	
PHIL 307	Twentieth-Century Philosophy	
PHIL 385	Introduction to Existentialism	
PHIL 572	Phenomenology	
Select one of the following:		3
PHIL 308	Social and Political Philosophy	
PHIL 328	Environmental Ethics	
PHIL 331	Philosophy of the Arts	
PHIL 350	Philosophy of Law	

PHIL 521	Ethical Theory - WR	
PHIL 531	Aesthetics	
PHIL 535	Political Philosophy	
PHIL 538	Critical Social Theory	
PHIL 581	Current Controversies in Health Care Ethics	
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	

**Supporting Courses**

Electives in Humanities Division, other than Philosophy, at 300 level or above	6
Electives in Humanities Division, other than Philosophy, at 400 level or above	6
Minimum Electives	29
<b>Minimum Total Hours</b>	<b>47</b>

**Track in Natural Sciences**

Academic Plan Code(s): PHILBA\_NSC

Code	Title	Hours
<b>Track Requirements</b>		
Select one of the following:		3
PHIL 341	Philosophy of Language - WR	
PHIL 536	Philosophy of Science	
Select one of the following:		3
PHIL 358	Mind and Brain	
PHIL 360	Humanizing Technology - AH	
PHIL 528	Philosophy of Mind	
PHIL 529	Philosophy of Emotions	
PHIL 540	Epistemology - WR	
PHIL 572	Phenomenology	
<b>Supporting Courses</b>		
Electives in the Natural Sciences at the 300 level or above	6	
Electives in the Natural Sciences at the 400 level or above	6	
Minimum Electives	29	
<b>Minimum Total Hours</b>	<b>47</b>	

**Track in Social Sciences**

Academic Plan Code(s): PHILBA\_SSC

Code	Title	Hours
<b>Track Requirements</b>		
Select one of the following:		3
PHIL 306	Nineteenth-Century Philosophy	
PHIL 307	Twentieth-Century Philosophy	
PHIL 385	Introduction to Existentialism	
PHIL 572	Phenomenology	
Select one of the following:		3
PHIL 308	Social and Political Philosophy	
PHIL 328	Environmental Ethics	
PHIL 331	Philosophy of the Arts	
PHIL 350	Philosophy of Law	
PHIL 521	Ethical Theory - WR	

PHIL 531	Aesthetics	
PHIL 535	Political Philosophy	
PHIL 538	Critical Social Theory	
PHIL 581	Current Controversies in Health Care Ethics	
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	
<b>Supporting Courses</b>		
Electives in Social Sciences Division at 300 level or above <sup>1,2</sup>		6
Electives in Social Sciences Division at 400 level or above <sup>2</sup>		6
Minimum Electives		29
<b>Minimum Total Hours</b>		<b>47</b>

<sup>1</sup> It is strongly recommended that three hours be devoted to each of “theory” and “methods” as defined by a particular social science discipline. Student should seek advising with the departmental undergraduate adviser to determine appropriate courses.

<sup>2</sup> In addition to courses counted for General Education or college programmatic requirements.

## Flight Plan

### Track in Bioethics, Pre-Med Science Curriculum Option

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective – SBH		3
Foreign Language 1		4
General Education: Cardinal Core Arts & Humanities – AH, chosen from the following:		3
PHIL 205	Introduction to Philosophy - AH	
PHIL 206	Introduction to Philosophy through Literature and Film - AH	
PHIL 211	Critical Thinking - AH	
PHIL 219	Sex and Values - AH, D1	
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 2		4
General Education: Cardinal Core Quantitative Reasoning – QR		4
General Education: Cardinal Core Arts & Humanities Global Diversity – AHD2 (other than PHIL)		3
General Education: Cardinal Core Oral Communication – OC		3
<b>Hours</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
PHIL 321	Ethics	3
BIOL 240 & BIOL 244	Unity of Life - S	3
Foreign Language 3		4
General Education: Cardinal Core Social & Behavioral Sciences, U.S. Diversity – SBD1		3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
PHIL 323	Medical Ethics	3
BIOL 242	Diversity of Life - S	3

CHEM 201 & CHEM 207 & CHEM 208	General Chemistry I - S Introduction to Chemical Analysis I - SL Introduction to Chemical Analysis II - SL	5
PHYS 221 & PHYS 223	Fundamentals of Physics I - S Fundamentals of Physics Lab I - SL	4
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
PHIL 300	Philosophy in Dialogue	1
Select one of the following:		3
PHIL 301	Ancient Philosophy	
PHIL 304	Philosophy and the Americas	
BIOL 329	Cellular and Molecular Biology	3
CHEM 202 & CHEM 209	General Chemistry II - S Introduction to Chemical Analysis III	4
PHYS 222 & PHYS 224	Fundamentals of Physics II - S Fundamentals of Physics Laboratory II - SL	4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 303	Modern Philosophy	3
CHEM 341 & CHEM 343	Organic Chemistry I Organic Chemistry Laboratory I	5
One of the following:		3
PHIL 521	Ethical Theory - WR	
PHIL 581	Current Controversies in Health Care Ethics	
PHIL 582	Gender, Race, and Culture in Health Care	
PHIL 583	Health Care, Justice & Community	
Normative Philosophy course		3
Social or Natural Sciences elective (any level)		3
<b>Hours</b>		<b>17</b>
<b>Year 4</b>		
<b>Fall</b>		
PHIL 502	Philosophy Capstone Seminar - CUE	3
CHEM 342 & CHEM 344	Organic Chemistry II Organic Chemistry Laboratory II	5
PHIL 580	Foundations of Bioethics	3
Logic course		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
Metaphysics/Epistemology course		3
Humanities WR elective (300-level or above)		3
One of the following:		3
PHIL 521	Ethical Theory - WR	
PHIL 581	Current Controversies in Health Care Ethics	
PHIL 582	Gender, Race, and Culture in Health Care	
PHIL 583	Health Care, Justice & Community	
Social or Natural Sciences elective (300-level or above)		3
Social or Natural Sciences elective (300-level or above)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Track in Bioethics, Bioethics Electives Option

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities – AH, chosen from the following:		3

PHIL 205	Introduction to Philosophy - AH	
PHIL 206	Introduction to Philosophy through Literature and Film - AH	
PHIL 211	Critical Thinking - AH	
PHIL 219	Sex and Values - AH, D1	
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Logic Course		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
General Education: Cardinal Core Arts & Humanities Global Diversity (other than Philosophy) - AHD2		3
Foreign Language 2		4
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
PHIL 321	Ethics	3
Bioethics Track Elective 1 <sup>1</sup>		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHIL 323	Medical Ethics	3
Normative Philosophy Course		3
Metaphysics/Epistemology Course		3
Natural or Social Science elective		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
Select one of the following:		3
PHIL 301	Ancient Philosophy	
PHIL 304	Philosophy and the Americas	
Bioethics Track Elective 2 <sup>1</sup>		3
Bioethics Track Elective 3 <sup>1</sup>		3
Humanities WR elective (300-level or above; non-PHIL course)		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHIL 303	Modern Philosophy	3
Bioethics Track Elective 4 <sup>1</sup>		3
Bioethics Track Elective 5 <sup>1</sup>		3
Bioethics Track Elective 6 <sup>1</sup>		3
Humanities WR elective (300-level or above; non-PHIL course)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
PHIL 300	Philosophy in Dialogue	1
PHIL 502	Philosophy Capstone Seminar - CUE	3
PHIL 580	Foundations of Bioethics	3
Select one of the following:		3
PHIL 521	Ethical Theory - WR	
PHIL 582	Gender, Race, and Culture in Health Care	
PHIL 583	Health Care, Justice & Community	
Bioethics Track Elective 7 <sup>1</sup>		3
Bioethics Track Elective 8 <sup>1</sup>		2
<b>Hours</b>		<b>15</b>

**Spring**

Select one of the following:		3
PHIL 521	Ethical Theory - WR	
PHIL 581	Current Controversies in Health Care Ethics	
PHIL 582	Gender, Race, and Culture in Health Care	
PHIL 583	Health Care, Justice & Community	
Bioethics Track Elective 9 <sup>1</sup>		3
Bioethics Track Elective 10 <sup>1</sup>		3
Bioethics Track Elective 11 <sup>1</sup>		3
Bioethics Track Elective 12 <sup>1</sup>		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122-123</b>

<sup>1</sup> To complete in the hours indicated, Bioethics Track Electives must be selected that will allow the student to also satisfy the Arts & Sciences requirement for hours outside of the division of the degree program.

**Track in Humanities**

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities – AH, chosen from the following:		3
PHIL 205	Introduction to Philosophy - AH	
PHIL 206	Introduction to Philosophy through Literature and Film - AH	
PHIL 211	Critical Thinking - AH	
PHIL 219	Sex and Values - AH, D1	
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Select one of the following:		3
PHIL 311	Introduction to Logic	
PHIL 412	Symbolic Logic	
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2 (non-PHIL course)		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 2		4
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
Select one of the following:		3
PHIL 301	Ancient Philosophy	
PHIL 304	Philosophy and the Americas	
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
General Elective 1		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHIL 303	Modern Philosophy	3
PHIL 321	Ethics	3
PHIL 300	Philosophy in Dialogue	1

Humanities elective (300-level or above; non-PHIL course)	3
General Education: Cardinal Core Natural Sciences - S	3
General Education: Cardinal Core Natural Sciences Lab - SL	1
General Elective 2 (hours determined by QR course)	2-1
<b>Hours</b>	<b>16-15</b>
<b>Year 3</b>	
<b>Fall</b>	
Select one of the following:	3
PHIL 304 Philosophy and the Americas	
PHIL 306 Nineteenth-Century Philosophy	
Metaphysics/Epistemology course	3
Humanities WR elective (300-level or above; non-PHIL course)	3
General Education: Cardinal Core Natural Sciences - S	3
General Elective 3	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Normative Philosophy course	3
Select one of the following:	
PHIL 308 Social and Political Philosophy	
PHIL 328 Environmental Ethics	
PHIL 331 Philosophy of the Arts	
PHIL 350 Philosophy of Law	
PHIL 521 Ethical Theory - WR	
PHIL 531 Aesthetics	
PHIL 535 Political Philosophy	
PHIL 538 Critical Social Theory	
PHIL 581 Current Controversies in Health Care Ethics	
PPE 300 Introduction to Philosophy, Politics, and Economics - SB	
Social Science or Natural Science elective (300-level or above)	3
Social Science or Natural Science elective	3
General elective 4	3
General elective 5	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
PHIL 502 Philosophy Capstone Seminar - CUE	3
Select one of the following:	3
Humanities elective (400-level or above; non-PHIL course)	3
Social Science or Natural Science elective (300 level or above)	3
General elective 6 (PHIL 499 recommended for honors students)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Logic Course	3
Humanities elective (400-level or above; non-PHIL course)	3
General elective 7	3
General elective 8	3
General elective 9	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122</b>

## Track in Natural Sciences

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities – AH, chosen from the following:		3
PHIL 205	Introduction to Philosophy - AH	

PHIL 206	Introduction to Philosophy through Literature and Film - AH	
PHIL 211	Critical Thinking - AH	
PHIL 219	Sex and Values - AH, D1	
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Logic Course		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2 (non-PHIL course)		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 2		4
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
PHIL 301 or PHIL 304	Ancient Philosophy or Philosophy and the Americas	3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
General Elective 1		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHIL 303	Modern Philosophy	3
PHIL 321	Ethics	3
PHIL 300	Philosophy in Dialogue	1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Natural Science elective 1 (300-level or above)		3
General Elective 2 (hours determined by QR course)		1-2
<b>Hours</b>		<b>16-15</b>
<b>Year 3</b>		
<b>Fall</b>		
PHIL 341 or PHIL 536	Philosophy of Language - WR or Philosophy of Science	3
Metaphysics/Epistemology course		3
General Education: Cardinal Core Natural Sciences - S		3
Natural Science elective 2 (400-level or above)		3
General Elective 3		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Normative Philosophy course		3
Social Science or Natural Science elective		3
Social Science or Natural Science elective (300-level or above)		3
General Elective 4		3
General elective 5		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
PHIL 502	Philosophy Capstone Seminar - CUE	3
Select one of the following: <sup>1</sup>		3
PHIL 358	Mind and Brain	
PHIL 360	Humanizing Technology - AH	
PHIL 528	Philosophy of Mind	
PHIL 529	Philosophy of Emotions	
PHIL 540	Epistemology - WR	
PHIL 572	Phenomenology	
Natural Science elective 3 (300-level or above)		3
Social Science or Natural Science elective - WR (300-level or above)		3

General elective 6 (PHIL 499 recommended for honors students)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Natural Science elective 4 (400-level or above)	3
General elective 7 - WR	3
General elective 8	3
General elective 9 (Philosophy, 500-level or above) <sup>1</sup>	3
General elective 10 (Philosophy, 500-level or above) <sup>1</sup>	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122</b>

## Track in Social Sciences

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Arts & Humanities – AH, chosen from the following:		
PHIL 205	Introduction to Philosophy - AH	
PHIL 206	Introduction to Philosophy through Literature and Film - AH	
PHIL 211	Critical Thinking - AH	
PHIL 219	Sex and Values - AH, D1	
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 1		4
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Logic Course		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2 (non-PHIL course)		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 2		4
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
Select one of the following:		3
PHIL 301	Ancient Philosophy	
PHIL 304	Philosophy and the Americas	
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
General Elective 1		3
Foreign Language 3		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHIL 303	Modern Philosophy	3
PHIL 321	Ethics	3
PHIL 300	Philosophy in Dialogue	1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Social Science elective 1 (300-level or above)		3
General Elective 2 (hours determined by QR course)		1-2
<b>Hours</b>		<b>16-15</b>
<b>Year 3</b>		
<b>Fall</b>		
PHIL 306 or PHIL 307	Nineteenth-Century Philosophy or Twentieth-Century Philosophy	3

Metaphysics/Epistemology course	3	
General Education: Cardinal Core Natural Sciences - S	3	
Social Science elective 2 (400-level or above)	3	
General Elective 3	3	
<b>Hours</b>	<b>15</b>	
<b>Spring</b>		
Normative Philosophy course	3	
Social Science or Natural Science elective	3	
Social Science or Natural Science elective (300-level or above)	3	
General Elective 4	3	
General elective 5	3	
<b>Hours</b>	<b>15</b>	
<b>Year 4</b>		
<b>Fall</b>		
PHIL 502	Philosophy Capstone Seminar - CUE	3
Select one of the following: <sup>1</sup>		3
PHIL 308	Social and Political Philosophy	
PHIL 328	Environmental Ethics	
PHIL 331	Philosophy of the Arts	
PHIL 350	Philosophy of Law	
PHIL 531	Aesthetics	
PHIL 521	Ethical Theory - WR	
PHIL 535	Political Philosophy	
PHIL 538	Critical Social Theory	
PHIL 581	Current Controversies in Health Care Ethics	
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	
Social Science elective 3 - WR (300-level or above)	3	
Social Science or Natural Science elective (300-level or above)	3	
General elective 6 (PHIL 499 recommended for honors students)	3	
<b>Hours</b>	<b>15</b>	
<b>Spring</b>		
Social Science elective 4 (400-level or above)	3	
General elective 7 - WR	3	
General elective 8	3	
General elective 9 (Philosophy, 500-level or above) <sup>1</sup>	3	
General elective 10 (Philosophy, 500-level or above) <sup>1</sup>	3	
<b>Hours</b>	<b>15</b>	
<b>Minimum Total Hours</b>	<b>122</b>	

<sup>1</sup> Students who fulfill other requirements with 500-level PHIL courses may be able to complete General electives 8 and/or 9 as an open elective at any level.

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

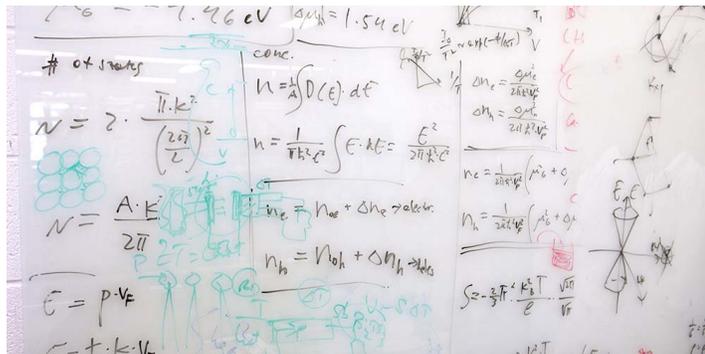
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Physics (BA)**



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Arts in Physics**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Physics and Astronomy (<http://www.physics.louisville.edu/>)  
Academic Plan Code(s): PHYSPA

**Program Information**

The Bachelor of Arts (BA) degree in Physics is designed for substantial pre-professional education for such fields as medicine, patent law, teaching, technical writing, and technical sales. Students preparing for secondary school science teaching may choose electives to help fulfill teaching certification requirements.

Completion of this degree requires work to be submitted for the department’s Learning Outcomes Measurement. For details, contact the department.

**Degree Summary**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	33
	Supporting Courses	35
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

**Departmental Admission Requirements**

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

**General Education Requirements**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31

The following courses are required by the program and can be taken to fulfill the respective General Education Requirement:

CHEM 201	General Chemistry I - S	
	or BIOL 240	Unity of Life - S
MATH 205	Calculus I - QR	
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 295	Introductory Laboratories I - SL	

**Minimum Total Hours** 31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

**College/School Requirements**

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
	or GEN 101	Arts & Sciences First Year Experience
	Foreign Language <sup>2</sup>	12
	Electives in Humanities or Social Sciences <sup>3</sup>	9
	WR—two approved courses at the 300 level or above <sup>4</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

**Program/Major Requirements**

Code	Title	Hours
<b>Department of Physics</b>		
PHYS 295	Introductory Laboratories I - SL	1
PHYS 296	Introductory Laboratories II - SL	1
PHYS 301	Introductory Modern Physics Laboratory	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 300	Introductory Modern Physics	3
PHYS 350	Differential Equations for the Physical Sciences	4
PHYS 460	Mechanics	3
PHYS 530	Thermal Physics	3
	Select one of the following courses:	3
PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	

PHYS electives at the 300 level or above 6

**Minimum Total Hours 33**

Code	Title	Hours
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**Supporting Courses**

MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
BIOL 240 & BIOL 244	Unity of Life - S (&)	5
GEOS 301	Geology for Scientists and Engineers	3
Minimum Electives <sup>1</sup>		6

**Minimum Total Hours 35**

Code	Title	Hours
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**Minimum Hours Required for Degree 121**

Only 40 hours in the major department may be applied toward the Bachelor of Arts Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
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**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing one of the following:

PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	

<sup>1</sup> Ten credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

<sup>2</sup> Completion of the intermediate level of a single foreign language.

<sup>3</sup> In addition to courses counted toward General Education, 6 hours must be at the 300 level or above.

<sup>4</sup> May be incorporated into other degree requirements.

## Flight Plan

Course	Title	Hours
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**Year 1**

**Fall**

GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1
General Education: Cardinal Core Oral Communication - OC		3

**Hours 16**

**Spring**

MATH 206	Calculus II	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL	1
CHEM 201	General Chemistry I - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>17</b>

**Year 2**

**Fall**

MATH 301	Calculus III	4
PHYS 300	Introductory Modern Physics	3
PHYS 301	Introductory Modern Physics Laboratory	1
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
Foreign Language 1		4

**Hours 16**

**Spring**

BIOL 240	Unity of Life - S	3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective (300 level or above)		3
Foreign Language 2		4

**Hours 16**

**Year 3**

**Fall**

PHYS 350	Differential Equations for the Physical Sciences	4
Physics Elective (300 level or above)		3
Foreign Language 3		4
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Humanities or Social Science Elective (300 level or above)		3
BIOL 244		2

**Hours 19**

**Spring**

GEOS 301	Geology for Scientists and Engineers	3
PHYS 460	Mechanics	3
Foreign Language 4 (if needed) or General Elective		3
Physics Elective (300 level or above)		3
Humanities or Social Science WR elective (300 level or above)		3

**Hours 15**

**Year 4**

**Fall**

PHYS 541	Electromagnetic Fields	3
Select one of the following:		3
PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	

Humanities or Social Science WR Elective (300 level or above)		3
General Elective (300 level or above)		3

**Hours 12**

**Spring**

General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Elective		3
General Elective (300 level or above)		2
General Elective (300 level or above)		3

PHYS 530	Thermal Physics	3
	<b>Hours</b>	<b>14</b>
	<b>Minimum Total Hours</b>	<b>125</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

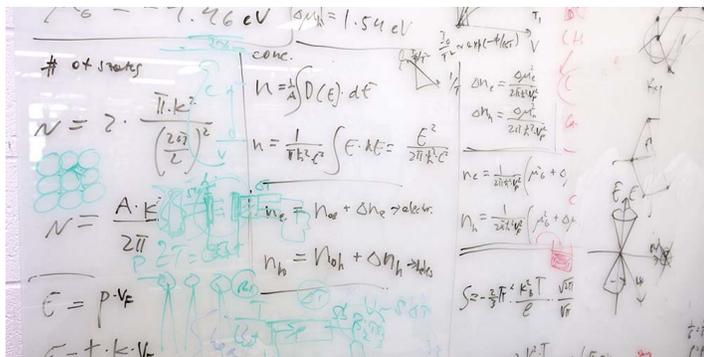
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Physics (BS)**



This program was approved for students entering the university in the Summer 2021 –Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Physics**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Department: Physics and Astronomy (<http://www.physics.louisville.edu/>)  
 Academic Plan Code(s): See Track Requirements tab.

**Program Information**

The Bachelor of Science (BS) degree is intended as preparation for entry into graduate programs in Physics and other scientific or engineering fields. It also provides suitable training for entering the workforce in a technical position.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

**Degree Summary**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15
	Program/Major Requirements <sup>1</sup>	44-45
	Supporting Courses	30-33
	Track Requirements	9-10
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Twelve credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

**Accelerated BS/MS (Master of Science) in Physics**

Physics majors who are considering pursuing a master's degree (MS) in Physics can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BS/MS take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply for admission to the program in the first semester of the senior year (i.e., after completing 90 hours). Applicants must have completed at least 21 credit hours in Physics before applying to the program with at least a 3.0 GPA in Physics courses and a 3.35 university GPA. Students must also maintain a 3.0 GPA after they are admitted to the BS/MS program.

**Departmental Admission Requirements**

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

**Accelerated BS/MS (Master of Science) in Physics Program**

Applicants apply for admission to the five-year accelerated program in the first semester of the senior year and must meet the following criteria:

- The applicant will have completed at least 21 credit hours in Physics before applying to the program.
- The applicant will have maintained at least a 3.0 GPA in Physics courses and a 3.35 GPA overall.

All applicants must submit an application along with GRE General test score consistent with MS in Physics program (<http://catalog.louisville.edu/graduate/programs-study/master-science-physics/>) guidelines.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
The following courses are required by the program and should be taken to fulfill the respective General Education Requirement:		
CHEM 201	General Chemistry I - S	
PHYS 298	Introductory Mechanics, Heat and Sound - S	
PHYS 295	Introductory Laboratories I - SL	
MATH 205	Calculus I - QR	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>2</sup>	6-8
	Electives in Humanities or Social Sciences at 300 level or above <sup>3</sup>	6
	WR—two approved courses at the 300 level or above <sup>4</sup>	
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Physics</b>		
PHYS 295	Introductory Laboratories I - SL	1
PHYS 296	Introductory Laboratories II - SL	1
PHYS 301	Introductory Modern Physics Laboratory	1
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 300	Introductory Modern Physics	3
PHYS 351	Atomic and Nuclear Physics Laboratory	2
PHYS 350	Differential Equations for the Physical Sciences	4
PHYS 460	Mechanics	3
PHYS 530	Thermal Physics	3
PHYS 541	Electromagnetic Fields	3
PHYS 555	Elementary Quantum Mechanics	3
<b>Culminating Undergraduate Experience (CUE) Select one of the following:</b>		<b>3</b>
PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	
<b>Professional, Astronomy and Astrophysics, Applied, or Atmospheric 9-10 Track (see track tab for requirements)</b>		
<b>Minimum Total Hours</b>		<b>44-45</b>

Code	Title	Hours
<b>Supporting Courses</b>		
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
Minimum Electives <sup>1,5</sup>		12-15
<b>Minimum Total Hours</b>		<b>30-33</b>

Code	Title	Hours
<b>Minimum Hours Required for Degree</b>		<b>121</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	

- Ten (10) credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.
- Completion of the intermediate level of a single foreign language.
- In addition to courses counted toward General Education, 6 hours must be at the 300 level or above.
- May be incorporated into other degree requirements
- Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Track Requirements

### Track in Applied Physics

Academic Plan Code(s): PHYSBS\_APP

Code	Title	Hours
Select one of the following:		1-2
PHYS 308	Observational Astronomy	
PHYS 356	Optics Laboratory	
PHYS 546	Advanced Optics Lab	
Select one of the following:		3
PHYS 542	Electromagnetic Radiation	
PHYS 545	Advanced Optics	
PHYS 547	Fundamentals of Lasers	
PHYS 556	Quantum Theory of Matter	
PHYS 565	Advanced Computational and Numerical Methods in Physics	
PHYS 570	Atomic and Molecular Physics	

PHYS 575	Solid State Physics	
PHYS 580	Nuclear Physics	
PHYS 585	Elementary Particle Physics	
PHYS 589	General Relativity	
PHYS 590	Astrophysics	
PHYS electives: PHYS courses at 300 level or above to total nine hours beyond core		4-5
<b>Minimum Total Hours</b>		<b>9-10</b>

Alternate choices within or outside of the department are possible with approval.

### Track in Astronomy and Astrophysics

Academic Plan Code(s): PHYSBS\_ASP

Code	Title	Hours
PHYS 307	Introductory Stellar Astrophysics	3
PHYS 308	Observational Astronomy	1
PHYS 355	Optics	3
PHYS 590	Astrophysics	3
<b>Minimum Total Hours</b>		<b>10</b>

### Track in Professional

Academic Plan Code(s): PHYSBS

Code	Title	Hours
PHYS 542	Electromagnetic Radiation	3
PHYS 556	Quantum Theory of Matter	3
PHYS 498	Undergraduate Research	3
<b>Minimum Total Hours</b>		<b>9</b>

### Track in Atmospheric Physics

Academic Plan Code(s): PHYSBS\_ATP

Code	Title	Hours
PHYS 363	Atmospheric Physics	3
PHYS 464	Atmospheric Dynamics	3
PHYS 517	Physics of Climate	3
or PHYS 518	Space Weather	
<b>Minimum Total Hours</b>		<b>9</b>

## Flight Plan

### Track in Applied Physics

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1

General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
MATH 206	Calculus II	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL	1
CHEM 201	General Chemistry I - S	3
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>

<b>Year 2</b>		
<b>Fall</b>		
MATH 301	Calculus III	4
PHYS 300	Introductory Modern Physics	3
PHYS 301	Introductory Modern Physics Laboratory	1
PHYS 350	Differential Equations for the Physical Sciences	4
CHEM 202	General Chemistry II - S	3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
PHYS 351	Atomic and Nuclear Physics Laboratory	2
PHYS 530	Thermal Physics	3
PHYS 460	Mechanics	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>14</b>

<b>Year 3</b>		
<b>Fall</b>		
PHYS 541	Electromagnetic Fields	3
Select one of the following:		1-2
PHYS 308	Observational Astronomy	
PHYS 356	Optics Laboratory	
PHYS 546	Advanced Optics Lab	
Foreign Language 1		3-4
General Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>17-18</b>

<b>Spring</b>		
Physics track course		3
Humanities or Social Science WR elective (300 level or above)		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>

<b>Year 4</b>		
<b>Fall</b>		
PHYS 555	Elementary Quantum Mechanics	3
Select one of the following:		3
PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	
Physics elective (300 level or above)		3
General elective		3
General elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
General Elective		3
Humanities or Social Science WR elective (300 level or above)		3
General elective		3
General elective		3

General elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122-124</b>

## Track in Astronomy and Astrophysics

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 206	Calculus II	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL	1
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MATH 301	Calculus III	4
PHYS 300	Introductory Modern Physics	3
PHYS 301	Introductory Modern Physics Laboratory	1
PHYS 350	Differential Equations for the Physical Sciences	4
CHEM 201	General Chemistry I - S	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 351	Atomic and Nuclear Physics Laboratory	2
PHYS 460	Mechanics	3
CHEM 202	General Chemistry II - S	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Elective		3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
PHYS 307	Introductory Stellar Astrophysics	3
PHYS 308	Observational Astronomy	1
PHYS 355	Optics	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Humanities or Social Science WR Elective (300 level or above)		3
Foreign Language 1		3-4
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
PHYS 590	Astrophysics	3
PHYS 530	Thermal Physics	3
General Elective		3
General Elective		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>
<b>Year 4</b>		
<b>Fall</b>		
PHYS 541	Electromagnetic Fields	3
PHYS 555	Elementary Quantum Mechanics	3

Select one of the following:	3
PHYS 430	Practicum in Physics Education - CUE
PHYS 496	Senior Seminar in Physics - CUE, WR
PHYS 497	Senior Thesis in Physics - WR, CUE
PHYS 499	Cooperative Internship in Physics - CUE
General Elective	3
General Elective	2-3
<b>Hours</b>	<b>14-15</b>
<b>Spring</b>	
Humanities or Social Science WR elective (300 level or above)	3
General Elective (300 level or above)	3
General Elective (300 level or above)	3
General Elective (300 level or above)	3
General Elective	1-2
<b>Hours</b>	<b>13-14</b>
<b>Minimum Total Hours</b>	<b>121-125</b>

## Track in Atmospheric Physics

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
PHYS 220 or GEOS 220	Introduction to Weather and Climate - S or Introduction to Weather and Climate - S	3
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
MATH 206	Calculus II	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL	1
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
CHEM 201	General Chemistry I - S	3
MATH 301	Calculus III	4
PHYS 300	Introductory Modern Physics	3
PHYS 301	Introductory Modern Physics Laboratory	1
PHYS 350	Differential Equations for the Physical Sciences	4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
CHEM 202	General Chemistry II - S	3
PHYS 351	Atomic and Nuclear Physics Laboratory	2
PHYS 460	Mechanics	3
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
<b>Hours</b>		<b>17</b>
<b>Year 3</b>		
<b>Fall</b>		
PHYS 363	Atmospheric Physics	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Humanities or Social Science WR Elective (300 level or above)		3
Foreign Language 1		3-4

General Elective		3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
PHYS 464	Atmospheric Dynamics	3
PHYS 530	Thermal Physics	3
Foreign Language 2		3-4
General Elective		3
General Elective		3
<b>Hours</b>		<b>15-16</b>
<b>Year 4</b>		
<b>Fall</b>		
PHYS 541	Electromagnetic Fields	3
PHYS 555	Elementary Quantum Mechanics	3
Select one of the following:		3
PHYS 517	Physics of Climate	
or General Elective		
Select one of the following:		1-3
PHYS 430	Practicum in Physics Education - CUE	
or Senior Seminar in Physics - CUE, WR		
PHYS 496	or Senior Thesis in Physics - WR, CUE	
or Cooperative Internship in Physics - CUE		
PHYS 497		
or		
PHYS 499		
General Elective		3
<b>Hours</b>		<b>13-15</b>
<b>Spring</b>		
Select one of the following:		3
PHYS 518	Space Weather	
or General Elective		
Humanities or Social Science WR elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-125</b>

## Track in Professional Physics

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101		or Arts & Sciences First Year Experience
ENGL 101	Introduction to College Writing - WC	3
MATH 205	Calculus I - QR	4
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
MATH 206	Calculus II	4
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL	1
CHEM 201	General Chemistry I - S	3
ENGL 102	Intermediate College Writing - WC	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
MATH 301	Calculus III	4
PHYS 300	Introductory Modern Physics	3
PHYS 301	Introductory Modern Physics Laboratory	1

PHYS 350	Differential Equations for the Physical Sciences	4
CHEM 202	General Chemistry II - S	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 351	Atomic and Nuclear Physics Laboratory	2
PHYS 460	Mechanics	3
Humanities or Social Science WR elective (300 level or above)		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>14</b>
<b>Year 3</b>		
<b>Fall</b>		
PHYS 541	Electromagnetic Fields	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Arts & Humanities - AH		3
Foreign Language 1		3-4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHYS 530	Thermal Physics	3
PHYS 542	Electromagnetic Radiation	3
Foreign Language 2		3-4
General Elective		3
General Elective		3
<b>Hours</b>		<b>15-16</b>
<b>Year 4</b>		
<b>Fall</b>		
PHYS 498	Undergraduate Research	1-3
PHYS 555	Elementary Quantum Mechanics	3
Select one of the following:		3
PHYS 430	Practicum in Physics Education - CUE	
PHYS 496	Senior Seminar in Physics - CUE, WR	
PHYS 497	Senior Thesis in Physics - WR, CUE	
PHYS 499	Cooperative Internship in Physics - CUE	
Humanities or Social Science WR Elective (300 level or above)		3
General Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHYS 556	Quantum Theory of Matter	3
General Elective (300 level or above)		3
General Elective (300 level or above)		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-122</b>

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.

- To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Political Science (BA)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Political Science

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Political Science (<http://louisville.edu/politicalscience/>)  
Academic Plan Code(s): See Track Requirements tab.

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<https://louisville.edu/online/programs/bachelors/online-bachelor-of-arts-in-political-science/>).*

Bachelor of Arts in Political Science program at UofL cultivates an understanding of policy, politics and governments in the United States and around the globe. We offer a wide range of courses including campaigns and elections, the Presidency and Congress, social movements and civil rights, terrorism and war, constitutional law, environmental policy, religious politics, urban politics and poverty, and international politics. The department is a particularly inviting environment for students, with small class sizes, our own building, a computer lab, and options to specialize via several tracks in our major.

Political Science majors at the University of Louisville have been extremely successful in earning prestigious scholarships and fellowships. The roster of recent successes includes numerous Fulbright Award winners and multiple Truman Scholars. Since 2010, three of our students have won the annual Mary Churchill Humphrey scholarship, often described as UofL's Rhodes Scholarship because it supports graduate study in Great Britain. Many of our majors go on to have successful careers in government, international affairs, nongovernmental organizations, business, academia, and media.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	15
	Track Requirements <sup>1, 2</sup>	53
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

<sup>2</sup> Political Science offers three BA options (two tracks and one non-track). For all three options, including the non-track, please refer to the Track Requirements tab.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA-BS/MA in Political Science

Political Science majors who are considering pursuing a master's degree (MA) in Political Science can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply for admission to the program in the first semester of the senior year (i.e., after completing 90 hours). Applicants must meet the general requirements for admission to the Graduate School and must submit an application to the Department of Political Science. Applicants should have an undergraduate major or minor in social science or have sufficient alternative preparation in the social sciences.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

POLS 202	Introduction to Comparative Politics - SB, D2
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<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Political Science</b>		
POLS 201	Introduction to American Government and Politics - SB <sup>4</sup>	3
POLS 202	Introduction to Comparative Politics - SB, D2 <sup>4</sup>	3
POLS 330	International Relations	3
POLS 390	Contemporary Political Research <sup>5</sup>	3
POLS 495	Senior Seminar - WR, CUE (CUE) <sup>6</sup>	3
<b>Minimum Total Hours</b>		<b>15</b>

Code	Title	Hours
<b>Track Requirements (see tracks tab for coursework) <sup>7</sup></b>		
		<b>53</b>

No more than 6 hours of POLS 430, POLS 510, POLS 511 and/or POLS 512 may count toward the major.

Only 40 hours in the major department may be applied toward the Bachelor of Arts Degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
POLS 495	Senior Seminar - WR, CUE	

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Fulfills General Education requirement.
- <sup>5</sup> Substitutions may be approved by the departmental advisor.
- <sup>6</sup> Fulfills WR requirement.
- <sup>7</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Track Requirements

Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

### Track in Applied Politics

Academic Plan Code(s): POLSBA\_APO

Code	Title	Hours
<b>Political Institutions</b>		
Select two of the following:		6
POLS 302	Urban Political Economy	
POLS 305	Urban Politics	
POLS 306	State Government	
POLS 311	American Presidency	
POLS 314	Judicial Politics	
POLS 317	American Congress	
POLS 325	Public Administration	

POLS 326	Public Policy - SB	
POLS 331	The United Nations and International Organization - WR	

<b>Political Identity and Behavior</b>		
Select two of the following:		6

POLS 316	Gender, Sexuality & Law	
POLS 318	Religion and United States Politics - D1, SB	
POLS 319	Media and Politics	
POLS 320	Civil Rights and the Law II	
POLS 321	Political Psychology and Public Opinion - SB	
POLS 322	American Political Parties and Elections - SB	
POLS 323	Queer Politics	
POLS 324	Women in American Politics	
POLS 327	African-American Politics - D1, SB	
POLS 328	Information Technology and Politics	
POLS 335	Global Environmental Politics	
POLS 563	Women in Developing Countries - WR	

<b>Experiential Learning</b>		
Select one of the following:		3

POLS 310	Policy, Community & Service	
POLS 430	Political Science Internship I	
POLS 465	Chinese Culture	
POLS 510	Louisville Metro Council Internship	
POLS 511	Internship II	
POLS 512	Frankfort Legislative Internship	
POLS 520	Coping with Conflict	
POLS 530	International Negotiation	

POLS Elective		3
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<b>Supporting Courses</b>		
ECON 202	Principles of Macroeconomics - SB	3
Minimum Electives		32

<b>Minimum Total Hours</b>		<b>53</b>
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## Track in Global Politics and International Affairs

Academic Plan Code(s): POLSBA\_GIA

Code	Title	Hours
<b>International Relations Area</b>		
Select two of the following:		6

POLS 331	The United Nations and International Organization - WR	
POLS 332	International Law - WR	
POLS 333	American Foreign Policy	
POLS 334	The Politics of Global Economic Relations	
POLS 335	Global Environmental Politics	
POLS 336	Politics of European Integration and Foreign Policy	
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	
POLS 338	National and International Security: Issues and Policies	
POLS 339	Terrorism	
POLS 341	Political Violence	
POLS 363	Politics of Oil	

POLS 364	World Order	
POLS 371	Latin America in the World	
POLS 406	Topics in International Relations	
POLS 437	The United States and East Asia - WR	
POLS 450	Topics in World Affairs	
POLS 506	Topics in International Relations	
POLS 520	Coping with Conflict	
POLS 530	International Negotiation	
<b>Comparative Politics Area</b>		
Select two of the following:		6
POLS 304	Comparative Urban Politics	
POLS 328	Information Technology and Politics	
POLS 340	Politics and Government of Western Europe	
POLS 341	Political Violence	
POLS 345	Russia and Eurasia - WR	
POLS 347	Democratization	
POLS 349	Comparative Political Culture - WR	
POLS 350	African Government and Politics	
POLS 355	Introduction to Middle East Politics	
POLS 356	Political Islam	
POLS 357	Religion and International Politics - SB, D2	
POLS 362	Comparative Political Economy	
POLS 363	Politics of Oil	
POLS 365	The People's Republic of China - D2, SB, WR	
POLS 366	Politics of East Asia - SB, D2	
POLS 367	Politics and Government of Southeast Asia	
POLS 370	Latin American Politics - SB, D2	
POLS 371	Latin America in the World	
POLS 402	Topics in Comparative Politics	
POLS 437	The United States and East Asia - WR	
POLS 502	Topics in Comparative Politics	
POLS 563	Women in Developing Countries - WR	
POLS Electives <sup>1</sup>		6
<b>Supporting Courses</b>		
ECON 202	Principles of Macroeconomics - SB	3
Minimum Electives		32
<b>Minimum Total Hours</b>		<b>53</b>

## No-Track Political Science BA

Academic Plan Code(s): POLSBA, POLSBAO

Students in this plan of study are required to take at least one course from each of Political Science's five subfields.

Code	Title	Hours
<b>American Politics <sup>2</sup></b>		
Select one of the following:		
POLS 306	State Government	
POLS 311	American Presidency	
POLS 312	Constitutional Law	
POLS 313	Constitutional Law	
POLS 314	Judicial Politics	
POLS 315	Race, Law and Politics - SB, D1	

POLS 316	Gender, Sexuality & Law	
POLS 317	American Congress	
POLS 318	Religion and United States Politics - D1, SB	
POLS 319	Media and Politics	
POLS 320	Civil Rights and the Law II	
POLS 321	Political Psychology and Public Opinion - SB	
POLS 322	American Political Parties and Elections - SB	
POLS 323	Queer Politics	
POLS 324	Women in American Politics	
POLS 327	African-American Politics - D1, SB	
POLS 401	Topics in American Politics - WR	
POLS 501	Topics in American Politics	
POLS 507	Topics in Digital Politics	
<b>Public Policy <sup>2, 3</sup></b>		<b>3</b>
Select one of the following:		
POLS 302	Urban Political Economy	
POLS 304	Comparative Urban Politics	
POLS 305	Urban Politics	
POLS 310	Policy, Community & Service	
POLS 325	Public Administration	
POLS 326	Public Policy - SB	
POLS 333	American Foreign Policy	
POLS 405	Topics in Public Policy	
POLS 426	Environmental Policy	
POLS 505	Topics in Urban and Public Policy	
POLS 510	Louisville Metro Council Internship	
POLS 511	Internship II	
POLS 512	Frankfort Legislative Internship	
<b>International Relations <sup>2, 3, 4, 5</sup></b>		<b>3</b>
Select one of the following:		
POLS 331	The United Nations and International Organization - WR	
POLS 332	International Law - WR	
POLS 333	American Foreign Policy	
POLS 334	The Politics of Global Economic Relations	
POLS 335	Global Environmental Politics	
POLS 336	Politics of European Integration and Foreign Policy	
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	
POLS 338	National and International Security: Issues and Policies	
POLS 339	Terrorism	
POLS 341	Political Violence	
POLS 363	Politics of Oil	
POLS 364	World Order	
POLS 371	Latin America in the World	
POLS 406	Topics in International Relations	
POLS 450	Topics in World Affairs	
POLS 437	The United States and East Asia - WR	
POLS 506	Topics in International Relations	
POLS 520	Coping with Conflict	
POLS 530	International Negotiation	
<b>Comparative Politics <sup>2, 4, 5</sup></b>		<b>3</b>

Select one of the following:

POLS 304	Comparative Urban Politics
POLS 328	Information Technology and Politics
POLS 340	Politics and Government of Western Europe
POLS 345	Russia and Eurasia - WR
POLS 341	Political Violence
POLS 347	Democratization
POLS 349	Comparative Political Culture - WR
POLS 350	African Government and Politics
POLS 355	Introduction to Middle East Politics
POLS 356	Political Islam
POLS 362	Comparative Political Economy
POLS 363	Politics of Oil
POLS 366	Politics of East Asia - SB, D2
POLS 365	The People's Republic of China - D2, SB, WR
POLS 367	Politics and Government of Southeast Asia
POLS 370	Latin American Politics - SB, D2
POLS 371	Latin America in the World
POLS 402	Topics in Comparative Politics
POLS 437	The United States and East Asia - WR
POLS 502	Topics in Comparative Politics
POLS 563	Women in Developing Countries - WR

**Political Theory**<sup>2</sup> **3**

Select one of the following:

POLS 381	Early Political Thought
POLS 382	Modern Political Thought
POLS 383	American Political Thought
POLS 384	Democracy and Its Critics - WR
POLS 386	Political Theory and Utopia - WR
POLS 387	American Utopian Communities
POLS 388	Contemporary Political Theory
POLS 404	Topics in Political Theory
POLS 504	Topics in Political Theory - WR
POLS 568	Feminist Theory - WR

**Political Science Electives** **6**

**Supporting Courses**

ECON 202	Principles of Macroeconomics - SB	3
Electives in Social Sciences other than Political Science, with 9 hours at the 300-level or above		15
Minimum Electives		14

**Minimum Total Hours** **53**

- <sup>1</sup> The department encourages students to satisfy a portion of the elective requirement through completion of experiential learning courses such as POLS 430, POLS 465, POLS 510, POLS 511, POLS 520 or POLS 530.
- <sup>2</sup> POLS 399 may be an appropriate elective under any category depending on its topic in a given semester. A student must obtain her/his advisor's approval before attempting to use this course to satisfy an area requirement.
- <sup>3</sup> POLS 333 may be used as an elective option under Public Policy or International Relations. It may only satisfy one requirement. It may not be used to satisfy both requirements.

- <sup>4</sup> POLS 341 may be used as an elective option under International Relations and Comparative Politics. It may only satisfy one requirement. It may not be used to satisfy both requirements.
- <sup>5</sup> POLS 363 may be used as an elective option under International Relations and Comparative Politics. It may only satisfy one requirement. It may not be used to satisfy both requirements.

## Flight Plan

### No Track - Political Science (BA)

Academic Plan Code(s): POLSBA

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
POLS 201	Introduction to American Government and Politics - SB	3
POLS 111	Political Discourse - OC	3
ECON 202	Principles of Macroeconomics - SB	3
Foreign Language 1		3-4
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
POLS 202	Introduction to Comparative Politics - SB, D2	3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 2		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 3		3-4
Political Science American Politics elective		3
General Elective		3
<b>Hours</b>		<b>15-17</b>
<b>Spring</b>		
POLS 330	International Relations	3
Humanities or Natural Science Wr elective (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Foreign Language 4		3-4
Political Science Comparative Politics elective		3
<b>Hours</b>		<b>16-17</b>
<b>Year 3</b>		
<b>Fall</b>		
Social Science elective		3
Social Science elective (300 level or above)		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Political Science International Relations elective		3
Humanities or Natural Science elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 390	Contemporary Political Research	3
Political Science Public Policy elective		3
Social Science elective (300 level or above)		3
General Education: Cardinal Core Arts & Humanities - AH		3

Social Science elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Social Science elective (300 level or above)	3
Political Science Political Theory elective	3
Humanities or Natural Science elective (300 level or above)	3
Political Science elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 495 Senior Seminar - WR, CUE	3
Political Science elective	3
General elective	3
General elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122-126</b>

## Track in Applied Politics

Academic Plan Code(s): POLSBA\_APO

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
POLS 201	Introduction to American Government and Politics - SB	3
Foreign Language 1		3-4
General Elective		3
General Elective		2
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
POLS 202	Introduction to Comparative Politics - SB, D2	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
POLS 330	International Relations	3
General Elective		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 3		3-4
<b>Hours</b>		<b>15-17</b>
<b>Spring</b>		
ECON 202	Principles of Macroeconomics - SB	3
Humanities or Natural Science WR Elective (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Elective		3
Foreign Language 4		3-4
<b>Hours</b>		<b>16-17</b>
<b>Year 3</b>		
<b>Fall</b>		
General elective		3

General elective (300 level or above)	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
Political Science elective	3
Humanities or Natural Science elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 390 Contemporary Political Research	3
Political Science Political Institutions course	3
General elective (300 level or above)	3
General Education: Cardinal Core Arts & Humanities - AH	3
Political Science Experiential Learning course	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Political Science Political Institutions course	3
Political Science Political Identity course	3
General elective (300 level or above)	3
General elective	3
Humanities or Natural Science elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
POLS 495 Senior Seminar - WR, CUE	3
Political Science Political Identity course	3
General elective	3
General elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>121-126</b>

## Track in Global Politics and International Affairs

Academic Plan Code(s): POLSBA\_GIA

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
POLS 201	Introduction to American Government and Politics - SB	3
Foreign Language 1		3-4
General elective		3
General elective		2
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
POLS 202	Introduction to Comparative Politics - SB, D2	3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
Foreign Language 2		3-4
<b>Hours</b>		<b>15-16</b>
<b>Year 2</b>		
<b>Fall</b>		
POLS 330	International Relations	3
General Elective		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
Foreign Language 3		3-4
<b>Hours</b>		<b>15-17</b>

<b>Spring</b>		
ECON 202	Principles of Macroeconomics - SB	3
Humanities or Natural Science WR Elective (300 level or above)		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General elective		3
Foreign Language 4		3-4
<b>Hours</b>		<b>16-17</b>
<b>Year 3</b>		
<b>Fall</b>		
General Education: Cardinal Core Arts & Humanities - AH		3
Humanities or Natural Science elective (300 level or above)		3
General elective		3
General elective		3
General elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 390	Contemporary Political Research	3
Political Science International Relations course		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
Social Science elective		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Political Science International Relations course		3
Political Science Comparative Politics course		3
Humanities or Natural Science elective (300 level or above)		3
Political Science elective		3
General elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 495	Senior Seminar - WR, CUE	3
Political Science Comparative Politics course		3
Political Science elective		3
General elective		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121-126</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the

ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Political Science (BS)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Political Science

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Political Science (<http://louisville.edu/politicalscience/>)  
Academic Plan Code(s): POLSBS\_LP.

## Program Information

Bachelor of Science in Political Science program at UofL cultivates an understanding of policy, politics and governments in the United States and around the globe. We offer a wide range of courses including campaigns and elections, the Presidency and Congress, social movements and civil rights, terrorism and war, constitutional law, environmental policy, religious politics, urban politics and poverty, and international politics. The department is a particularly inviting environment for students, with small class sizes, our own building, a computer lab, and options to specialize via several tracks in our major.

Political Science majors at the University of Louisville have been extremely successful in earning prestigious scholarships and fellowships. The roster of recent successes includes numerous Fulbright Award winners and multiple Truman Scholars. Since 2010, three of our students have won the annual Mary Churchill Humphrey scholarship, often described as UofL's Rhodes Scholarship because it supports graduate study in Great Britain. Many of our majors go on to have successful careers in government, international affairs, nongovernmental organizations, business, academia, and media.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
College/School Requirements		13-15
Program/Major Requirements		42
Supporting Courses		33-35
<b>Minimum Total Hours</b>		<b>121</b>

Specific coursework information can be found on the Degree Requirements tab.

### Accelerated BA-BS/MA in Political Science

Political Science majors who are considering pursuing a master's degree (MA) in Political Science can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply for admission to the program in the first semester of the senior year (i.e., after completing 90 hours). Applicants must meet the general requirements for admission to the Graduate School and must submit an application to the Department of Political Science. Applicants should have an undergraduate major or minor in social science or have sufficient alternative preparation in the social sciences.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website: [louisville.edu/artsandsciences/advising/apply](http://louisville.edu/artsandsciences/advising/apply) (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

The following courses are required by the program or program tracks and can satisfy the respective General Education Requirement(s):

POLS 202	Introduction to Comparative Politics - SB, D2
ECON 201	Principles of Microeconomics - SB

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	6-8
	Electives in Humanities or Natural Sciences at 300 level or above <sup>2</sup>	6
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Political Science</b>		
POLS 201	Introduction to American Government and Politics - SB	3
POLS 202	Introduction to Comparative Politics - SB, D2	3
POLS 325 or POLS 326	Public Administration <sup>5</sup> Public Policy - SB	3
POLS 330	International Relations	3
POLS 390	Contemporary Political Research	3
POLS 495	Senior Seminar - WR, CUE <sup>6</sup>	3
<b>Law and Jurisprudence Area</b>		
Select three courses:		9
POLS 312	Constitutional Law	
POLS 313	Constitutional Law	

POLS 314	Judicial Politics
POLS 315	Race, Law and Politics - SB, D1
POLS 320	Civil Rights and the Law II
POLS 332	International Law - WR <sup>5</sup>
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.

### Public Policy Area

Select two courses:		6
POLS 302	Urban Political Economy	
POLS 304	Comparative Urban Politics	
POLS 305	Urban Politics	
POLS 310	Policy, Community & Service	
POLS 325	Public Administration <sup>6</sup>	
POLS 326	Public Policy - SB <sup>6</sup>	
POLS 333	American Foreign Policy	
POLS 405	Topics in Public Policy	
POLS 426	Environmental Policy	
POLS 505	Topics in Urban and Public Policy	
POLS 510	Louisville Metro Council Internship	
POLS 511	Internship II	
POLS 512	Frankfort Legislative Internship	

Political Science electives	9
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<b>Minimum Total Hours</b>	<b>42</b>
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Code	Title	Hours
<b>Supporting Courses</b>		
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
Electives in Social Science other than Political Science, with 6 hours at the 300 level or above		12
Minimum Electives		15-17
<b>Minimum Total Hours</b>		<b>33-35</b>

No more than 6 hours of POLS 430, POLS 510, POLS 511 and/or POLS 512 may count toward the major.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
POLS 495	Senior Seminar - WR, CUE	

- <sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- <sup>2</sup> In addition to courses counted toward General Education
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Fulfills general education requirement.
- <sup>5</sup> Fulfills WR requirement.
- <sup>6</sup> May not be double-counted for public policy area requirement if used for core requirement or for both a programmatic and supporting course.

## Flight Plan

COURSE	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 101 or GEN 100	Arts & Sciences First Year Experience or Student Success Center First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
POLS 201	Introduction to American Government and Politics - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
Foreign Language 1		3-4
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3-4
General Elective		3
Foreign Language 2		3-4
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
POLS 202	Introduction to Comparative Politics - SB, D2	3
POLS 330	International Relations	3
Social Science elective (300 level or above)		3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 325 or POLS 326	Public Administration or Public Policy - SB	3
ECON 201	Principles of Microeconomics - SB	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Political Science Law course		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Humanities or Natural Sciences WR elective (300 level or above)		3
ECON 202	Principles of Macroeconomics - SB	3
Political Science Law course		3
Political Science Public Policy course		3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Humanities or Natural Science elective (300 level or above)		3
Social Science elective		3
Political Science Law course		3
POLS 390	Contemporary Political Research	3
Social Science elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Political Science Public Policy course		3
Political Science elective		3
Social Science elective (300 level or above)		3
General Elective		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
POLS 495	Senior Seminar - WR, CUE	3

Political Science elective	3
Political Science elective	3
General elective	3
General elective	3
<b>Hours</b>	
<b>15</b>	
<b>Minimum Total Hours</b>	
<b>121-122</b>	

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

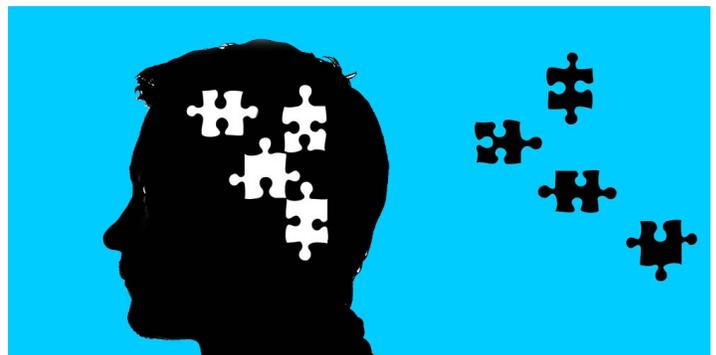
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Psychology (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Psychology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Psychological and Brain Sciences (<http://louisville.edu/psychology/>)

Academic Plan Code(s): PSYCBA, PSYCBA\_0

## Program Information

This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-psychology/>).

The BA in Psychology prepares students for most bachelor's-level careers as well as graduate school in psychology and other professional domains. Students develop the critical thinking and communication skills necessary to gather, interpret and present data. Psychology students can become intelligent consumers of information and active investigators of the fields of cognition, behavior, and brain science and how each facet of psychology impacts everyday decision-making.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	39
	Supporting Courses	29
	<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the major in Psychology requires:

1. Completion of PSYC 201 with a minimum grade of C;<sup>1</sup>
2. Completion of General Education: Cardinal Core Quantitative Reasoning - QR course with a minimum grade of C;<sup>1</sup>
3. Completion of PSYC 301 Statistics for Psychology with a minimum grade of C;<sup>1</sup>
4. Completion of PSYC 302 Research Methods for Psychology with a minimum grade of C;<sup>1</sup>
5. Completion of 30 hours of degree-applicable credit with a minimum grade point average of 2.0; and
6. A minimum grade point average of 2.0 in Psychology.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

<sup>1</sup> Grades of C minus are not accepted.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following course is required by the program and can satisfy a General Education Requirement:

PSYC 201	Introduction to Psychology - SB
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\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
	<b>Minimum Total Hours</b>	<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Psychological and Brain Sciences</b>		
PSYC 201	Introduction to Psychology - SB <sup>4,9</sup>	3
PSYC 301	Statistics for Psychology <sup>5,9</sup>	3
PSYC 302	Research Methods for Psychology <sup>9</sup>	3
<i>Core requirements</i>		
PSYC 305	Brain and Behavior	3
PSYC 306	Life Span Developmental Psychology	3
PSYC 307	Cognitive Processes	3
PSYC 308	Abnormal Psychology	3
	Psychology elective courses (300 level or higher)	15
	Psychology CUE course (see list below)	3
	<b>Minimum Total Hours</b>	<b>39</b>

Code	Title	Hours
<b>Supporting Courses</b>		
	Two courses from each of two different social science departments <sup>6</sup>	12
	Minimum electives <sup>7,8</sup>	17
	<b>Minimum Total Hours</b>	<b>29</b>

Requirements Requirements for graduation include:

- Admission to the Psychology major
- Minimum grade of C minus in courses used to meet departmental requirements in the Psychology major (minimum grade of C required in PSYC 201, PSYC 301 and PSYC 302)
- Minimum grade point average of 2.0 in Psychology

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
PSYC 400	Psychology Research and Public Communication - CUE	
PSYC 407	Community Internships in Psychology - CUE	
PSYC 408	International Service Learning and Research - CUE	
PSYC 410	Giving Psychology Away: Critical Thinking and Public Communication - CUE	
PSYC 412	Modifying Behavior - CUE	
PSYC 415	Family Risk, Resilience and Mindfulness - CUE, WR	
PSYC 420	History of Psychology: A Socio-Cultural Perspective - CUE, WR	
PSYC 425	Human Expertise and Achievement - CUE	
PSYC 430	Psychology of Peace & Ethnic Relations - CUE	
PSYC 433	Music Perception and Cognition - CUE	
PSYC 440	Aging: Science and Stories - CUE, WR	
PSYC 442	Psych of Trauma - WR, CUE	
PSYC 444	Exploration of Self: Theory and Research - WR, CUE	
PSYC 492	Undergraduate Psychology Research - CUE	
PSYC 496	Honors Psychology Thesis - CUE, WR	

- 1 Completion of the intermediate level of a single foreign language
- 2 In addition to courses counted toward Cardinal Core; 6 hours must be at 300 level or above
- 3 May be incorporated into other degree requirements
- 4 Fulfills Cardinal Core requirement
- 5 Students should confirm any substitute course with the department prior to enrollment. Students who substitute a statistics course from another department will need to take an additional Psychology elective to complete the required number of Psychology hours for the program.
- 6 Supporting courses are in addition to those taken to meet General Education requirements. Courses must be acceptable for credit toward their majors by the respective departments.
- 7 At least 50 of the total minimum hours required for the degree must be at the 300 level or above.
- 8 Students who satisfy Cardinal Core Requirements by courses defined by the program may require additional electives to complete the minimum hours for the degree.
- 9 Grades of C minus are not accepted

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
PSYC 201	Introduction to Psychology - SB	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Quantitative Reasoning - QR (minimum grade of C or better)		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 1		3-4
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1		3
General Education: Cardinal Core Natural Sciences with Lab - B		4
<b>Hours</b>		<b>14</b>
<b>Year 2</b>		
<b>Fall</b>		
PSYC 301	Statistics for Psychology (minimum grade of C)	3
PSYC 305	Brain and Behavior	3
PSYC 306	Life Span Developmental Psychology	3
General Education: Cardinal Core Oral Communication - OC		3
Foreign Language 2		3-4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PSYC 302	Research Methods for Psychology (minimum grade of C)	3
PSYC 307	Cognitive Processes	3
PSYC 308	Abnormal Psychology	3
Humanities or Natural Science elective		3
Foreign Language 3		3-4
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
Humanities or Natural Science elective (300 level or above)		3
Humanities or Natural Science elective (300 level or above)		3
PSYC elective (300 level or above)		3
PSYC elective (300 level or above)		3
Foreign Language 4 (if needed) or general elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Psychology elective (300 level or above)		3
Social Science elective from first department		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General elective (300 level or above)		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Psychology elective; CUE/WR or WR		3
Psychology elective (300 level or above)		3
Social Science elective from second department		3
Social Science elective from first department		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Psychology elective; CUE/WR or WR		3
Social Science elective from second department		3
General elective		3
General elective (300 level or above)		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

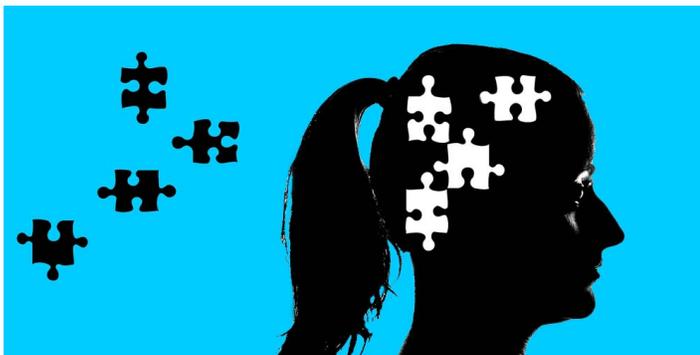
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Psychology (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Psychology**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Psychological and Brain Sciences (<http://louisville.edu/psychology/>)  
Academic Plan Code(s): PSYCBS

### Program Information

The Bachelor of Science in Psychology prepares students for most bachelor's-level careers as well as graduate school in psychology, training in health or science fields (including medical school), and careers in other professional domains. Students develop the critical thinking and communication skills necessary to gather, interpret, and present data. Psychology students can become intelligent consumers of information and active investigators of the fields of cognition, behavior, and brain science and understand how each facet of psychology impacts everyday decision-making. Students can also choose to complete some of the required course work for a pre-med curriculum by taking supporting classes in natural sciences.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		13-15
Program/Major Requirements <sup>1</sup>		42
Supporting Courses <sup>2</sup>		12
Electives		21-23
<b>Minimum Total Hours</b>		<b>121</b>

- <sup>1</sup> Students earning the BS in Psychology will satisfy at least 10 hours of General Education Requirements by courses defined by the program. Students who take MATH 205 and also apply it to satisfy the Quantitative Reasoning requirement will satisfy 14 hours. In either case, students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.
- <sup>2</sup> Four (4) 300+ courses from any other social science or natural science department.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the major in Psychology requires:<sup>2</sup>

1. Completion of PSYC 201 with a minimum grade of C;<sup>1</sup>
2. Completion of General Education QR course with a minimum grade of C;<sup>1,2</sup>
3. Completion of PSYC 301 with a minimum grade of C;<sup>1</sup>
4. Completion of PSYC 302 with a minimum grade of C;<sup>1</sup>
5. Completion of 30 hours of degree-applicable credit with a minimum grade point average of 2.0; and
6. A minimum grade point average of 2.0 in Psychology.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

- <sup>1</sup> Grades of C- are not accepted.
- <sup>2</sup> PSYC 205 does not count towards credit hours required for the Psychology major.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>		31
The following course is required by the program and can satisfy the respective General Education Requirement:		
PSYC 201	Introduction to Psychology - SB <sup>4,7</sup>	

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language <sup>1</sup>		6-8
Electives in Humanities or Natural Sciences at 300+level <sup>2</sup>		6
WR - two approved courses at the 300 level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Psychological and Brain Sciences</b>		
PSYC 201	Introduction to Psychology - SB <sup>4,8</sup>	3
PSYC 301	Statistics for Psychology <sup>5,8</sup>	3
PSYC 302	Research Methods for Psychology <sup>8</sup>	3
<i>Core requirements</i>		
PSYC 305	Brain and Behavior	3
PSYC 306	Life Span Developmental Psychology	3
PSYC 307	Cognitive Processes	3
PSYC 308	Abnormal Psychology	3
Psychology CUE course (see list below)		3
PSYC Electives (300 level or higher) <sup>6,7</sup>		18
<b>Minimum Total Hours</b>		<b>42</b>

Code	Title	Hours
<b>Supporting Courses</b>		
300+ Social or Natural Sciences Electives		12
Minimum Electives		17
<b>Minimum Total Hours</b>		<b>29</b>

Requirements for graduation include:

- Admission to the major
- A minimum grade of C minus in courses used to meet departmental requirements in the Psychology major (minimum grade of C required in PSYC 201, PSYC 301 and PSYC 302)
- A minimum GPA of 2.0 in Psychology (PSYC) coursework

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Students who wish to double major in the BS in Psychology and the BS in Neuroscience degrees must complete 18 credit hours toward the Psychology (PSYC) degree that do not count towards meeting the Neuroscience (NS) degree requirements. These 18 credit hours must include the following courses: PSYC 306, PSYC 307 and PSYC 308. If these courses are taken as electives for the NS degree, additional PSYC courses must be taken in their place. Students must also complete one PSYC CUE course and one NS CUE course. For elective courses that can count toward either degree, the student must specify whether each course will count for NS or PSYC.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
PSYC 400	Psychology Research and Public Communication - CUE	
PSYC 407	Community Internships in Psychology - CUE	
PSYC 408	International Service Learning and Research - CUE	
PSYC 410	Giving Psychology Away: Critical Thinking and Public Communication - CUE	
PSYC 412	Modifying Behavior - CUE	
PSYC 415	Family Risk, Resilience and Mindfulness - CUE, WR	
PSYC 417	Child Psychopathology - WR, CUE	
PSYC 420	History of Psychology: A Socio-Cultural Perspective - CUE, WR	
PSYC 425	Human Expertise and Achievement - CUE	
PSYC 430	Psychology of Peace & Ethnic Relations - CUE	
PSYC 433	Music Perception and Cognition - CUE	
PSYC 440	Aging: Science and Stories - CUE, WR	
PSYC 442	Psych of Trauma - WR, CUE	
PSYC 444	Exploration of Self: Theory and Research - WR, CUE	
PSYC 492	Undergraduate Psychology Research - CUE	
PSYC 496	Honors Psychology Thesis - CUE, WR	

- 1 Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- 2 In addition to courses counted toward Cardinal Core
- 3 May be incorporated into other degree requirements
- 4 Fulfills a Cardinal Core Requirement.
- 5 Students should confirm any substitute class with the department prior to enrollment. Students who substitute a statistics course from another department will need to take an additional Psychology elective to complete the required number of Psychology hours for the program.
- 6 At least 50 of the total minimum hours required for the degree must be at the 300 level or above.
- 7 Students who satisfy Cardinal Core Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.
- 8 Grades of C minus or below are not accepted

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
PSYC 201	Introduction to Psychology - SB	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 1		3-4

General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
General Education: Cardinal Core Natural Sciences with Lab - S and SL or B	4
<b>Hours</b>	<b>13-14</b>
<b>Year 2</b>	
<b>Fall</b>	
PSYC 301 Statistics for Psychology (minimum grade of C)	3
PSYC 305 Brain and Behavior	3
PSYC 306 Life Span Developmental Psychology	3
Foreign Language 2	3-4
General Education: Cardinal Core Oral Communication - OC	3
<b>Hours</b>	<b>15-16</b>
<b>Spring</b>	
PSYC 302 Research Methods for Psychology (minimum grade of C)	3
PSYC 307 Cognitive Processes	3
PSYC 308 Abnormal Psychology	3
PSYC elective (300-level or above)	3
Social or Natural Science Elective (300+ level)	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
Social or Natural Science elective (300 level or above)	3
Psychology elective (300+ level)	3
Psychology elective (300+ level)	3
Psychology elective (300+ level)	3
Humanities or Natural Science elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Psychology elective (300+ level)	3
Social or Natural Science elective (300+ level)	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
Humanities or Natural Sciences elective (300+ level)	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Psychology elective CUE/WR or WR	3
Social or Natural Science elective (300 level or above)	3
General elective	4
General elective	3
General elective	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
Psychology elective CUE/WR or WR	3
General elective	4
General elective	3
General elective	3
General elective	3
<b>Hours</b>	<b>16</b>
<b>Minimum Total Hours</b>	<b>121-123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.

3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Public Health (BA)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Public Health

Unit: Public Health and Information Sciences (<http://louisville.edu/sphis/>)

Academic Plan Code(s): PH\_ \_BA

## Program Information

The School of Public Health and Information Sciences (SPHIS) offers two undergraduate degree options: Bachelor of Science in Public Health for students focused on public health practice and Bachelor of Arts in Public Health for liberal studies.

A degree in public health provides students with the skills they need to improve the health of populations and communities, as well as alleviate suffering caused by disease, injuries and health disparities. Public Health majors learn how to inquire, challenge and explore options that promote the health and well-being of the community.

A BA in Public Health prepares students for positions in specific sectors of public health, health services, and public policy, with career opportunities in health education, health care administration, health research, environmental health, and more. Examples of job settings could include colleges and universities, federal and state health agencies, and community and international organizations. Both degrees prepare students for advanced degrees in public health, law, and clinical health professions (i.e., PA, PT, Nursing, Pharmacy, Medicine, and Dentistry).

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements <sup>1</sup>	6-8
	Program/Major Requirements <sup>1</sup>	43
	Supporting Courses	38-40
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the school, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

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## Accelerated BA-MPH in Public Health

The accelerated degree program allows a student to complete the Bachelor of Arts in Public Health (BA) and the Master of Public Health (MPH) over a five year period. The first four years consist of undergraduate studies, including five core public health graduate level courses (15 credit hours) taken during the senior year, culminating in the award of the Bachelors of Arts in Public Health degree.

The fifth year, including the summer following graduation with a bachelor's degree, consists of graduate coursework in public health, leading to completion of the Master of Public Health (MPH) degree. The Master of Public Health (MPH) degree program is designed to provide students with training in foundational MPH competencies as well as a specific area of concentration. MPH concentrations currently available for the accelerated program are:

- Epidemiology
- Health Policy
- Health Promotion and Behavior
- Global Public Health with an emphasis in Maternal and Child Health

MPH graduates are prepared for positions in the public health work force, health-related industries, academic organizations, or for further professional or academic education.

The accelerated curriculum allows students to take up to 15 credit hours of the Master of Public Health core course work during their undergraduate studies. The 15 graduate credits referred to below will count towards the completion of both the BA and MPH degrees and will substitute for required undergraduate courses as follows:

Fall Curriculum, all concentrations:

- Undergraduate course: PHST 301 Quantitative Methods in Public Health  
MPH replacement course: PHST 500 Introduction to Biostatistics for Health Sciences I
- Undergraduate course: PHPB 300 Social and Behavioral Foundations of Public Health  
MPH replacement course: PHPB 501 Introduction to Public Health Behavior
- Undergraduate course: PHEP 341 Epidemiological Concepts and Methods for Public Health  
MPH replacement course: PHEP 501 Introduction to Epidemiology
- Undergraduate course: PHMS 301 Introduction to the U.S. Healthcare Delivery Systems  
MPH replacement course: PHMS 501 Introduction to Public Health Practice and Administration

Spring Curriculum Based on Concentration:

- Undergraduate course: PHEH 301 Public Health and Our Environment  
MPH replacement course: PHEH 500 Introduction to Environmental and Occupational Health Sciences

OR

- Undergraduate course: 300+ level General Elective (3.0 credit hours)  
MPH replacement course: PHST 501 Introduction to Biostatistics for Health Sciences II

For more information on the accelerated program click here (<http://louisville.edu/sphis/current-students/accelerated-mph-program/>).

## Departmental Admission Requirements

Admission requirements depend on a student's educational and public health experience, outlined as follows:

### Entering First-Year Students

1. Either of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
2. High school GPA of 2.5 or higher
3. ACT/SAT score of 20/1030 or higher (optional)

### Transfer Students

#### Transfer students with fewer than 24 credit hours

1. Either of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
2. High school GPA of 2.5 or higher
3. ACT/SAT score of 20/1030 or higher (optional)

#### Transfer student with 24 credit hours or more

Must meet minimum university admissions requirements

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## Accelerated BA-MPH in Public Health Admissions Process

### Pre-Enrollment

Undergraduates who will have earned a minimum of 75 credit hours and a cumulative GPA of 3.25 may pursue the accelerated degree program option. Eligible students who complete the following by February 1st of the student's sixth undergraduate semester can receive permission to enroll in MPH graduate level courses from the director of the MPH program:

- Submit an online program-petition (<http://louisville.edu/sphis/current-students/accelerated-mph-program-petition-form/>)
- Submit resume
- Submit a letter of recommendation, preferably from a UofL faculty member, that speaks to their academic abilities, to Academic Coordinator Rachel Quick at [rachel.quick@louisville.edu](mailto:rachel.quick@louisville.edu)

### Pre-Admission & Concentration Declaration

Students granted permission to enroll in graduate-level courses will need to declare a concentration for the Master of Public Health graduate degree by November 15 of the student's seventh undergraduate semester. The concentration options for an accelerated student are Epidemiology, Global Public Health with an emphasis in Maternal and Child Health, Health Promotion and Behavioral Sciences, and Health Policy. Students applying to the epidemiology concentration will be required to have a strong quantitative background. ACT score, math placement score, and

MATH 111 or higher course will be considered. A representative from the desired concentration will schedule an interview with the student to determine provisional admission and approval of concentration declaration for the students accelerated program.

### Provisional Admission

Once approved to declare a concentration, the student is now provisionally admitted to the MPH accelerated program and must complete the following steps no later than the final year of their undergraduate studies to formally apply to the MPH program:

- Submit a complete UofL Graduate School Application (<https://louisville.edu/graduate/futurestudents/apply-materials/application/>) no later than March 1<sup>st</sup> and apply for the Summer term unless the student is pursuing the Health Promotion & Behavioral Sciences concentration, in which case that student should apply for the Fall term.
  - Accelerated MPH students DO NOT submit a SOPHAS Application
- Submit two letters of recommendation written within the last twelve months (one from a faculty member of the undergraduate UofL public health program).
- Overall GPA for the undergraduate degree (including the core courses) must be a minimum of 3.0, and students must have made a grade of B or better in each of the following MPH core courses:
  - PHST 500 Introduction to Biostatistics for Health Sciences I
  - PHPB 501 Introduction to Public Health Behavior
  - PHEP 501 Introduction to Epidemiology
  - PHMS 501 Introduction to Public Health Practice and Administration
  - PHST 501 Introduction to Biostatistics for Health Sciences II (if applicable to concentration)
  - PHEH 500 Introduction to Environmental and Occupational Health Sciences (if applicable to concentration)
- Official transcripts of all degrees or course work completed at UofL and any coursework completed from other institutions prior to matriculation at UofL.
- One-page personal statement written by the applicant that is a clear, substantive description of his or her goals in public health, noting any professional or research experience.
- Resume/CV
- There is no GRE requirement.

Upon receipt of MPH admissions materials students will remain provisionally admitted to the MPH program until successful completion of their undergraduate degree. Following the receipt of their undergraduate degree, their admission status will be updated accordingly.

### General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) *	31

The following courses are required by the program and can be taken to fulfill the respective General Education Requirement.

Quantitative Reasoning:

MATH 111	College Algebra - QR (or higher)
	or PHST 200 Reasoning with Data in Daily Life - QR

Natural Sciences:

Biology Course and Lab	
The following courses are recommended by the program and can be taken to fulfill the respective General Education Requirement.	
PHPH 301	Global Public Health - SBH, D2
PHPB 301	Health Equity - SB, D1
PHUN 101	
PHEH 101	Nutrition 4 You - S

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

### College/School Requirements

Code	Title	Hours
	Foreign Language	6-8
<b>Minimum Total Hours</b>		<b>6-8</b>

### Program Requirements

Code	Title	Hours
<b>Public Health Program Core</b>		
PHPH 100	Majoring in Public Health	1
PHPH 420	Practice of Public Health	3
PHPH 431	Contemporary Issues in Public Health I	3
PHPB 401	Public Health Communication Theory and Practice	3
PHEH 440	Biology for Population Health <sup>1</sup>	3
PHPH 491	Senior Capstone 1 - CUE	3
PHPH 492	Senior Capstone 2 - CUE	3
PHPH 401	Public Health and Health Policy	3
PHPB 305	Public Health Education Principles and Strategies	3
PHMS 410	Public Health Law and Ethics	3
One of the following:		3
PHST 301	Quantitative Methods in Public Health <sup>2</sup>	
PHST 500	Introduction to Biostatistics for Health Sciences I (Accelerated BA-MPH students only)	
One of the following:		3
PHPB 300	Social and Behavioral Foundations of Public Health <sup>2</sup>	
PHPB 501	Introduction to Public Health Behavior (Accelerated BA-MPH students only)	
One of the following:		3
PHEP 341	Epidemiological Concepts and Methods for Public Health <sup>2</sup>	
PHEP 501	Introduction to Epidemiology (Accelerated BA-MPH students only)	
One of the following:		3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems <sup>2</sup>	
PHMS 501	Introduction to Public Health Practice and Administration (Accelerated BA-MPH students only)	
One of the following:		3
PHEH 301	Public Health and Our Environment <sup>2</sup>	

PHEH 500	Introduction to Environmental and Occupational Health Sciences (Accelerated BA-MPH students only)	
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**Minimum Total Hours 43**

Code	Title	Hours
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<b>Supporting Courses</b>		
MATH 111	College Algebra - QR (or higher) <sup>3</sup>	3
	or PHST 200 Reasoning with Data in Daily Life - QR	
	Biology Course and Lab (e.g., BIOL 102 & BIOL 104 or higher) <sup>3</sup>	4
	General Electives <sup>4</sup>	31-33

**Minimum Total Hours 38-40**

Code	Title	Hours
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**Degree Total 120**

Code	Title	Hours
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**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing the following:		
PHPH 491	Senior Capstone 1 - CUE	
PHPH 492	Senior Capstone 2 - CUE	

- <sup>1</sup> Can be replaced with any 300 level and above biology course if taken BIOL 257 or BIOL 457.
- <sup>2</sup> Substitute 500-level course listed is for students admitted to the Accelerated BA-MPH program.
- <sup>3</sup> Students who satisfy Cardinal Core Requirements by courses defined by the program may require additional electives to complete the minimum hours for the degree.
- <sup>4</sup> At least 50 of the total minimum hours required must be at the 300 level or above.

**Track in Social Justice and Health Equity**

Academic Plan Code(s): PH\_BA\_SHE

Code	Title	Hours
<i>Track core</i>		
PHPB 310	Power, Oppression & Liberation in Social Systems	3
PHPB 311	Policy and Systems of Power	3
PHPB 312	Social Justice Practice in Public Health	3
PHPB 313	Strategies for Social Action	3
PHPB 410	Community Mobilization & Organization 1	3
PHPB 411	Community Mobilization & Organization 2	3
<i>Economics and Power (select one from the following courses):<sup>1</sup></i>		
ANTH 347	Global Capitalisms	3
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	3
POLS 362	Comparative Political Economy	3
<i>History of Social Movements (select one from the following courses):<sup>1</sup></i>		
HIST 321	Black Culture and U.S. Democracy	3
HIST 322	The History of the Civil Rights Movement, 1900 to Present	3
PAS 374	The Black Power Movement	3
HIST 323	Modern American Social Movements	3
HIST 513	U.S. Social Justice Movements	3
HIST 514	United States Peace Movement	3

HIST 516	History of American Civil Liberties - WR	
<i>Strategic Communication (select one from the following courses):<sup>1</sup></i>		
COMM 304	Argument In Everyday Life	3

COMM 333	Social Media, Mobile Technologies and Strategic Communications	3
COMM 344	Strategic Communication Writing - WR	3
COMM 445	Strategic Communication Campaigns - CUE	3
ENGL 407	Special Topics: Writing for Social Change - WR <sup>2</sup>	3

*Topical Focus Electives* 9  
Select three courses from the Approved Topical Focus Courses below<sup>1</sup>

*General Electives* 2-4

**Minimum Total Hours 38-40**

- <sup>1</sup> Courses in departments outside of SPHIS are scheduled at the discretion of the offering department.
- <sup>2</sup> Course has required pre-requisite.

Code	Title	Hours
<b>Approved Topical Focus Courses</b>		
PHPB 321	Social Justice Youth Development	3
PHPB 322	Climate Change, Social Justice, and Healthy Equity	3
CJ 201	Law Enforcement in the United States - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
CJ 202	Corrections in the United States - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
CJ 360	Juvenile Justice	3
CJ 365	Community Corrections	3
CJ 426	Violence in the United States: The Criminal Justice Response	3
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	3
CJ 493	Police and the Community	3
HIST 537	Black Radicalism	3
HIST 538	Sports, Human Rights, & U.S. Foreign Relations - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
HIST 589	History of American Sexualities - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
LALS 321	Social Science Special Topics in Latin American Studies	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 325	Politics of Black Male Identity in Post-Modern America	3
PAS 326	Black Political Thought: Africa to Afrocentricity	3
PAS 338	Race and Economics	3
PAS 362	Civil Rights and the Law I	3
PAS 363	Civil Rights and the Law II	3
PAS 366	Inequality and Health: The Black Experience	3

PAS 368	Race, Culture, Identity	3	SOC 210	Race in the United States - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), D1 ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
PAS 410	Black Feminism in Action	3	SOC 305	Urban Sociology	3
PAS 412	The Underground Railroad and American Memory	3	SOC 315	Environmental Sociology	3
PAS 530	The Life and Times of Malcolm X	3	SOC 323	Diversity and Inequality	3
PAS 547	Language, Race, Class and Gender	3	SOC 417	Reproductive Justice	3
PHIL 328	Environmental Ethics	3	SOC 442	Sociology of Disabilities	3
PHIL 535	Political Philosophy	3	SOC 454	Social Inequality & Stratification - CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 302	Urban Political Economy	3	SOC 464	Race and Ethnicity - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 305	Urban Politics	3	SOC 470	Political Sociology - CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 310	Policy, Community & Service	3	SUST 403	Sustainable Societal Systems	3
POLS 315	Race, Law and Politics - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), D1 ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3	SUST 576	Sustainable Social-Ecological Systems	3
POLS 316	Gender, Sexuality & Law	3	WGST 203	Gender Issues in Public Dialogue - OC ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), D1 ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 319	Media and Politics	3	WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	3
POLS 320	Civil Rights and the Law II	3	WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
POLS 323	Queer Politics	3			
POLS 324	Women in American Politics	3			
POLS 329	Sports and Politics	3			
POLS 334	The Politics of Global Economic Relations	3			
POLS 335	Global Environmental Politics	3			
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	3			
POLS 384	Democracy and Its Critics - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
POLS 395	Political Leadership - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
POLS 520	Coping with Conflict	3			
POLS 552	Politics through Film	2-3			
POLS 568	Feminist Theory - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
PSYC 366	Multicultural Psychology - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
PSYC 442	Psych of Trauma - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
SCHG 305	Hip-Hop and Social Movements - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
SCHG 333	Globalizing Inequalities - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3			
SCHG 399	Lectures in Social Change	1			
SCHG 401	Social Change Community Internship	3			
SW 332	Gay, Lesbian, Bisexual and Transgender (GLBT) Issues and Social Welfare	3			

## Flight Plans BA in Public Health

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
PHPH 100	Majoring in Public Health	1
PHPB 301	Health Equity - SB, D1	3
General education requirements/electives/programmatic requirements		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHPH 301	Global Public Health - SBH, D2	3
PHPB 300	Social and Behavioral Foundations of Public Health <sup>1</sup>	3
or PHPB 501	or Introduction to Public Health Behavior	
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
PHPB 305	Public Health Education Principles and Strategies	3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems <sup>1</sup>	3
or PHMS 501	or Introduction to Public Health Practice and Administration	
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>

Spring		
PHEH 440	Biology for Population Health	3
PHPH 401	Public Health and Health Policy	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
Year 3		
Fall		
PHST 301	Quantitative Methods in Public Health <sup>1</sup>	3
or PHST 500	or Introduction to Biostatistics for Health Sciences I	
PHPH 431	Contemporary Issues in Public Health I	3
PHEH 301	Public Health and Our Environment <sup>2</sup>	3
or PHEH 500	or Introduction to Environmental and Occupational Health Sciences	
General education requirements/electives/programmatic requirements		6
<b>Hours</b>		<b>15</b>
Spring		
PHEP 341	Epidemiological Concepts and Methods for Public Health <sup>1</sup>	3
or PHEP 501	or Introduction to Epidemiology	
PHPH 420	Practice of Public Health	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
Year 4		
Fall		
PHPH 491	Senior Capstone 1 - CUE	3
PHPB 401	Public Health Communication Theory and Practice	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
Spring		
PHPH 492	Senior Capstone 2 - CUE	3
PHMS 410	Public Health Law and Ethics	3
General education requirements/electives/programmatic requirements <sup>2</sup>		9
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

## Track in Social Justice and Health Equity

Course	Title	Hours
Year 1		
Fall		
PHPH 100	Majoring in Public Health	1
PHPB 301	Health Equity - SB, D1	3
General education requirements/electives/programmatic requirements		11
<b>Hours</b>		<b>15</b>
Spring		
PHPH 301	Global Public Health - SBH, D2	3
PHPB 300	Social and Behavioral Foundations of Public Health <sup>1</sup>	3
or PHPB 501	or Introduction to Public Health Behavior	
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
Year 2		
Fall		
PHPB 305	Public Health Education Principles and Strategies	3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems <sup>1</sup>	3
or PHMS 501	or Introduction to Public Health Practice and Administration	
PHPB 310	Power, Oppression & Liberation in Social Systems	3
Selective Slot 1 - Economics & Power (choose 1 of the following courses):		3
ANTH 347	Global Capitalisms	
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	
POLS 362	Comparative Political Economy	
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>

Spring		
PHEH 440	Biology for Population Health	3
PHPH 401	Public Health and Health Policy	3
PHPB 311	Policy and Systems of Power	3
Selective Slot 2 - History of Social Movements (choose 1 of the following courses):		3
HIST 321	Black Culture and U.S. Democracy	
HIST 322	The History of the Civil Rights Movement, 1900 to Present	
PAS 374	The Black Power Movement	
HIST 323	Modern American Social Movements	
HIST 513	U.S. Social Justice Movements	
HIST 514	United States Peace Movement	
HIST 516	History of American Civil Liberties - WR	
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
Year 3		
Fall		
PHST 301	Quantitative Methods in Public Health <sup>1</sup>	3
or PHST 500	or Introduction to Biostatistics for Health Sciences I	
PHPH 431	Contemporary Issues in Public Health I	3
PHEH 301	Public Health and Our Environment <sup>2</sup>	3
or PHEH 500	or Introduction to Environmental and Occupational Health Sciences	
PHPB 312	Social Justice Practice in Public Health	3
PHPB 313	Strategies for Social Action	3
<b>Hours</b>		<b>15</b>
Spring		
PHEP 341	Epidemiological Concepts and Methods for Public Health <sup>1</sup>	3
or PHEP 501	or Introduction to Epidemiology	
PHPH 420	Practice of Public Health	3
Selective Slot 3 - Strategic Communication (choose 1 of the following courses):		3
COMM 304	Argument In Everyday Life	
COMM 333	Social Media, Mobile Technologies and Strategic Communications	
COMM 344	Strategic Communication Writing - WR	
COMM 445	Strategic Communication Campaigns - CUE	
ENGL 407	Special Topics: Writing for Social Change - WR	
Topical Focus (select one course from Approved Topical Courses table below)		3
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
Year 4		
Fall		
PHPH 491	Senior Capstone 1 - CUE	3
PHPB 401	Public Health Communication Theory and Practice	3
PHPB 410	Community Mobilization & Organization 1	3
Topical Focus (select one course from Approved Topical Courses table below)		3
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
Spring		
PHPH 492	Senior Capstone 2 - CUE	3
PHMS 410	Public Health Law and Ethics	3
PHPB 411	Community Mobilization & Organization 2	3
Topical Focus (select one course from Approved Topical Courses table below)		3
General education requirements/electives/programmatic requirements <sup>3</sup>		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

Code	Title	Hours
Approved Topical Focus Courses - Track in Social Justice and Health Equity		
PHPB 321	Social Justice Youth Development	3

PHPB 322	Climate Change, Social Justice, and Healthy Equity	3	SCHG 305	Hip-Hop and Social Movements - WR	3
CJ 201	Law Enforcement in the United States - SB	3	SCHG 333	Globalizing Inequalities - WR	3
CJ 202	Corrections in the United States - SB	3	SCHG 399	Lectures in Social Change	1
CJ 360	Juvenile Justice	3	SCHG 401	Social Change Community Internship	3
CJ 365	Community Corrections	3	SW 332	Gay, Lesbian, Bisexual and Transgender (GLBT) Issues and Social Welfare	3
CJ 426	Violence in the United States: The Criminal Justice Response	3	SOC 210	Race in the United States - SB, D1	3
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	3	SOC 305	Urban Sociology	3
CJ 493	Police and the Community	3	SOC 315	Environmental Sociology	3
HIST 537	Black Radicalism	3	SOC 323	Diversity and Inequality	3
HIST 538	Sports, Human Rights, & U.S. Foreign Relations - CUE, WR	3	SOC 417	Reproductive Justice	3
HIST 589	History of American Sexualities - WR	3	SOC 442	Sociology of Disabilities	3
LALS 321	Social Science Special Topics in Latin American Studies	3	SOC 454	Social Inequality & Stratification - WR, CUE	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3	SOC 464	Race and Ethnicity - WR, CUE	3
PAS 325	Politics of Black Male Identity in Post-Modern America	3	SOC 470	Political Sociology - CUE	3
PAS 326	Black Political Thought: Africa to Afrocentricity	3	SUST 403	Sustainable Societal Systems	3
PAS 338	Race and Economics	3	SUST 576	Sustainable Social-Ecological Systems	3
PAS 362	Civil Rights and the Law I	3	WGST 203	Gender Issues in Public Dialogue - OC, D1	3
PAS 363	Civil Rights and the Law II	3	WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	3
PAS 366	Inequality and Health: The Black Experience	3	WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
PAS 368	Race, Culture, Identity	3			
PAS 410	Black Feminism in Action	3			
PAS 412	The Underground Railroad and American Memory	3			
PAS 530	The Life and Times of Malcolm X	3			
PAS 547	Language, Race, Class and Gender	3			
PHIL 328	Environmental Ethics	3			
PHIL 535	Political Philosophy	3			
POLS 302	Urban Political Economy	3			
POLS 305	Urban Politics	3			
POLS 310	Policy, Community & Service	3			
POLS 315	Race, Law and Politics - SB, D1	3			
POLS 316	Gender, Sexuality & Law	3			
POLS 319	Media and Politics	3			
POLS 320	Civil Rights and the Law II	3			
POLS 323	Queer Politics	3			
POLS 324	Women in American Politics	3			
POLS 329	Sports and Politics	3			
POLS 334	The Politics of Global Economic Relations	3			
POLS 335	Global Environmental Politics	3			
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	3			
POLS 384	Democracy and Its Critics - WR	3			
POLS 395	Political Leadership - WR	3			
POLS 520	Coping with Conflict	3			
POLS 552	Politics through Film	2-3			
POLS 568	Feminist Theory - WR	3			
PSYC 366	Multicultural Psychology - WR	3			
PSYC 442	Psych of Trauma - WR, CUE	3			

- 1 Substitute 500-level course listed is for students admitted to the Accelerated BA-MPH program, to be taken during Year 4, Fall semester.
- 2 Students admitted to the BA-MPH concentration in Health Promotion and Behavioral Sciences should enroll in PHEH 500 Introduction to Environmental and Occupational Health Sciences during their Year 4 Spring semester.
- 3 Students admitted to the following Accelerated BA-MPH concentrations should enroll in PHST 501 Introduction to Biostatistics for Health Sciences II during their Year 4, Spring semester:
  - Epidemiology
  - Global Public Health with Emphasis in Maternal and Child Health
  - Health Policy

## Public Health (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Public Health**

Unit: Public Health and Information Sciences (<http://louisville.edu/sphis/>)

Academic Plan Code(s): PH\_ \_BS, PH\_ \_BS\_ \_PRE, PH\_ \_BS\_ \_SHE

**Program Information**

The School of Public Health and Information Sciences (SPHIS) offers two undergraduate degree options: Bachelor of Science in Public Health for students focused on public health practice and Bachelor of Arts in Public Health for liberal studies.

A degree in public health provides students with the skills they need to improve the health of populations and communities, as well as alleviate suffering caused by disease, injuries and health disparities. Public Health majors learn how to inquire, challenge and explore options that promote the health and well-being of the community.

A BS in Public Health prepares students for positions in specific sectors of public health, health services, and public policy, with career opportunities in health education, health care administration, health research, environmental health, and more. Examples of job settings could include colleges and universities, federal and state health agencies, and community and international organizations. Both degrees prepare students for advanced degrees in public health, law, and clinical health professions (i.e., PA, PT, Nursing, Pharmacy, Medicine, and Dentistry).

**Degree Summary**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	6-8
	Program/Major Requirements <sup>1</sup>	43
	Supporting Courses	38-40
	<b>Minimum Total Hours</b>	<b>120</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the school, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

**Departmental Admission Requirements**

Admission requirements depend on a student’s educational and public health experience, outlined as follows:

**Entering First-Year Students**

1. Must meet minimum university admissions requirements
2. Either of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
3. High school GPA of 2.5 or higher
4. ACT/SAT score of 20/1030 or higher (optional)

**Transfer Students**

**Transfer students with fewer than 24 credit hours**

1. Must meet minimum university admissions requirements
2. Either of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
3. High school GPA of 2.5 or higher
4. ACT/SAT score of 20/1030 or higher (optional)

**Transfer student with 24 credit hours or more**

Must meet minimum university admissions requirements

Please see Track Requirements tab for any specific additional requirements.

**General Education Requirements**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can be taken to fulfill the respective General Education Requirement.

Quantitative Reasoning:

MATH 111	College Algebra - QR (or higher)
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Natural Sciences:

Biology Course and Lab <sup>1</sup>
-------------------------------------

AND

Chemistry OR Physics Course <sup>1</sup>
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The following courses are recommended by the program and can be taken to fulfill the respective General Education Requirement.

PHPH 301	Global Public Health - SBH, D2
PHPB 301	Health Equity - SB, D1
PHUN 101	

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

**College/School Requirements**

Code	Title	Hours
	Foreign Language	6-8
	<b>Minimum Total Hours</b>	<b>6-8</b>

**Program Requirements**

Code	Title	Hours
<b>Public Health Program Core</b>		
PHPH 100	Majoring in Public Health	1
PHST 301	Quantitative Methods in Public Health	3
PHPB 300	Social and Behavioral Foundations of Public Health	3

PHPH 420	Practice of Public Health	3
PHPH 431	Contemporary Issues in Public Health I	3
PHPB 401	Public Health Communication Theory and Practice	3
PHEH 440	Biology for Population Health (waived and replaced with any 300 level and above biology course if taken BIOL 257 or BIOL 457)	3
PHEP 341	Epidemiological Concepts and Methods for Public Health	3
PHPH 491	Senior Capstone 1 - CUE	3
PHPH 492	Senior Capstone 2 - CUE	3
PHPH 401	Public Health and Health Policy	3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems	3
PHEH 301	Public Health and Our Environment	3
PHPB 305	Public Health Education Principles and Strategies	3
PHMS 410	Public Health Law and Ethics	3

**Minimum Total Hours 43**

Code	Title	Hours
<b>Supporting Courses</b>		
MATH 111	College Algebra - QR (or higher) <sup>2</sup>	3
Biology Course and Lab (e.g., BIOL 102 & BIOL 104 or higher) <sup>2</sup>		4
Chemistry OR Physics Course <sup>2</sup>		3
General Electives <sup>3</sup>		28-30

**Minimum Total Hours 38-40**

Code	Title	Hours
<b>Degree Total</b>		
		120

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing the following:		
PHPH 491	Senior Capstone 1 - CUE	3
PHPH 492	Senior Capstone 2 - CUE	3

<sup>1</sup> For Track in Professional Health Studies, courses must be at the 200 level or higher.

<sup>2</sup> Students who satisfy Cardinal Core Requirements by courses defined by the program may require additional electives to complete the minimum hours for the degree.

<sup>3</sup> At least 50 of the total minimum hours required must be at the 300 level or above.

### Track in Professional Health Studies

Academic Plan Code(s): PH\_\_BS\_\_PRE

#### Admission

Students must meet the minimum admissions requirements outlined below:

1. Completion of BIOL 240 and BIOL 241 lab and BIOL 242 and BIOL 243 with a grade of C or better.
2. Completion of MATH 111 with a grade of C or better OR placement into a mathematics course above the level of MATH 111 on the

basis of either the University of Louisville mathematics placement examination or ACT/SAT score.

3. Minimum cumulative grade point average of 2.8.

Code	Title	Hours
<i>Track Core</i> <sup>1</sup>		
BIOL 242	Diversity of Life - S	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
CHEM 202	General Chemistry II - S	3
CHEM 207	Introduction to Chemical Analysis I - SL	1
CHEM 208	Introduction to Chemical Analysis II - SL	1
CHEM 209	Introduction to Chemical Analysis III	1
BIOL 329	Cellular and Molecular Biology	3
CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3
Select one course from the following:		3
CHEM 445	Survey of Biochemistry	
CHEM 545	Biochemistry I	
BIOL 540	Metabolic Biochemistry	

**Minimum Total Hours 22**

<sup>1</sup> Students must maintain a grade of "C" or higher and will only be allowed to retake the course twice. After two attempts, the student may be dismissed from the track.

Code	Title	Hours
<i>Supporting Courses</i>		
		12-18
BIOL 200+ level with lab		
CHEM 200+ level (or Physics)		
General Electives		

### Track in Social Justice and Health Equity

Academic Plan Code(s): PH\_\_BS\_\_SHE

Code	Title	Hours
<i>Track core</i>		
PHPB 310	Power, Oppression & Liberation in Social Systems	3
PHPB 311	Policy and Systems of Power	3
PHPB 312	Social Justice Practice in Public Health	3
PHPB 313	Strategies for Social Action	3
PHPB 410	Community Mobilization & Organization 1	3
PHPB 411	Community Mobilization & Organization 2	3
<i>Economics and Power (select one from the following courses):</i> <sup>1</sup>		3
ANTH 347	Global Capitalisms	
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	
POLS 362	Comparative Political Economy	
<i>History of Social Movements (select one from the following courses):</i> <sup>1</sup>		3
HIST 321	Black Culture and U.S. Democracy	
HIST 322	The History of the Civil Rights Movement, 1900 to Present	
PAS 374	The Black Power Movement	
HIST 323	Modern American Social Movements	
HIST 513	U.S. Social Justice Movements	

HIST 514	United States Peace Movement	
HIST 516	History of American Civil Liberties - WR	
<i>Strategic Communication (select one from the following courses):</i> <sup>1</sup>		3
COMM 304	Argument In Everyday Life	
COMM 333	Social Media, Mobile Technologies and Strategic Communications	
COMM 344	Strategic Communication Writing - WR	
COMM 445	Strategic Communication Campaigns - CUE	
ENGL 407	Special Topics: Writing for Social Change - WR <sup>2</sup>	
<i>Topical Focus Electives</i>		9
Select three courses from the Approved Topical Focus Courses below <sup>1</sup>		
<i>General Electives</i>		2-4
<b>Minimum Total Hours</b>		<b>38-40</b>

<sup>1</sup> Courses in departments outside of SPHIS are scheduled at the discretion of the offering department.

<sup>2</sup> Course has required pre-requisite.

Code	Title	Hours
<b>Approved Topical Focus Courses</b>		
PHPB 321	Social Justice Youth Development	3
PHPB 322	Climate Change, Social Justice, and Healthy Equity	3
CJ 201	Law Enforcement in the United States - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
CJ 202	Corrections in the United States - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
CJ 360	Juvenile Justice	3
CJ 365	Community Corrections	3
CJ 426	Violence in the United States: The Criminal Justice Response	3
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	3
CJ 493	Police and the Community	3
HIST 537	Black Radicalism	3
HIST 538	Sports, Human Rights, & U.S. Foreign Relations - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
HIST 589	History of American Sexualities - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
LALS 321	Social Science Special Topics in Latin American Studies	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 325	Politics of Black Male Identity in Post-Modern America	3
PAS 326	Black Political Thought: Africa to Afrocentricity	3
PAS 338	Race and Economics	3
PAS 362	Civil Rights and the Law I	3
PAS 363	Civil Rights and the Law II	3

PAS 366	Inequality and Health: The Black Experience	3
PAS 368	Race, Culture, Identity	3
PAS 410	Black Feminism in Action	3
PAS 412	The Underground Railroad and American Memory	3
PAS 530	The Life and Times of Malcolm X	3
PAS 547	Language, Race, Class and Gender	3
PHIL 328	Environmental Ethics	3
PHIL 535	Political Philosophy	3
POLS 302	Urban Political Economy	3
POLS 305	Urban Politics	3
POLS 310	Policy, Community & Service	3
POLS 315	Race, Law and Politics - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), D1 ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 316	Gender, Sexuality & Law	3
POLS 319	Media and Politics	3
POLS 320	Civil Rights and the Law II	3
POLS 323	Queer Politics	3
POLS 324	Women in American Politics	3
POLS 329	Sports and Politics	3
POLS 334	The Politics of Global Economic Relations	3
POLS 335	Global Environmental Politics	3
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	3
POLS 384	Democracy and Its Critics - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 395	Political Leadership - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
POLS 520	Coping with Conflict	3
POLS 552	Politics through Film	2-3
POLS 568	Feminist Theory - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
PSYC 366	Multicultural Psychology - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
PSYC 442	Psych of Trauma - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SCHG 305	Hip-Hop and Social Movements - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SCHG 333	Globalizing Inequalities - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SCHG 399	Lectures in Social Change	1
SCHG 401	Social Change Community Internship	3
SW 332	Gay, Lesbian, Bisexual and Transgender (GLBT) Issues and Social Welfare	3

SOC 210	Race in the United States - SB ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), D1 ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SOC 305	Urban Sociology	3
SOC 315	Environmental Sociology	3
SOC 323	Diversity and Inequality	3
SOC 417	Reproductive Justice	3
SOC 442	Sociology of Disabilities	3
SOC 454	Social Inequality & Stratification - CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SOC 464	Race and Ethnicity - WR ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SOC 470	Political Sociology - CUE ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
SUST 403	Sustainable Societal Systems	3
SUST 576	Sustainable Social-Ecological Systems	3
WGST 203	Gender Issues in Public Dialogue - OC ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ), D1 ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	3
WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3

## Flight Plans BS in Public Health

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
PHPH 100	Majoring in Public Health	1
PHPB 301	Health Equity - SB, D1	3
General education requirements/electives/programmatic requirements		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHPH 301	Global Public Health - SBH, D2	3
PHPB 300	Social and Behavioral Foundations of Public Health	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
PHPB 305	Public Health Education Principles and Strategies	3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHEH 440	Biology for Population Health	3

PHPH 401	Public Health and Health Policy	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
PHST 301	Quantitative Methods in Public Health	3
PHPH 431	Contemporary Issues in Public Health I	3
PHEH 301	Public Health and Our Environment	3
General education requirements/electives/programmatic requirements		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHEP 341	Epidemiological Concepts and Methods for Public Health	3
PHPH 420	Practice of Public Health	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
PHPH 491	Senior Capstone 1 - CUE	3
PHPB 401	Public Health Communication Theory and Practice	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHPH 492	Senior Capstone 2 - CUE	3
PHMS 410	Public Health Law and Ethics	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

## Track in Social Justice and Health Equity

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
PHPH 100	Majoring in Public Health	1
PHPH 301	Health Equity - SB, D1	3
General education requirements/electives/programmatic requirements		11
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHPH 301	Global Public Health - SBH, D2	3
PHPB 300	Social and Behavioral Foundations of Public Health	3
General education requirements/electives/programmatic requirements		9
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
PHPB 305	Public Health Education Principles and Strategies	3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems	3
PHPB 310	Power, Oppression & Liberation in Social Systems	3
Selective Slot 1 - Economics & Power (choose 1 of the following courses):		3
ANTH 347	Global Capitalisms	
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	
POLS 362	Comparative Political Economy	
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHEH 440	Biology for Population Health	3
PHPH 401	Public Health and Health Policy	3
PHPB 311	Policy and Systems of Power	3
Selective Slot 2 - History of Social Movements (choose 1 of the following courses):		3
HIST 321	Black Culture and U.S. Democracy	
HIST 322	The History of the Civil Rights Movement, 1900 to Present	

PAS 374	The Black Power Movement	
HIST 323	Modern American Social Movements	
HIST 513	U.S. Social Justice Movements	
HIST 514	United States Peace Movement	
HIST 516	History of American Civil Liberties - WR	
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
PHST 301	Quantitative Methods in Public Health	3
PHPH 431	Contemporary Issues in Public Health I	3
PHEH 301	Public Health and Our Environment	3
PHPB 312	Social Justice Practice in Public Health	3
PHPB 313	Strategies for Social Action	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHEP 341	Epidemiological Concepts and Methods for Public Health	3
PHPH 420	Practice of Public Health	3
Selective Slot 3 - Strategic Communication (choose 1 of the following courses):		3
COMM 304	Argument In Everyday Life	
COMM 333	Social Media, Mobile Technologies and Strategic Communications	
COMM 344	Strategic Communication Writing - WR	
COMM 445	Strategic Communication Campaigns - CUE	
ENGL 407	Special Topics: Writing for Social Change - WR	
Topical Focus (select one course from Approved Topical Courses table below)		3
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
PHPH 491	Senior Capstone 1 - CUE	3
PHPB 401	Public Health Communication Theory and Practice	3
PHPB 410	Community Mobilization & Organization 1	3
Topical Focus (select one course from Approved Topical Courses table below)		3
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHPH 492	Senior Capstone 2 - CUE	3
PHMS 410	Public Health Law and Ethics	3
PHPB 411	Community Mobilization & Organization 2	3
Topical Focus (select one course from Approved Topical Courses table below)		3
General education requirements/electives/programmatic requirements		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

Code	Title	Hours
<b>Approved Topical Focus Courses - Track in Social Justice and Health Equity</b>		
PHPB 321	Social Justice Youth Development	3
PHPB 322	Climate Change, Social Justice, and Healthy Equity	3
CJ 201	Law Enforcement in the United States - SB	3
CJ 202	Corrections in the United States - SB	3
CJ 360	Juvenile Justice	3
CJ 365	Community Corrections	3
CJ 426	Violence in the United States: The Criminal Justice Response	3
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	3
CJ 493	Police and the Community	3

HIST 537	Black Radicalism	3
HIST 538	Sports, Human Rights, & U.S. Foreign Relations - CUE, WR	3
HIST 589	History of American Sexualities - WR	3
LALS 321	Social Science Special Topics in Latin American Studies	3
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System	3
PAS 325	Politics of Black Male Identity in Post-Modern America	3
PAS 326	Black Political Thought: Africa to Afrocentricity	3
PAS 338	Race and Economics	3
PAS 362	Civil Rights and the Law I	3
PAS 363	Civil Rights and the Law II	3
PAS 366	Inequality and Health: The Black Experience	3
PAS 368	Race, Culture, Identity	3
PAS 410	Black Feminism in Action	3
PAS 412	The Underground Railroad and American Memory	3
PAS 530	The Life and Times of Malcolm X	3
PAS 547	Language, Race, Class and Gender	3
PHIL 328	Environmental Ethics	3
PHIL 535	Political Philosophy	3
POLS 302	Urban Political Economy	3
POLS 305	Urban Politics	3
POLS 310	Policy, Community & Service	3
POLS 315	Race, Law and Politics - SB, D1	3
POLS 316	Gender, Sexuality & Law	3
POLS 319	Media and Politics	3
POLS 320	Civil Rights and the Law II	3
POLS 323	Queer Politics	3
POLS 324	Women in American Politics	3
POLS 329	Sports and Politics	3
POLS 334	The Politics of Global Economic Relations	3
POLS 335	Global Environmental Politics	3
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.	3
POLS 384	Democracy and Its Critics - WR	3
POLS 395	Political Leadership - WR	3
POLS 520	Coping with Conflict	3
POLS 552	Politics through Film	2-3
POLS 568	Feminist Theory - WR	3
PSYC 366	Multicultural Psychology - WR	3
PSYC 442	Psych of Trauma - WR, CUE	3
SCHG 305	Hip-Hop and Social Movements - WR	3
SCHG 333	Globalizing Inequalities - WR	3
SCHG 399	Lectures in Social Change	1
SCHG 401	Social Change Community Internship	3
SW 332	Gay, Lesbian, Bisexual and Transgender (GLBT) Issues and Social Welfare	3
SOC 210	Race in the United States - SB, D1	3
SOC 305	Urban Sociology	3
SOC 315	Environmental Sociology	3
SOC 323	Diversity and Inequality	3

SOC 417	Reproductive Justice	3
SOC 442	Sociology of Disabilities	3
SOC 454	Social Inequality & Stratification - WR, CUE	3
SOC 464	Race and Ethnicity - WR, CUE	3
SOC 470	Political Sociology - CUE	3
SUST 403	Sustainable Societal Systems	3
SUST 576	Sustainable Social-Ecological Systems	3
WGST 203	Gender Issues in Public Dialogue - OC, D1	3
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	3
WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3

### Track in Professional Health Studies

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
PHPH 100	Majoring in Public Health	1
PHPB 301	Health Equity - SB, D1	3
BIOL 240	Unity of Life - S	3
BIOL 241	Experimental Biology I: Molecules and Cells - SL	1
CHEM 201	General Chemistry I - S	3
Chemistry labs		2
General Education Requirement/Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
PHPH 301	Global Public Health - SBH, D2	3
PHPH 401	Public Health and Health Policy	3
BIOL 242	Diversity of Life - S	3
BIOL 243	Experimental Biology II: Organismal Biology - SL	1
CHEM 202	General Chemistry II - S	3
CHEM 209	Introduction to Chemical Analysis III	1
General Education Requirement/Elective		3
<b>Hours</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
PHPB 305	Public Health Education Principles and Strategies	3
PHEH 301	Public Health and Our Environment	3
PHEH 440	Biology for Population Health	3
or BIOL 329	or Cellular and Molecular Biology	
CHEM 341	Organic Chemistry I	3
General Education Requirement/Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
PHPB 300	Social and Behavioral Foundations of Public Health	3
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems	3
General Education Requirement/Elective		3
General Education Requirement/Elective		3
General Education Requirement/Elective		4
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
PHPH 431	Contemporary Issues in Public Health I	3
PHST 301	Quantitative Methods in Public Health	3
CHEM 342	Organic Chemistry II	3
General Education Requirement/Elective		3
General Education Requirement/Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
PHPH 420	Practice of Public Health	3
PHEP 341	Epidemiological Concepts and Methods for Public Health	3
General Education Requirement/Elective		3
General Education Requirement/Elective		3
General Education Requirement/Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
PHPH 491	Senior Capstone 1 - CUE	3
PHPB 401	Public Health Communication Theory and Practice	3
Biochemistry		3
Foreign Language		4
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
PHPH 492	Senior Capstone 2 - CUE	3
PHMS 410	Public Health Law and Ethics	3
Foreign Language		4
General Education Requirement/Elective		3
<b>Hours</b>		<b>13</b>
<b>Minimum Total Hours</b>		<b>120</b>

## Social Work (BSW)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Social Work

Unit: Raymond A. Kent School of Social Work and Family Science (KE) (<http://louisville.edu/kent/>)

Academic Plan Code(s): SW\_ \_BSW, SW\_ \_BSWO, SW\_ \_BSWADO

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/program-finder/>).*

The Bachelor of Social Work program at the Raymond A. Kent School of Social Work and Family Science<sup>2</sup> prepares students for entry-level professional social work practice. It also provides the foundation for graduate study in social work. The program is accredited by the Council on Social Work Education (CSWE).

The BSW Program Curriculum builds on a liberal arts base. The curriculum is designed to promote the development of generalist social work knowledge and skills in using critical thinking to analyze, plan and implement effective interventions to address complex social problems and the subsequent impact on individuals, families, groups, organizations

and communities. Students gain experience through service learning and social work practicum.

**Degree Summary**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements <sup>1</sup>	29
	Program/Major Requirements <sup>1</sup>	60
<b>Minimum Total Hours</b>		<b>120</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

<sup>2</sup> Name change effective January, 2022.

Specific coursework information can be found on the Degree Requirements tab.

**Departmental Admission Requirements**

**Entering First-Year Students to Lower Division BSW**

1. Either of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
2. High school GPA of 2.5 or higher
3. Pre-College Curriculum (PCC) GPA of 2.5 or higher
4. ACT/SAT score of 20/1020 or higher
5. Students with admission criteria below the above standards are admitted to Pre-Social Work in the Exploratory Division

**Transfer Students to Lower Division**

**Transfer students with fewer than 24 credit hours**

1. College GPA of 2.5 or higher
2. Either of the following:
  - a. Graduation from accredited high school
  - b. Successful completion of General Education Development (GED) tests
3. High school GPA of 2.5 or higher
4. Pre-College Curriculum (PCC) GPA of 2.5 or higher
5. ACT/SAT score of 20/1020 or higher

**Transfer student with 24 credit hours or more**

College GPA of 2.5 or higher

**UofL Student Switching Major**

University GPA of 2.5 or higher, please use major change form on ULink at Louisville.edu

**Post-baccalaureate Student**

- College cumulative GPA of 2.5
- Applicants with higher GPAs are encouraged to apply to the MSSW program

**Upper Division BSW Students**

Requires internal application from Kent School. Must have 45 hours of college credit, a minimum of 2.5 GPA. The packet consists of a personal statement, secondary application, resume, and 2 letters of recommendation directly to Kent School BSW Program. Transfer student must submit undergraduate application, all college transcripts to UL Admissions. This is a competitive program approved by the department.

Must meet application deadline: Priority deadline, February 1; Final deadline, May 1 for following Fall acceptance to Upper Division. Late applications will be accepted on a case-by-case basis, please contact the BSW Department for approval to apply late (BSWKent@louisville.edu). Applicants need to apply directly to Kent School BSW Program before the application deadline.

**Admissions to the Lower Division does not guarantee admission to the Upper Division**

**General Education Requirements**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
The following courses are required by the program and should be taken to fulfill the respective General Education requirement:		
SOC 202	Social Problems - D1, SB (SOC 202 satisfies 3 hours of SB and D1 General Education Requirement)	
	or SOC 201 Introduction to Sociology - SB	
	or SOC 203 Introduction to Social Psychology - SB	
MATH 105	Quantitative Reasoning - QR	
	or MATH 111 College Algebra - QR	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

**College/School Requirements**

**Social Work Lower Division Requirements<sup>4</sup>**

Code	Title	Hours
SW 101	Social Work Orientation	1
SW 201	Introduction to Social Work - D1, SB	3
PSYC 201	Introduction to Psychology - SB	3
MATH 105	Quantitative Reasoning - QR	3
	or MATH 111 College Algebra - QR	
Select one of the following:		3
SW 203	Human Biology for Social Sciences (suggested)	
HSS 202	Human Anatomy & Physiology <sup>2</sup>	
PSYC 344	Physiological Psychology	
Select one of the following Sociology courses:		3
SOC 201	Introduction to Sociology - SB	
SOC 202	Social Problems - D1, SB	

SOC 203	Introduction to Social Psychology - SB	
Select one of the following Statistics courses:		3
SW 204	Introduction to Social Statistics (suggested)	
MATH 109	Elementary Statistics - QR <sup>2</sup>	
PSYC 301	Statistics for Psychology <sup>2</sup>	
SOC 301	Introduction to Social Statistics <sup>2</sup>	
CJ 326	Quantitative Analysis - QR	
General electives <sup>3</sup>		22
<b>Minimum Total Hours</b>		<b>41</b>

## Program/Major Requirements

### Social Work Upper Division Requirements

Course	Title	Hours
<b>Year 3</b>		
<b>Fall</b>		
SW 302	Social Welfare Institutions, Policies and Services	3
SW 303	Generalist Practice I	3
SW 301	Human Behavior and the Social Environment I	3
Intro to SW (SW201) if not taken in Lower Division or Upper Division Social Work Elective <sup>5</sup>		3
Upper Division Social Work Elective <sup>5</sup>		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SW 322	Issues in Policy and Service Delivery	3
SW 304	Generalist Practice II	3
SW 319	Human Behavior and the Social Environment II	3
SW 307	Diversity, Oppression and Social Justice Practice <sup>6</sup>	3
Upper Division Social Work Elective <sup>5</sup>		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
SW 405	Generalist Practice III	3
SW 470	Practicum I <sup>6</sup>	3
SW 472	Practicum Seminar and Lab I - CUE	3
SW 426	Introduction to Social Work Research	3
Upper Division Social Work Elective <sup>5</sup>		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SW 406	Generalist Practice IV	3
SW 471	Practicum II <sup>6</sup>	3
SW 473	Practicum Seminar and Lab II	3
Upper Division Social Work Elective <sup>5</sup>		3
Upper Division Social Work Elective <sup>5</sup>		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>60</b>

Code	Title	Hours
<b>Code Title Hours</b>		
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
SW 472	Practicum Seminar and Lab I - CUE	

<sup>1</sup> Six (6) hours of Diversity (D1/D2) coursework is required. If these competency areas are not covered as part of the program requirements and/or general elective coursework, 6 additional hours will be needed to fulfill the University of Louisville competency-area requirements.

<sup>2</sup> Or equivalent as approved/decided by the unit

- <sup>3</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.
- <sup>4</sup> Students must have a minimum total of 60 credit hours to complete the Lower Division requirements.
- <sup>5</sup> Three of the five Upper Division Social Work Elective courses may be from the College of Arts and Sciences, Division of Social Sciences (minimum 300 level). Please contact the BSW Advising Team should you have questions.
- <sup>6</sup> The Upper Division BSW Program curriculum has changed for students entering for Summer/Fall 2019. Students will be required to take SW 307 Diversity, Oppression and Social Justice Practice and five Upper Division Electives to meet the total credit hours of 120. Practicum I and II are now 3 credit hours each.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
SW 101	Social Work Orientation	1
ENGL 101	Introduction to College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		1
MATH 105	Quantitative Reasoning - QR (Cardinal Core Quantitative Reasoning - QR must be MATH 105 or MATH 111. MATH 109 Elementary Statistics will count towards the BSW supporting requirement of Statistics, not Cardinal Core QR - you must have MATH QR and a course in Statistics for the BSW Program)	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
HIST 101	History of Civilizations I - D2, SBH	3
or HIST 102	or History of Civilizations II - D2, SBH	
SW 201	Introduction to Social Work - D1, SB	3
General Education: Cardinal Core Oral Communication - OC		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
PSYC 201	Introduction to Psychology - SB	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		3
General Elective: SOC 210, PAS 200 or WGST 364 suggested		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 202	Social Problems - D1, SB	3
General Elective: ANTH 201, GEOG 200, or PAS 206 suggested		3
Select one of the following:		3
HSS 202	Human Anatomy & Physiology	
PSYC 344	Physiological Psychology	
SW 203	Human Biology for Social Sciences (suggested)	
Select one of the following:		3
SW 204	Introduction to Social Statistics (suggested)	
SOC 301	Introduction to Social Statistics	
PSYC 301	Statistics for Psychology	
MATH 109	Elementary Statistics - QR	
CJ 326	Quantitative Analysis - QR	

General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
SW 301	Human Behavior and the Social Environment I	3
SW 302	Social Welfare Institutions, Policies and Services	3
SW 303	Generalist Practice I	3
Intro to SW (SW201) if not taken in Lower Division or Social Work Upper Division elective		3
Upper Division Social Work Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SW 304	Generalist Practice II	3
SW 319	Human Behavior and the Social Environment II	3
SW 322	Issues in Policy and Service Delivery	3
SW 307	Diversity, Oppression and Social Justice Practice	3
Upper Division Social Work Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
SW 405	Generalist Practice III	3
SW 470	Practicum I	3
SW 472	Practicum Seminar and Lab I - CUE	3
SW 426	Introduction to Social Work Research	3
Social Work Upper Division elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SW 406	Generalist Practice IV	3
SW 471	Practicum II	3
SW 473	Practicum Seminar and Lab II	3
Upper Division Social Work Elective		3
Upper Division Social Work Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>120</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

The Bachelor of Social Work (SW BSW) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine

your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Sociology (BA)



This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Sociology

Unit: College of Arts and Sciences (AS) (<https://louisville.edu/artsandsciences/>)

Department: Sociology (<http://louisville.edu/sociology/>)

Academic Plan Code(s): SOC\_BA, SOC\_BA\_O, SOC\_BA\_CUL, SOC\_BA\_DIN

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/program-finder/>).*

Students in the Bachelor of Arts (BA) in Sociology program learn to take an analytical, evidence-driven approach to social issues, as well as gain the interpersonal communication skills necessary to craft persuasive narratives grounded in critical thought. Sociology students focus on diversity and inequality and use their analytical insight into social structures for effective formulation and implementation of democratic social policy.

Those interested in sociology are intrigued by the challenging social issues pervading our world, how society influences and is influenced by them, and how to effectuate change. BA in Sociology students learn how to address these issues through scientific research and application, and, as our world continuously evolves, sociology students are well prepared to offer insight into these changes and how best to accommodate them.

Given the breadth, adaptability, and utility of sociology, employment opportunities are plentiful in social service agencies; federal, state, and local governments; non-profit organizations; and private enterprises

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	18
	Track Requirements <sup>2</sup>	51
<b>Minimum Total Hours</b>		<b>122</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

<sup>2</sup> Sociology offers three BA options (two tracks and one non-track). For all three options, including the non-track, please refer to the Track Requirements tab.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA-BS/MA in Sociology

The Department of Sociology offers an accelerated master's degree program, which is designed to allow motivated undergraduates the opportunity to earn graduate credit hours in sociology during their senior year. As undergraduates, accelerated students may earn between 6-9 credit hours (taking 2-3 graduate level courses), which are applied toward both the undergraduate degree as well as the graduate degree, allowing students to begin the graduate program in sociology with credits already applied toward their MA degree.

The graduate courses taken during the student's senior year will depend on the courses the student has remaining to complete his/her undergraduate degree in sociology. The undergraduate advisor works individually with accelerated students regarding their course schedules.

**NOTE:** Students in the accelerated program in sociology may only apply their graduate credits earned as an undergraduate toward the graduate degree in sociology at UofL.

To be admitted to the program, a student must have: an undergraduate GPA of 3.35 or better at the time of application and satisfactory GRE scores (see Admissions tab for more information).

## Departmental Admission Requirements

Admission to the BA in Sociology requires:

1. Completion of SOC 301 with a grade of C or better;
2. Minimum cumulative grade point average of 2.0; and
3. Minimum cumulative grade point average of 2.0 in Sociology, if any courses have been taken.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<https://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA-BS/MA in Sociology Application Procedure

Students must apply during the first or second semester of Junior year (i.e., when they have earned between 70-80 hours) by submitting the following to the Graduate Admissions Office:

- Graduate application (<http://louisville.edu/graduate/futurestudents/apply-materials/application/>)
- Two references (preferably from sociology instructors) in the form of a discursive letter of recommendation *and* completion of the Letter of Evaluation form (<https://louisville.app.box.com/s/w9jkkbu3cg10q7jtbwxo5rdkn2d1mjaa/>)
- Curriculum vitae (CV) or resume
- GRE scores.

Applicants must also submit to the Department of Sociology responses to the Sociology Graduate Admissions Questionnaire (below).

Responses should be of sufficient length to give the Graduate Admissions Committee a basis for evaluating the student's interest in and ability to complete the program, and provide a sample of the student's writing. Responses can be submitted in four separate essays or combined in one longer essay.

### Admissions Questionnaire

1. Please explain your reasons for applying to the accelerated master's program in sociology. What are your professional or occupational objectives (including any study beyond the master of arts in sociology)? How does this department's program fit into those objectives?
2. What areas of sociology do you find especially interesting for study and/or research?
3. What positions of responsibility, if any, have you had, and what, specifically, do you believe you have gained from such experience? Positions may include not only employment, but offices held in organizations, volunteer work, etc.
4. Please summarize what you believe to be your most important accomplishments to date, including those in the academic or occupational areas.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

SOC 202 Social Problems - D1, SB  
or SOC 210 Race in the United States - SB, D1

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	12
	Electives in Humanities or Natural Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Sociology</b>		
SOC 201	Introduction to Sociology - SB	3
SOC 202 or SOC 210	Social Problems - D1, SB <sup>4</sup> Race in the United States - SB, D1	3
SOC 301	Introduction to Social Statistics	3
SOC 303	Introduction to Research Methods - WR <sup>5</sup>	3
SOC 320	Social Theory - WR <sup>5</sup>	3
SOC 323	Diversity and Inequality	3
<b>Minimum Total Hours</b>		<b>18</b>

Code	Title	Hours
	<b>Track Requirements (see Track Requirements tab)</b>	<b>51</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

Sociology majors may take no more than six hours of "Special Topics" courses in Sociology to meet degree requirements.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement) <sup>6</sup></b>		
Requirement fulfilled by completing one of the following:		
SOC 400	Independent Study - CUE	
SOC 405	Voluntarism - CUE	
SOC 406	Applied Sociology - CUE	
SOC 410	Sociology of Aging - CUE	
SOC 415	Sociology of Death & Dying - CUE	
SOC 425	Sociology of Leisure - CUE	
SOC 435	Sociology of Health and Illness - CUE	
SOC 440	The Health Care System - CUE	
SOC 450	Special Topics in Sociology - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	
SOC 455	Sociology of Work - WR, CUE	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 470	Political Sociology - CUE	
SOC 472	Sociology of Education - WR, CUE	
SOC 480	Juvenile Delinquency - CUE	
SOC 499	Senior Honors Thesis - WR, CUE	

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> May be used to satisfy a General Education: Cardinal Core requirement.
- <sup>5</sup> SOC 303 and SOC 320 must be completed with a grade of C or better.
- <sup>6</sup> The list of approved CUE courses appears above. At least one of the 400-level courses taken to satisfy track requirements must be a designated CUE course.

## Track Requirements

Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

### Non-Track Sociology BA

Academic Plan Code(s): SOC\_BA

Code	Title	Hours
<b>Environment, Health and Population Studies</b>		
Select one of the following courses:		3
SOC 305	Urban Sociology	
SOC 306	Demography	
SOC 307	Rural Sociology	
SOC 315	Environmental Sociology	
SOC 329	Sociology of Families	
SOC 340	Mental Health and Illness	
SOC 342	Medical Sociology	
SOC 343	Sociology of Women's Health	
SOC 350	Special Topics in Sociology <sup>1</sup>	
SOC 392	Faces of Global Poverty - WR	
SOC 394	Globalization, Culture and Third-World Development	
<b>Social Inequalities, Behavioral, and Structural Studies</b>		
Select two of the following courses:		6
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 334	Sociology of Deviant Behavior	
SOC 336	Criminology	
SOC 344	Sociology of Music in Contemporary America	
SOC 346	Sociology of Religion	
SOC 374	Money, Economics and Society - WR	
SOC 380	Animals and Society	
Four 400-level Sociology electives <sup>2</sup>		12
<b>Social Science Supporting Courses</b>		
Select one of the following courses:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	

Electives in Social Sciences other than Sociology, of which 6 hours must be at 300 level or above	15
Minimum Electives	12
<b>Minimum Total Hours</b>	<b>51</b>

<sup>1</sup> SOC 350 may be used to satisfy this degree requirement depending on the appropriateness of its topic and with the department undergraduate advisor's approval. Other sociology electives may be substituted upon approval from the department undergraduate advisor.

<sup>2</sup> One of these 400-level electives must be a designated Sociology CUE course.

## BA in Sociology with a Track in Diversity and Inequality

Academic Plan Code(s): SOC\_BA\_DIN

Code	Title	Hours
Select three of the following courses:		9
SOC 305	Urban Sociology	
SOC 306	Demography	
SOC 315	Environmental Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 334	Sociology of Deviant Behavior	
SOC 343	Sociology of Women's Health	
SOC 346	Sociology of Religion	
SOC 350	Special Topics in Sociology <sup>1</sup>	
SOC 374	Money, Economics and Society - WR	
SOC 392	Faces of Global Poverty - WR	
Select four of the following courses:		12
SOC 410	Sociology of Aging - CUE	
SOC 415	Sociology of Death & Dying - CUE	
SOC 420	Sociology of Sport	
SOC 425	Sociology of Leisure - CUE	
SOC 442	Sociology of Disabilities	
SOC 450	Special Topics in Sociology - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	
SOC 456	Gender and Work	
SOC 460	Gender in the Middle East	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 470	Political Sociology - CUE	
SOC 472	Sociology of Education - WR, CUE	
<b>Social Science Supporting Courses</b>		
Select two of the following courses:		6
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
Select four of the following courses, at least six hours of which must be at the 300+ level:		12
ANTH 309	Sex, Gender and Culture	

ANTH 310	Race, Culture, Identity
ANTH 318	African-American Cultural Traditions
ANTH 320	Indigenous Peoples of North America - SBH, D1
ANTH 321	American Indian Women
ANTH 331	Anthropology of Religion
ANTH 339	The Anthropology of Space and Place
ANTH 340	Human Rights
CJ 352	Sex Crimes
CJ 360	Juvenile Justice
CJ 375	Social and Restorative Justice
CJ 405	Crimes Against the Elderly
CJ 430	Environmental Crime
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery
COMM 325	Communicating Hip-Hop Culture
COMM 326	African Americans in American Media
ECON 331	Labor Economics
ECON 370	Public Choice and Political Economy
GEOG 324	Race and Place
GEOG 340	Environmental Conflict in the United States: Historical Foundations & Contemporary Problems - D1, SBH
HIST 313	Comparative Environmental History
HIST 319	African-American History I - D1, SBH
HIST 320	African-American History II - D1, SBH
HIST 322	The History of the Civil Rights Movement, 1900 to Present
HIST 323	Modern American Social Movements
HIST 324	The History of Women, 1700 to the Present
HIST 326	History of Childhood in America - D1, SBH, WR
PAS 205	Race, Color and Consciousness - D1, SB
PAS 247	Language, Protest and Identity - D1, SB
PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System
PAS 324	Politics, Political Violence and Black Resistance
PAS 325	Politics of Black Male Identity in Post-Modern America
PAS 327	Politics of the Black Community - SB, D1
PAS 333	Black Student Experience: Issues with Persistence & Inclusion in PWIs - D1, SB
PAS 335	Survey of African-American Education - SB, D1
PAS 338	Race and Economics
PAS 339	Black Women and the Criminology System
PAS 344	Black Lesbian Lives
PAS 364	Racism and Sexism - SB, D1
PAS 374	The Black Power Movement
PEAC 325	Peace, Justice & Conflict Transformation
POLS 315	Race, Law and Politics - SB, D1
POLS 316	Gender, Sexuality & Law
POLS 318	Religion and United States Politics - D1, SB
POLS 323	Queer Politics
POLS 324	Women in American Politics
POLS 327	African-American Politics - D1, SB

WGST 349	Color Complex of Black Women	
Minimum Electives		12
<b>Minimum Total Hours</b>		<b>51</b>

<sup>1</sup> SOC 350 may be used to satisfy this degree requirement depending on the appropriateness of its topic and with the department undergraduate advisor's approval. Other sociology electives may be substituted upon approval from the department undergraduate advisor.

## BA in Sociology with a Track in Sociology of Culture

Academic Plan Code(s): SOC\_BA\_CUL

Code	Title	Hours
Select three of the following courses:		9
SOC 305	Urban Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 344	Sociology of Music in Contemporary America	
SOC 346	Sociology of Religion	
SOC 350	Special Topics in Sociology <sup>1</sup>	
SOC 374	Money, Economics and Society - WR	
SOC 380	Animals and Society	
Select four of the following courses:		12
SOC 415	Sociology of Death & Dying - CUE	
SOC 420	Sociology of Sport	
SOC 425	Sociology of Leisure - CUE	
SOC 450	Special Topics in Sociology - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	
SOC 455	Sociology of Work - WR, CUE	
SOC 456	Gender and Work	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 470	Political Sociology - CUE	
SOC 472	Sociology of Education - WR, CUE	

### Social Science Supporting Courses

Select two of the following courses: 6

ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	

Select four of the following courses, at least six hours of which must be at the 300+ level: 12

ANTH 205	Music in World Cultures - D2, SB	
ANTH 309	Sex, Gender and Culture	
ANTH 310	Race, Culture, Identity	
ANTH 318	African-American Cultural Traditions	
ANTH 320	Indigenous Peoples of North America - SBH, D1	
ANTH 321	American Indian Women	
ANTH 328	Environmental Archaeology	
ANTH 331	Anthropology of Religion	
ANTH 332	Ecology, Politics and Culture	

ANTH 334	Conflict, Law, and Culture	
ANTH 339	The Anthropology of Space and Place	
ANTH 340	Human Rights	
ANTH 342	Museums, Culture and Nationhood	
ANTH 343	Language and Culture - D1, AH	
COMM 433	Children and Television - WR	
COMM 435	Media, Culture and Society	
GEOG 324	Race and Place	
PAS 214	African-American Music - AH, D1	
PAS 272	Reggae Music & the Politics of Black Liberation - D2, AH	
PAS 273	The Rhythm and Blues Revolution and American Culture - D1, AH	
PAS 310	African-American Art I: From West Africa to 1920s	
PAS 311	African-American Art History II: From the 1920s to Present	
PAS 330	Women in African-American Religion	
PAS 344	Black Lesbian Lives	
PAS 372	Black Music and Identity in the 1960s	
WGST 203	Gender Issues in Public Dialogue - OC, D1	
WGST 303	Humanities and Gender - D2, AH	
WGST 395	Women, Media and Culture - AH, D1	
WGST 522	The Body in Popular Media - WR	
WGST 523	Gender and Popular Music - WR	
WGST 538	Woman and Sport	
Minimum Electives		12
<b>Minimum Total Hours</b>		<b>51</b>

<sup>1</sup> SOC 350 may be used to satisfy this degree requirement depending on the appropriateness of its topic and with the department undergraduate advisor's approval. Other sociology electives may be substituted upon approval from the department undergraduate advisor.

## Flight Plan Non-Track BA in Sociology

Academic Plan Code: SOC\_BA

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
SOC 201	Introduction to Sociology - SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities - AH		3
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3

Foreign Language 1	4
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
General Education: Cardinal Core Natural Sciences - S	3
General Education: Cardinal Core Natural Sciences Lab - SL	1
SOC 202 Social Problems - D1, SB or SOC 210 or Race in the United States - SB, D1	3
<b>Hours</b>	<b>17</b>
<b>Year 2</b>	
<b>Fall</b>	
Foreign Language 2	4
General Education: Cardinal Core Oral Communication - OC	3
SOC 301 Introduction to Social Statistics	3
General Education: Cardinal Core Natural Sciences - S	3
Humanities or Natural Science elective	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
SOC 303 Introduction to Research Methods - WR	3
SOC 323 Diversity and Inequality	3
Foreign Language 3	4
Humanities or Natural Science elective (300 level or above)	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
<b>Hours</b>	<b>16</b>
<b>Year 3</b>	
<b>Fall</b>	
SOC 320 Social Theory - WR	3
Social Science elective	3
Environment, Health, and Population Studies elective (300 level or above)	3
Social Science elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Humanities or Natural Science elective (300 level or above)	3
Social Inequalities, Behavioral, and Structural Studies elective	3
Sociology elective (400 level)	3
Social Science elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Sociology elective from Social Inequalities, Behavioral, and Structural Studies	3
Sociology elective (400 level)	3
Social Science elective (300 level or above)	3
General elective (300 level or above)	3
General elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Sociology elective (400 level and CUE)	3
Sociology elective (400 level)	3
Social Science elective (300 level or above)	3
General elective	3
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>122</b>

## Track in Sociology of Culture

Academic Plan Code: SOC\_BA\_CUL

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1

ENGL 101	Introduction to College Writing - WC	3
SOC 201	Introduction to Sociology - SB	3
General Education: Cardinal Core Quantitative Reasoning-QR		3
General Education: Cardinal Core Arts & Humanities-AH		3
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 1		4
General Education: Cardinal Core Arts & Humanities Global Diversity		3
General Education: Cardinal Core Natural Sciences-S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
SOC 202	Social Problems - D1, SB or SOC 210 or Race in the United States - SB, D1	3
<b>Hours</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
Foreign Language 2		4
General Education: Cardinal Core Oral Communication-OC		3
SOC 301	Introduction to Social Statistics	3
General Education: Cardinal Core Natural Sciences-S		3
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SOC 303	Introduction to Research Methods - WR	3
SOC 323	Diversity and Inequality	3
Foreign Language 3		4
Humanities or Natural Sciences elective		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective-SBH		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
SOC 320	Social Theory - WR	3
Humanities or Natural Sciences elective (300 level or above)		3
Sociology elective <sup>1</sup>		3
Social Science elective		3
Social Science elective <sup>2</sup>		3
Social Science elective <sup>2</sup>		3
<b>Hours</b>		<b>18</b>
<b>Spring</b>		
Humanities or Natural Sciences elective (300 level or above)		3
Sociology elective <sup>1</sup>		3
400-level Sociology elective <sup>3</sup>		3
Social Science elective (300 level or above) <sup>2</sup>		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
Sociology elective <sup>1</sup>		3

400-level Sociology elective <sup>3</sup>	3
Social Science elective (300 level or above) <sup>2</sup>	3
General elective (300 level or above)	3
<b>Hours</b>	<b>12</b>
<b>Spring</b>	
400-level Sociology elective and CUE <sup>3</sup>	3
400-level Sociology elective <sup>3</sup>	3
General elective	3
General elective	3
<b>Hours</b>	<b>12</b>
<b>Minimum Total Hours</b>	<b>122</b>

<sup>1</sup> This elective must be chosen from among the following courses: SOC 305, SOC 325, SOC 327, SOC 329, SOC 344, SOC 346, SOC 350 (if the topic is related to the sociology of culture), SOC 374 or SOC 380. Other electives may be substituted with approval from the undergraduate advisor.

<sup>2</sup> This elective must be selected from among the following: ANTH 205, ANTH 309, ANTH 310, ANTH 318, ANTH 320, ANTH 321, ANTH 328, ANTH 331, ANTH 332, ANTH 334, ANTH 339, ANTH 340, ANTH 343, COMM 433, COMM 435, GEOG 324, PAS 214, PAS 272, PAS 273, PAS 310, PAS 311, PAS 330, PAS 344, PAS 372, WGST 201, WGST 303, WGST 395, WGST 522, WGST 523, or WGST 538.

<sup>3</sup> This elective must be chosen from among the following: SOC 415, SOC 420, SOC 425, SOC 450 (if the topic is related to sociology of culture), SOC 454, SOC 455, SOC 464, SOC 470, or SOC 472. Other electives may be substituted with approval from the undergraduate advisor.

## Track in Diversity and Inequality

Academic Plan Code: SOC\_BA\_DIN

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
SOC 201	Introduction to Sociology - SB	3
General Education: Cardinal Core Quantitative Reasoning-QR		3
General Education: Cardinal Core Arts & Humanities-AH		3
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 1		4
General Education: Cardinal Core Arts & Humanities Global Diversity-AHD2		3
General Education: Cardinal Core Natural Sciences-S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
SOC 202 or SOC 210	Social Problems - D1, SB or Race in the United States - SB, D1	3
<b>Hours</b>		<b>17</b>
<b>Year 2</b>		
<b>Fall</b>		
Foreign Language 2		4

General Education: Cardinal Core Oral Communication-OC		3
SOC 301	Introduction to Social Statistics	3
General Education: Cardinal Core Natural Sciences-S		3
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
SOC 303	Introduction to Research Methods - WR	3
SOC 323	Diversity and Inequality	3
Foreign Language 3		4
Humanities or Natural Sciences elective		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective-SBH		3
<b>Hours</b>		<b>16</b>

<b>Year 3</b>		
<b>Fall</b>		
SOC 320	Social Theory - WR	3
Humanities or Natural Sciences elective (300 level or above)		3
Sociology elective <sup>1</sup>		3
Social Science elective		3
Social Science elective <sup>2</sup>		3
Social Science elective <sup>2</sup>		3
<b>Hours</b>		<b>18</b>

<b>Spring</b>		
Humanities or Natural Sciences elective (300 level or above)		3
Sociology elective <sup>1</sup>		3
400-level Sociology elective <sup>3</sup>		3
Social Science elective (300 level or above) <sup>2</sup>		3
General elective		3
<b>Hours</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
Sociology elective <sup>1</sup>		3
400-level Sociology elective <sup>3</sup>		3
Social Science elective (300 level or above) <sup>2</sup>		3
General elective (300 level or above)		3
General elective (300 level or above)		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
400-level Sociology elective and CUE <sup>3</sup>		3
400-level Sociology elective <sup>3</sup>		3
General elective		3
General elective		3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>125</b>

<sup>1</sup> This elective must be chosen from one of the following: SOC 305, SOC 306, SOC 315, SOC 325, SOC 327, SOC 329, SOC 334, SOC 343, SOC 346, SOC 350 (if the topic is related to diversity and inequality), SOC 374, or SOC 392. Other electives may be substituted with approval from the undergraduate advisor.

- <sup>2</sup> This elective must be selected from one of the following: ANTH 309, ANTH 310, ANTH 318, ANTH 320, ANTH 321, ANTH 331, ANTH 339, ANTH 340, CJ 352, CJ 360, CJ 375, CJ 405, CJ 430, CJ 440, COMM 325, COMM 326, ECON 331, ECON 370, GEOG 324, GEOG 340, HIST 313, HIST 319, HIST 320, HIST 322, HIST 324, HIST 326, PAS 205, PAS 247, PAS 305, PAS 324, PAS 325, PAS 327, PAS 333, PAS 335, PAS 338, PAS 339, PAS 344, PAS 364, PAS 374, PEAC 325, POLS 315, POLS 316, POLS 318, POLS 323, POLS 324, POLS 327, or WGST 349.
- <sup>3</sup> This elective must be chosen from one of the following: SOC 410, SOC 415, SOC 420, SOC 425, SOC 442, SOC 450 (if the topic is related to diversity and inequality), SOC 454, SOC 456, SOC 460, SOC 464, SOC 470, or SOC 472. Other electives may be substituted with approval from the undergraduate advisor.

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Sociology (BS)**



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Sociology**

Unit: College of Arts and Sciences (AS) (<https://louisville.edu/artsandsciences/>)

Department: Sociology (<http://louisville.edu/sociology/>)  
Academic Plan Code(s): SOC\_BS, SOC\_BS\_HMW

**Program Information**

Sociology students learn how to address these issues through scientific research and application, and, as our world continuously evolves. Sociology majors are well prepared to offer insight into these changes and how best to accommodate them. Sociology majors are offered a rich environment within which to develop skills in critical thinking, analytic problem-solving, and communication that are required by employers and/or that prepare them for a range of graduate programs.

Given the training in research methods, statistics, and topical areas, employment opportunities for sociology majors are plentiful in social service agencies; federal, state, and local governments; nonprofit organizations; and private enterprises. The emerging global economic order and the increased complexity of corporate cultures promise to open even more opportunities for our graduates. Some sociology majors help companies develop global marketing strategies, and others work to enhance the culture and organization of corporations.

Sociology students pursue careers in a variety of fields: business, child welfare, computer industry, criminal justice, education (teaching, evaluation research, consultation, research), gerontology, health care, international relations, law, law enforcement, leisure/recreation/sport, military/military intelligence, social work, and urban planning or management, and more.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

**Degree Summary**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15
	Program/Major Requirements	18
	Track Requirements <sup>2</sup>	60
<b>Minimum Total Hours</b>		<b>122-124</b>

- <sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.
- <sup>2</sup> Sociology offers two BS options, one track and one non-track. For both options, please refer to the Track Requirements tab.

Specific coursework information can be found on the Degree Requirements tab.

**Accelerated BA-BS/MA in Sociology**

The Department of Sociology offers a an accelerated master's degree program, which is designed to allow motivated undergraduates the opportunity to earn graduate credit hours in sociology during their senior year. As undergraduates, accelerated students may earn between 6-9 credit hours (taking 2-3 graduate level courses), which are applied toward both the undergraduate degree as well as the graduate degree, allowing

students to begin the graduate program in sociology with credits already applied toward their MA degree.

The graduate courses taken during the student's senior year will depend on the courses the student has remaining to complete his/her undergraduate degree in sociology. The undergraduate advisor works individually with accelerated students regarding their course schedules.

**NOTE:** Students in the accelerated program in sociology may only apply their graduate credits earned as an undergraduate toward the graduate degree in sociology at UofL.

To be admitted to the program, a student must have: an undergraduate GPA of 3.35 or better at the time of application and satisfactory GRE scores (see Admissions tab for more information).

## Departmental Admission Requirements

Admission to the BS in Sociology requires:

1. Completion of SOC 301 with a grade of C or better
2. Minimum cumulative grade point average of 2.0
3. Minimum cumulative grade point average of 2.0 in Sociology, if any courses have been taken.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA-BS/MA in Sociology Application Procedure

Students must apply during the first or second semester of Junior year (i.e., when they have earned between 70-80 hours) by submitting the following to the Graduate Admissions Office:

- Graduate application (<http://louisville.edu/graduate/futurestudents/apply-materials/application/>)
- Two references (preferably from sociology instructors) in the form of a discursive letter of recommendation *and* completion of the Letter of Evaluation form (<https://louisville.app.box.com/s/w9jkkbu3cg10q7jtbwxo5rdkn2d1mjaa/>)
- Curriculum vitae (CV) or resume
- GRE scores.

Applicants must also submit to the Department of Sociology responses to the Sociology Graduate Admissions Questionnaire (below).

Responses should be of sufficient length to give the Graduate Admissions Committee a basis for evaluating the student's interest in and ability to complete the program, and provide a sample of the student's writing. Responses can be submitted in four separate essays or combined in one longer essay.

### Admissions Questionnaire

1. Please explain your reasons for applying to the accelerated master's program in sociology. What are your professional or occupational objectives (including any study beyond the master of arts in sociology)? How does this department's program fit into those objectives?
2. What areas of sociology do you find especially interesting for study and/or research?

3. What positions of responsibility, if any, have you had, and what, specifically, do you believe you have gained from such experience? Positions may include not only employment, but offices held in organizations, volunteer work, etc.
4. Please summarize what you believe to be your most important accomplishments to date, including those in the academic or occupational areas.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and can satisfy the respective General Education Requirement:

SOC 202	Social Problems - D1, SB
or SOC 210	Race in the United States - SB, D1

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	6-8
	Electives in Humanities or Natural Sciences at 300-level or above <sup>2</sup> WR—two approved courses at the 300 level or above <sup>3</sup>	6
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Sociology</b>		
SOC 201	Introduction to Sociology - SB	3
SOC 202 or SOC 210	Social Problems - D1, SB <sup>4</sup> Race in the United States - SB, D1	3
SOC 301	Introduction to Social Statistics	3
SOC 303	Introduction to Research Methods - WR	3
SOC 320	Social Theory - WR	3
SOC 323	Diversity and Inequality	3
<b>Minimum Total Hours</b>		<b>18</b>

Code	Title	Hours
<b>Track Requirements (see Track Requirements tab)</b>		<b>60</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

Sociology majors may take no more than six hours of "Special Topics" courses in sociology to meet degree requirements.

At least 50 of the total minimum hours required must be at the 300 level or above.

Completion of this degree requires completion of SOC 303 and SOC 320 with a grade of C or better.

Code	Title	Hours
<b>Culminating Undergraduate Experience (For students admitted Summer 2014 or later)</b>		
Requirement fulfilled by completing one of the following:		
SOC 400	Independent Study - CUE	
SOC 405	Voluntarism - CUE	
SOC 406	Applied Sociology - CUE	
SOC 410	Sociology of Aging - CUE	
SOC 415	Sociology of Death & Dying - CUE	
SOC 425	Sociology of Leisure - CUE	
SOC 435	Sociology of Health and Illness - CUE	
SOC 440	The Health Care System - CUE	
SOC 450	Special Topics in Sociology - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	
SOC 455	Sociology of Work - WR, CUE	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 470	Political Sociology - CUE	
SOC 472	Sociology of Education - WR, CUE	
SOC 480	Juvenile Delinquency - CUE	
SOC 499	Senior Honors Thesis - WR, CUE	

- <sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- <sup>2</sup> In addition to courses counted toward General Education
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> May be used to satisfy a General Education requirement.
- <sup>5</sup> SOC 350 may be used to satisfy this degree requirement depending on the appropriateness of its topic and with the department undergraduate advisor's approval. Other sociology electives may be substituted upon approval from the department undergraduate advisor.
- <sup>6</sup> In addition to courses counted toward general education
- <sup>7</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

### No-track, Sociology BS

Academic Plan Code(s): SOC\_BS

Code	Title	Hours
<b>Environment, Health, and Population Studies</b>		
Select one of the following courses:		3
SOC 305	Urban Sociology	
SOC 306	Demography	
SOC 307	Rural Sociology	
SOC 315	Environmental Sociology	
SOC 329	Sociology of Families	
SOC 340	Mental Health and Illness	
SOC 342	Medical Sociology	
SOC 343	Sociology of Women's Health	
SOC 350	Special Topics in Sociology	
SOC 392	Faces of Global Poverty - WR	

SOC 394	Globalization, Culture and Third-World Development	
<b>Social Inequalities, Behavioral, and Structural Studies</b>		
Select two of the following courses:		6
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 334	Sociology of Deviant Behavior	
SOC 336	Criminology	
SOC 344	Sociology of Music in Contemporary America	
SOC 346	Sociology of Religion	
SOC 374	Money, Economics and Society - WR	
SOC 380	Animals and Society	
Four 400-level Sociology electives		12
One 200+ level Sociology elective		3
SOC 400	Independent Study - CUE	3
or SOC 405 Voluntarism - CUE		
<b>Social Science Supporting Courses</b>		
Select one of the following courses:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
Electives in Social Sciences other than Sociology, of which 6 hours must be at 300 level or above		21
Minimum Electives		9
<b>Minimum Total Hours</b>		<b>60</b>

### BS in Sociology with a Track in Health, Medicine, and Well-Being

Academic Plan Code: SOC\_BS\_HMW

Code	Title	Hours
Select one of the following courses:		3
SOC 305	Urban Sociology	
SOC 306	Demography	
SOC 315	Environmental Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 334	Sociology of Deviant Behavior	
Select two of the following courses:		6
SOC 340	Mental Health and Illness	
SOC 342	Medical Sociology	
SOC 343	Sociology of Women's Health	
SOC 350	Special Topics in Sociology	
Select four of the following courses:		12
SOC 410	Sociology of Aging - CUE	
SOC 415	Sociology of Death & Dying - CUE	
SOC 425	Sociology of Leisure - CUE	
SOC 435	Sociology of Health and Illness - CUE	
SOC 440	The Health Care System - CUE	

SOC 442	Sociology of Disabilities	
SOC 450	Special Topics in Sociology - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	
One 200+ Sociology elective		3
SOC 400	Independent Study - CUE	3
or SOC 405	Voluntarism - CUE	
<b>Social Science Supporting Courses</b>		
Select one of the following courses:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
Electives in Social Sciences other than Sociology, of which 18 hours must come from the course list indicated below; 6 hours must be at the 300+ level, and 3 hours must be an ethics course <sup>1</sup>		21
Minimum Electives		9
<b>Minimum Total Hours</b>		<b>60</b>

<sup>1</sup> Eighteen hours must be taken from the following courses:

Code	Title	Hours
ANTH 207	Principles of Biological Anthropology - B	4
ANTH 303	Human Origins	3
ANTH 305	Genes, Peoples and Evolution	3
ANTH 307	Darwin	3
ANTH 308	Primates	3
ANTH 309	Sex, Gender and Culture	3
ANTH 327	The Human Skeleton	3
ANTH 328	Environmental Archaeology	3
ANTH 353	Evolutionary Anthropology	3
ANTH 354	Anthropology of Infectious Disease	3
ANTH 410	Skeletal Forensics	3
COMM 430	Health Communication - WR, CUE	3
CJ 352	Sex Crimes	3
CJ 415	Substance Abuse, Crime and Criminal Justice	3
ECON 355	Health Economics	3
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	3
HSS 310	Healthy Lifestyles II	3
HSS 364	Women's Health Issues - D1, SB	3
HSS 380	Medicinals: Their Use and Misuses	3
HSS 383	Public Health Principles and Practices	3
HSS 392	Principles of Sport and Exercise Psychology	3
HSS 430	Epidemiology of Health, Physical Activity and Nutrition	3
HSS 431	Leadership in Health Promotion - CUE	3
HSS 434	Public Health Education Methods	3
HSS 455	Current Trends and Issues in Health Education - CUE	3
HSS 460	Human Body in Health and Disease	3
HSS 462	Alcohol and Drug Education	3

HSS 469	Administering Health Promotion and Disease Prevention Programs	3
HIST 359	History of Modern Science	3
PSYC 305	Brain and Behavior	3
PSYC 325	Health Psychology	3
PHPB 301	Health Equity - SB, D1	3
PHEH 301	Public Health and Our Environment	3
PHEH 325	Public Health Nutrition	3
PHEH 330	Childhood Nutrition from a Public Health Perspective	3
PHEH 331	Food Composition and Public Health	3
PHEH 332	Nutrition Assessment Tools	3
PHPH 301	Global Public Health - SBH, D2	3
WGST 312	Sociology of Women's Health	3
WGST 364	Women's Health Issues - D1, SB	3
WGST 415	Sociology of Disabilities	3
WGST 509	Women and Medicine	3

## No-Track Sociology BS

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	or Arts & Sciences First Year Experience	
ENGL 101	Introduction to College Writing - WC	3
SOC 201	Introduction to Sociology - SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 1		3-4
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
LALS 310	Introduction to Latin American Studies - SB, D2	
PAS 200	Introduction to Pan-African Studies - D1, SB	
WGST 201	Women In American Culture - D1, AH	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 2		3-4
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - L		1
SOC 202	Social Problems - D1, SB	3
or SOC 210	or Race in the United States - SB, D1	
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
SOC 301	Introduction to Social Statistics	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Natural Sciences - S		3
Sociology elective (200 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 303	Introduction to Research Methods - WR	3
SOC 323	Diversity and Inequality	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Social Science elective		3

Humanities or Natural Science elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
SOC 320 Social Theory - WR	3
Humanities or Natural Science elective (300 level or above)	3
Environment, Health and Population Studies elective (300 level)	3
SOC 305 Urban Sociology	
or SOC 306 or Demography	
or SOC 307 or Rural Sociology	
or SOC 315 or Environmental Sociology	
or SOC 329 or Sociology of Families	
or SOC 340 or Mental Health and Illness	
or SOC 342 or Medical Sociology	
or SOC 343 or Sociology of Women's Health	
or SOC 350 or Special Topics in Sociology	
or SOC 392 or Faces of Global Poverty - WR	
or SOC 394 or Globalization, Culture and Third-World Development	
Social Inequalities, Behavioral, and Structural Studies elective (300 level)	3
SOC 325 Sociology of Human Sexuality	
or SOC 327 or Sociology of Gender	
or SOC 334 or Sociology of Deviant Behavior	
or SOC 336 or Criminology	
or SOC 344 or Sociology of Music in Contemporary America	
or SOC 346 or Sociology of Religion	
or SOC 374 or Money, Economics and Society - WR	
or SOC 380 or Animals and Society	
Social Science elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Sociology elective from Social Inequalities, Behavioral, and Structural Studies	3
SOC 325 Sociology of Human Sexuality	
or SOC 327 or Sociology of Gender	
or SOC 334 or Sociology of Deviant Behavior	
or SOC 336 or Criminology	
or SOC 344 or Sociology of Music in Contemporary America	
or SOC 346 or Sociology of Religion	
or SOC 374 or Money, Economics and Society - WR	
or SOC 380 or Animals and Society	
Sociology elective (400 level)	3
Social Science elective	3
Social Science elective (300 level or above)	3
Social Science elective	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
Sociology elective (400 level)	3
Sociology elective (400 level)	3
Social Science elective	3
Social Science elective (300 level or above)	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
SOC 400 Independent Study - CUE	3
or SOC 405 or Voluntarism - CUE	
Sociology elective (400 level)	3
Social Science elective (300 level)	3
General elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122-124</b>

## Track in Health, Medicine, and Well-Being

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	or Arts & Sciences First Year Experience	
ENGL 101	Introduction to College Writing - WC	3
SOC 201	Introduction to Sociology - SB	3
General Education: Cardinal Core Quantitative Reasoning-QR		3
Foreign Language 1		3-4
Select one of the following:		3
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
or	or Introduction to Latin American Studies - SB, D2	
LALS 310	or Introduction to Pan-African Studies - D1, SB	
or PAS 200	or Women In American Culture - D1, AH	
or	or Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
WGST 201		
or		
WGST 301		
<b>Hours</b>		<b>16-17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
Foreign Language 2		3-4
General Education: Cardinal Core Arts & Humanities-AH		3
General Education: Cardinal Core Natural Sciences-S		3
General Education: Cardinal Core Natural Sciences Lab-SL		1
SOC 202	Social Problems - D1, SB	3
or SOC 210	or Race in the United States - SB, D1	
<b>Hours</b>		<b>16-17</b>
<b>Year 2</b>		
<b>Fall</b>		
SOC 301	Introduction to Social Statistics	3
General Education: Cardinal Core Arts & Humanities Global Diversity-AHD2		3
General Education: Cardinal Core Oral Communication-OC		3
General Education: Cardinal Core Natural Sciences-S		3
Sociology elective (200 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SOC 303	Introduction to Research Methods - WR	3
SOC 323	Diversity and Inequality	3
General Education: Cardinal Core Social and Behavioral Sciences Historical Perspective-SBH		3
Social Science elective		3
Humanities or Natural Science elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
SOC 320	Social Theory - WR	3
Humanities or Natural Sciences elective (300 level or above)		3
One of the following Sociology electives:		3
SOC 305	Urban Sociology	
or SOC 306	or Demography	
or SOC 315	or Environmental Sociology	
or SOC 325	or Sociology of Human Sexuality	
or SOC 327	or Sociology of Gender	
or SOC 329	or Sociology of Families	
or SOC 334	or Sociology of Deviant Behavior	
One of the following track electives: <sup>2</sup>		3
SOC 340	Mental Health and Illness	
or SOC 342	or Medical Sociology	
or SOC 343	or Sociology of Women's Health	
or SOC 350	or Special Topics in Sociology	
Social science elective <sup>1</sup>		3
<b>Hours</b>		<b>15</b>

**Spring**

One of the following track electives: <sup>2</sup>	3
SOC 340 Mental Health and Illness or SOC 342 or Medical Sociology or SOC 343 or Sociology of Women's Health or SOC 350 or Special Topics in Sociology	
One of the following 400 level Sociology courses: <sup>3</sup>	3
SOC 410 Sociology of Aging - CUE or SOC 415 or Sociology of Death & Dying - CUE or SOC 425 or Sociology of Leisure - CUE or SOC 435 or Sociology of Health and Illness - CUE or SOC 440 or The Health Care System - CUE or SOC 442 or Sociology of Disabilities or SOC 450 or Special Topics in Sociology - CUE or SOC 454 or Social Inequality & Stratification - WR, CUE	
General elective	3
Social Science elective <sup>1</sup>	3
Social science elective <sup>1</sup>	3
<b>Hours</b>	<b>15</b>

**Year 4**

<b>Fall</b>	
One of the following 400 level Sociology electives: <sup>3</sup>	3
SOC 410 Sociology of Aging - CUE or SOC 415 or Sociology of Death & Dying - CUE or SOC 425 or Sociology of Leisure - CUE or SOC 435 or Sociology of Health and Illness - CUE or SOC 440 or The Health Care System - CUE or SOC 442 or Sociology of Disabilities or SOC 450 or Special Topics in Sociology - CUE or SOC 454 or Social Inequality & Stratification - WR, CUE	
One of the following 400 level Sociology electives: <sup>3</sup>	3
SOC 410 Sociology of Aging - CUE or SOC 415 or Sociology of Death & Dying - CUE or SOC 425 or Sociology of Leisure - CUE or SOC 435 or Sociology of Health and Illness - CUE or SOC 440 or The Health Care System - CUE or SOC 442 or Sociology of Disabilities or SOC 450 or Special Topics in Sociology - CUE or SOC 454 or Social Inequality & Stratification - WR, CUE	
Social science elective <sup>1</sup>	3
Ethics course related to health, medicine and well-being <sup>4</sup>	3
General elective	3
<b>Hours</b>	<b>15</b>

**Spring**

SOC 400 Independent Study - CUE or SOC 405 or Voluntarism - CUE	3
One of the following 400 level Sociology electives: <sup>3</sup>	3
SOC 410 Sociology of Aging - CUE or SOC 415 or Sociology of Death & Dying - CUE or SOC 425 or Sociology of Leisure - CUE or SOC 435 or Sociology of Health and Illness - CUE or SOC 440 or The Health Care System - CUE or SOC 442 or Sociology of Disabilities or SOC 450 or Special Topics in Sociology - CUE or SOC 454 or Social Inequality & Stratification - WR, CUE	
Social science elective (300 level or above) <sup>1</sup>	3
General elective	3
General elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>122-124</b>

- 1 Social science electives must be selected from the following: ANTH 207, ANTH 303, ANTH 305, ANTH 307, ANTH 308, ANTH 309, ANTH 327, ANTH 328, ANTH 353, ANTH 354, ANTH 410, COMM 430, CJ 352, CJ 415, ECON 355, HSS 293, HSS 310, HSS 364, HSS 380, HSS 383, HSS 392, HSS 430, HSS 431, HSS 434, HSS 455, HSS 460, HSS 462, HSS 469, HIST 359, PSYC 305, PSYC 325, PHPB 301, PHEH 301, PHEH 325, PHEH 330, PHEH 331, PHEH 332, PHPH 301, WGST 312, WGST 364, WGST 415, or WGST 509.
- 2 SOC 350 may only satisfy this requirement if the topic is related to health, medicine, and well-being. Other electives may be substituted with approval from the undergraduate advisor.
- 3 SOC 450 may only satisfy this requirement if the topic is related to health, medicine, and well-being. Other electives may be substituted with approval from the undergraduate advisor.
- 4 PHIL 323 is an example of an appropriate ethics course. Other possible courses that may be used to satisfy this requirement should be discussed with the undergraduate advisor.

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

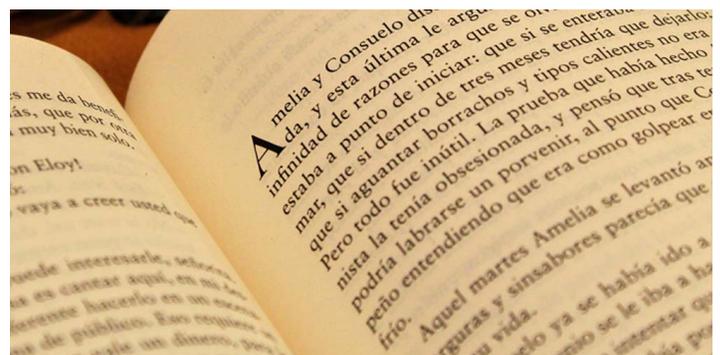
1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

**Spanish (BA)**



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Arts in Spanish**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Department: Classical and Modern Languages (<http://www.louisville.edu/modernlanguages/>)  
 Academic Plan Code(s): SPANBA

**Program Information**

The Spanish program offers two options for students wishing to complete the Spanish major.

The Spanish as a Second Language (SL) serves students whose primary experience with Spanish has been in the classroom. Students may place into SPAN 201 or higher through the online placement (<http://louisville.edu/modernlanguages/placement-exam/spanish-french-russian-and-german-placement-exam.html>) exam. (<http://louisville.edu/modernlanguages/placement-exam/spanish-french-russian-and-german-placement-exam.html>)

The Spanish as a Heritage Language (HL) offers courses for individuals who grew up in Spanish-speaking environments and are able to communicate, to some extent, in more than one language. Some students are immigrants who have recently arrived in the United States and have had extensive schooling in their native countries. Others are first-, second-, or third-generation bilinguals whose abilities in the heritage language vary widely. Placement into Heritage Learner courses is done through departmental evaluation (<http://louisville.edu/modernlanguages/placement-exam/spanish-heritage-learners/>).

Both the Second Language and Heritage Language options offer 300-level courses that are designed to meet the language needs of both groups and to prepare them for the 400- and 500-level courses that are required for both tracks.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

**Degree Summary**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31
	College/School Requirements	22
	Program/Major Requirements	33-36
	Supporting Courses	32-35
<b>Minimum Total Hours</b>		<b>121</b>

Specific coursework information can be found on the Degree Requirements tab.

**Accelerated BA/MA (Master of Arts) in Spanish**

Spanish majors who are considering pursuing a master's degree (MA) in Spanish can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply for admission to the program in the first semester of the senior year (i.e., after completing 90 hours). Applicants must have an overall GPA of 3.35.

**Departmental Admission Requirements**

Admission to the BA in Spanish requires completion of SPAN 201 or higher with a minimum grade of C; a minimum cumulative grade point average of 2.0; and a minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

**Accelerated BA/MA (Master of Arts) in Spanish**

At the time of application, students must have:

- A 3.35 undergraduate GPA
- Completed required 300-level SPAN courses (e.g., SPAN 321) with grades of B or better.

It is also recommended that students have completed one course at the 400 level before applying.

Students should contact the Spanish graduate advisor for more information.

**General Education Requirements**

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

**College/School Requirements**

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
	Foreign Language <sup>1</sup>	12
	Electives in Natural Sciences or Social Sciences <sup>2</sup>	9
	WR—two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

**Program/Major Requirements**

Code	Title	Hours
<b>Spanish Core Courses</b>		
SPAN 201	Intermediate Spanish I	6
& SPAN 202	Intermediate Spanish II	
or SPAN 205	Intensive Intermediate Spanish for Heritage Learners	
Select one of the following sequences:		6-12
Sequence One:		
SPAN 305	Spanish Grammar in Context	

SPAN 310	Readings and Writing in Spanish I	
SPAN 311	Cultural Readings and Writing in Spanish II	
SPAN 321	Communication and Conversation in Spanish	
Sequence Two:		
SPAN 325	Bridging Linguistic Registers for Heritage Learners of Spanish	
SPAN 335	Advanced Spanish for Heritage Learners	
Select two of the following courses:		6
SPAN 401	Foundations of Spanish Civilization	
SPAN 402	Cultural and Literary Perspectives on Modern Spain	
SPAN 403	Foundations of Latin American Nations and Identities	
SPAN 404	Cultural and Literary Perspectives on Modern Latin America	
SPAN 490	Spanish Capstone Seminar - CUE, WR	3
SPAN 524	Introduction to Hispanic Linguistics	3
Spanish electives at the 300 level or above		6-9

**Minimum Total Hours 33-36**

**Code Title Hours**  
**Supporting Courses**

Electives in Humanities Division disciplines, other than Spanish, at 300 level or above <sup>4</sup>	9
Minimum Electives	23-26

**Minimum Total Hours 32-35**

**Code Title Hours**  
**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:	
SPAN 490	Spanish Capstone Seminar - CUE, WR

- <sup>1</sup> Completion of the intermediate level of a single foreign language
- <sup>2</sup> In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Majors in one foreign language may count courses at the 300 level or above in another foreign language toward this requirement.

No more than 40 hours in Spanish may be applied toward the Bachelor of Arts degree. SPAN 121, SPAN 122, and SPAN 123 and SPAN 141 and SPAN 142 do not count toward the 40 hour maximum in Spanish.

At least 50 of the total minimum hours required must be at the 300 level or above.

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
SPAN 201	Intermediate Spanish I	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
<b>Hours</b>		<b>14</b>

<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
SPAN 202	Intermediate Spanish II	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Social & Behavioral Sciences US Diversity - SBD1		3
General Education: Cardinal Core Oral Communication - OC		3
<b>Hours</b>		<b>15</b>

<b>Year 2</b>		
<b>Fall</b>		
SPAN 305	Spanish Grammar in Context	3
SPAN 310	Readings and Writing in Spanish I	3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
SPAN 311	Cultural Readings and Writing in Spanish II	3
SPAN 321	Communication and Conversation in Spanish	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Humanities elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 3</b>		
<b>Fall</b>		
Select one of the following:		3
SPAN 401	Foundations of Spanish Civilization	
SPAN 402	Cultural and Literary Perspectives on Modern Spain	
SPAN 403	Foundations of Latin American Nations and Identities	
SPAN 404	Cultural and Literary Perspectives on Modern Latin America	
SPAN 405	Introduction to Literary Analysis	3
Social Science or Natural Science Elective		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Spring</b>		
Spanish Elective (300 level or above)		3
Humanities Elective (300 level or above)		3
Select one of the following:		3
SPAN 401	Foundations of Spanish Civilization	
SPAN 402	Cultural and Literary Perspectives on Modern Spain	
SPAN 403	Foundations of Latin American Nations and Identities	
SPAN 404	Cultural and Literary Perspectives on Modern Latin America	
Social Science or Natural Science elective (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>15</b>

<b>Year 4</b>		
<b>Fall</b>		
SPAN 524	Introduction to Hispanic Linguistics	3
Social Science or Natural Science Elective (300 level or above)		3
Humanities elective (300 level or above)		3
General Elective		3
General Elective		3
General Elective		2
<b>Hours</b>		<b>17</b>

<b>Spring</b>		
SPAN 490	Spanish Capstone Seminar - CUE, WR	3
Spanish Elective (300 level or above)		3
General Elective (300 level or above)		3

General Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Minimum Total Hours</b>	<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Sport Administration (BS)

This program was approved for students entering the university in the Summer 2021 –Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Sport Administration (SPADBS)

Unit: College of Education and Human Development (<http://www.louisville.edu/edu/>)

Department: Health & Sports Sciences (<http://louisville.edu/education/departments/hss/>) (HSS)

Academic Plan Code(s): SPADBS, SPADBS\_0

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<http://louisville.edu/online/programs/bachelors/bachelor-of-science-in-sport-administration/>).*

Sport Administration (SPAD) is the business side of sport.

Sport managers deal with all of the business aspects surrounding sport organizations and sporting events such as leadership, organizational behavior, marketing, finance, law, facility management, fundraising, event management, multimedia, sponsorships, and promotion.

The University of Louisville offers a Bachelor of Science in Sport Administration. The undergraduate program is designed to prepare students to enter careers in the sport industry. The SPAD program has a diverse student population representing a variety of geographical, cultural, educational, and professional backgrounds. Our students gain valuable experience working, interning, and volunteering on many significant service-learning projects for local and community agencies. We utilize many guest lecturers from sport business organizations each

semester to speak with our students about how to excel as a business professional in the sport industry.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements <sup>1</sup>		6
Program/Major Requirements		48
Supporting Courses		38
<b>Minimum Total Hours</b>		<b>123</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Students must complete 45 credit hours or more and earn a cumulative GPA of 2.50 or higher to apply for the SPAD major, including completion of SPAD 281 and SPAD 284 with a grade of C or better (C-minus will NOT count).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
The following course can be taken to fulfill the respective General Education Requirement and a major requirement:		
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
HSS 181	First-Year Experience	1
Select two (2) Physical Activity Courses (see list below)		2
Select one of the following:		3
HSS 184	Healthy Lifestyles I	
HSS 310	Healthy Lifestyles II	
HSS 293	Social and Psychological Dimensions of Physical Activity - SB	
<b>Minimum Total Hours</b>		<b>6</b>

## Program/Major Requirements

Code	Title	Hours
<b>Admission Courses in Sport Administration</b>		
SPAD 281	Principles of Sport Administration	3

SPAD 284	Issues and Ethics in Sport	3
<b>Core Courses in Sport Administration</b>		
SPAD 382	Sport Management and Leadership	3
SPAD 383	Sport Marketing	3
SPAD 390	Sport Governance	3
SPAD 391	Sociology of Sport	3
SPAD 401	Career Development in Sport Administration	3
SPAD 402 & 402	Internship in Sport Administration - CUE Internship in Sport Administration - CUE (take course twice)	6
SPAD 404	Financial Principles in Sport	3
SPAD 445	Sport Communication	3
SPAD 489	Legal Aspects of Sport	3
SPAD 490	Senior Seminar in Sport Business	3

<b>SPAD Electives</b>		
Select three of the following courses:		9
SPAD 353	Sport and Film	
SPAD 360	Administration of Intramural Activities	
SPAD 405	Sport Facility Management	
SPAD 437	Data and Analytics in Sport	
SPAD 480	Athletics in Higher Education	
SPAD 509	International Sport	
SPAD 510	Entrepreneurship in Sport Business	
SPAD 524	Management of Professional Baseball	
SPAD 525	Sport Event Planning and Management	
SPAD 529	Women and Sport	
SPAD 530	Sport Promotion and Sales	
SPAD 536	Sport Administration in Nonprofit Organizations	
SPAD 561	Special Topics in Sport Administration	
SPAD 571	Sport for Development and Peace	

**Minimum Total Hours 48**

Code	Title	Hours
<b>Supporting Courses</b>		
Electives <sup>1</sup>		38

A minimum of 123 credit hours with an overall GPA of 2.25 is required including a minimum of 50 credit hours at the 300 level.

No grades of D will be accepted in any SPAD or HSS courses used to meet requirements for the major.

<sup>1</sup>SPAD majors are strongly encouraged to complete a minor. Suggested minors include: Business Administration, Communication, Economics, Entrepreneurship, Equine Business, Exercise Science, Finance and Management.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
SPAD 402	Internship in Sport Administration - CUE	

<sup>1</sup> Consult advisor. Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

Code	Title	Hours
<b>Physical Activity Courses</b>		
HSS 101	Beginning Swimming	1
HSS 102	Advanced Swimming	1
HSS 103	Life Saving	1
HSS 104	Scuba	1
HSS 108	Water Fitness	1
HSS 109	Weight Training	1
HSS 110	Physical Fitness and Conditioning	1
HSS 111	Aerobic Fitness	1
HSS 112	Mini-Marathon Training	1
HSS 114	Fitness Walking	1
HSS 115	Step Aerobics	1
HSS 116	Introduction to Yoga	1
HSS 117	Intermediate Yoga	1
HSS 118	Beginning Martial Arts	1
HSS 119	Intermediate Martial Arts	1
HSS 120	Beginning Racquetball	1
HSS 121	Billiards and Table Games	1
HSS 122	Badminton	1
HSS 123	Tennis	1
HSS 124	Advanced Tennis	1
HSS 125	Golf	1
HSS 126	Tumbling and Apparatus	1
HSS 127	Beginning Fencing	1
HSS 128	Pickleball	1
HSS 132	Canoeing	1
HSS 133	Backpacking and Hiking	1
HSS 134	Rappelling	1
HSS 136	Soccer	1
HSS 137	Volleyball	1
HSS 138	Basketball	1
HSS 140	Softball	1
HSS 144	Physical Activity for the Older Adult	1
HSS 145	Activity for the Physically Challenged	1
HSS 150	Special Topics: Physical Education Activities	1
HSS 160	Beginning Aerobic Dance	1
HSS 161	Intermediate Aerobic Dance	1
HSS 162	Beginning Modern Dance	1
HSS 163	Intermediate Modern Dance	1
HSS 164	Beginning Country Western Dance	1
HSS 165	Ballroom Dance	1
HSS 166	African Dance	1
HSS 167	Country Line Dance	1

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
ENGL 101	Introduction to College Writing - WC	3
HSS 181	First-Year Experience	1
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1

General Education: Cardinal Core Quantitative Reasoning - QR	3
General Education: Cardinal Core Social & Behavioral Sciences - SB	3
HSS Activity course (HSS 101-167)	1
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
ENGL 102 Intermediate College Writing - WC	3
General Education: Cardinal Core Arts & Humanities US Diversity - AHD1	3
General Education: Cardinal Core Natural Sciences - S	3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH	3
HSS Activity Course (HSS 101-167)	1
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Year 2</b>	
<b>Fall</b>	
SPAD 281 Principles of Sport Administration	3
SPAD 284 Issues and Ethics in Sport	3
Select one of the following:	3
HSS 184 Healthy Lifestyles I	
HSS 310 Healthy Lifestyles II	
HSS 293 Social and Psychological Dimensions of Physical Activity - SB	
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
General Elective	1
General Elective	3
<b>Hours</b>	<b>16</b>
<b>Spring</b>	
SPAD 382 Sport Management and Leadership	3
SPAD 383 Sport Marketing	3
SPAD 391 Sociology of Sport	3
General Education: Cardinal Core Oral Communication - OC	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Year 3</b>	
<b>Fall</b>	
SPAD 390 Sport Governance	3
SPAD 445 Sport Communication	3
General Elective	3
General Elective	3
General Elective	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
SPAD 489 Legal Aspects of Sport	3
Sport Administration Elective	3
General Elective	3
General Elective	3
General Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Year 4</b>	
<b>Fall</b>	
SPAD 401 Career Development in Sport Administration	3
SPAD 404 Financial Principles in Sport	3
SPAD 490 Senior Seminar in Sport Business	3
Sport Administration Elective	3
General Elective (300 level or above)	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
SPAD 402 Internship in Sport Administration - CUE	3
SPAD 402 Internship in Sport Administration - CUE	3
Sport Administration Elective	3
General Elective (300 level or above)	3
General Elective	3

General Elective	1
<b>Hours</b>	<b>16</b>
<b>Minimum Total Hours</b>	<b>123</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Sustainability (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Sustainability

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)  
 Program Website: Sustainability (<https://louisville.edu/upa/programs/bachelors-of-sustainability/>)  
 Academic Plan Code(s): See Track Requirements tab.

## Program Information

The BA in Sustainability is an interdisciplinary approach to understanding issues, problems and solutions in sustainability, with a goal of preparing students to engage with these issues on multiple levels in the workplace and in their community.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		22
Program/Major Requirements <sup>1</sup>		30
Supporting Courses		32
Track Requirements		6
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

Admission to the BA in Sustainability requires a minimum cumulative grade point average of 2.0.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>		31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

SUST 101	Introduction to Sustainability - SB
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<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language <sup>1</sup>		12
Electives in Humanities or Natural Sciences <sup>2</sup>		9
WR - two approved courses at the 300 level or above		
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Urban and Public Affairs</b>		
<i>Sustainability Core:</i>		
SUST 101	Introduction to Sustainability - SB	3
SUST 201	Environmental Management	3
SUST 202	Behavioral Dimensions of Environmental Decision-Making	3
SUST 301	Sustainable Built Environment - SB, D1	3
SUST 401	Independent Study Sustainability - CUE	3
SUST 402	Policy and Governance in Sustainability - WR	3
SUST 403	Sustainable Societal Systems	3
SUST 404	Sustainability Internship - CUE	3
SUST 518	Urban Demography and GIS	3
or PLAN 618	Urban Demography and GIS	
SOC 301	Introduction to Social Statistics	3
or SOC 303	Introduction to Research Methods - WR	
<b>Minimum Total Hours</b>		<b>30</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Natural and Social Science electives <sup>4</sup>		18
Electives <sup>5</sup>		14
<b>Minimum Total Hours</b>		<b>32</b>

Code	Title	Hours
<b>Track Requirements (See Track Requirements tab)</b>		<b>6</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing one of the following:		
SUST 401	Independent Study Sustainability - CUE	
SUST 404	Sustainability Internship - CUE	

- Completion of the intermediate level of a single foreign language
- In addition to courses counted toward General Education; 6 hours must be at 300 level or above
- May be incorporated into other degree requirements
- Outside of courses used to meet major requirements with 15 hours at the 300 level or above (in addition to courses counted toward General Education)
- Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Track Requirements

### Policy and Governance in Sustainability

Academic Plan Code(s): SUSTBA\_PGS

Code	Title	Hours
<b>Track Requirements</b>		
Select one of the following courses:		3
POLS 335	Global Environmental Politics	
POLS 426	Environmental Policy	
PLAN 620	Environmental Policy	
PLAN 673	Behavioral Dimensions of Urban Sustainability	
PGS Elective, select one of the following courses:		3
HIST 508	American Environmental History - WR, CUE	
UPA 640	Economic Development	
PLAN 623	Environmental Policy and Natural Hazards	
PLAN 605	Land Use & Planning Law	
<b>Minimum Total Hours</b>		<b>6</b>

### Sustainable Societal and Urban Systems

Academic Plan Code(s): SUSTBA\_SUS

Code	Title	Hours
<b>Track Requirements</b>		
SUST 576	Sustainable Social-Ecological Systems	3
SUST Elective, select one of the following courses:		3
ANTH 352	Food and Body Politic	
ARTH 593	Studies in Modern Architecture	
BIOL 401	Advanced Ecology	
BIOL 501	Independent Study	
CEE 460	Transportation Systems Engineering	
CEE 471	Water Supply and Sewerage	
ECON 360	Environmental Economics	
GEOG 561/ PLAN 501	Urban Environmental Quality	
GEOS 590	Selected Topics in Geosciences	
ME 570	Sustainable Energy Systems	
PHIL 328	Environmental Ethics	
POLS 363	Politics of Oil	
<b>Minimum Total Hours</b>		<b>6</b>

### Sustainable Societies

Academic Plan Code(s): SUSTBA\_SS

Code	Title	Hours
<b>Track Requirements</b>		
PLAN 670 or PLAN 674	Sustainable Development and Planning Sustainable Urbanism	3
SS Elective, select one of the following courses:		3
ANTH 332	Ecology, Politics and Culture	
ANTH 352	Food and Body Politic	
ARTH 593	Studies in Modern Architecture	
BIOL 501	Independent Study	
BIOL 563	Population and Community Ecology	
CJ 523	Race and Gender Issues in Criminal Justice - WR	
ECON 312	Urban Economics	
ECON 360	Environmental Economics	

HIST 313	Comparative Environmental History	
HIST 508	American Environmental History - WR, CUE	
GEOG 300	Globalization and Diversity - D2, SB	
GEOG 361	Sustainable Human Environments - WR	
GEOG 500	Globalization Seminar	
GEOG 561/ PLAN 501	Urban Environmental Quality	
PHIL 328	Environmental Ethics	
POLS 363	Politics of Oil	
POLS 426	Environmental Policy	
SOC 305	Urban Sociology	
SOC 307	Rural Sociology	
SOC 453	Social Change	
PLAN 501	Urban Environmental Quality	
PLAN 605	Land Use & Planning Law	
PLAN 620	Environmental Policy	
PLAN 623	Environmental Policy and Natural Hazards	
<b>Minimum Total Hours</b>		<b>6</b>

### Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
SUST 101	Introduction to Sustainability - SB	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
SUST 201 or SUST 202	Environmental Management or Behavioral Dimensions of Environmental Decision-Making	3
General Education: Cardinal Core Natural Sciences with Lab - B		4
General Education: Cardinal Core Oral Communication - OC		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective US Diversity - SBHD1		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
SUST 202 or SUST 201	Behavioral Dimensions of Environmental Decision-Making or Environmental Management	3
SOC 301 or SOC 303	Introduction to Social Statistics or Introduction to Research Methods - WR	3
Arts and Humanities-AH		3
Foreign Language 1		3-4
Natural Science or Social Science Elective		3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
SUST 301	Sustainable Built Environment - SB, D1	3
Foreign Language 2		3-4
Natural Science or Social Science elective (300 level or above)		3
Humanities or Natural Science elective		3
Natural Science or Social Science elective (300 level or above)		3
<b>Hours</b>		<b>15-16</b>

**Year 3**

Fall		
SUST 402	Policy and Governance in Sustainability - WR	3
Foreign Language 3		3-4
Humanities or Natural Science WR elective (300 level or above)		3
Natural Science or Social Science elective (300 level or above)		3
Natural Science or Social Science elective (300 level or above)		3

**Hours** 15-16

**Spring**

SUST 401	Independent Study Sustainability - CUE	3
SUST 403	Sustainable Societal Systems	3
Natural Science or Social Science WR elective (300 level or above)		3
Foreign Language 4 (if needed) or general elective		3
General elective		3

**Hours** 15

**Year 4**

Fall		
SUST 404	Sustainability Internship - CUE	3
Sustainability Track elective 1		3
Humanities or Natural Science elective (300 level or above)		3
General elective		3
General elective		3

**Hours** 15

**Spring**

SUST 518	Urban Demography and GIS	3
Sustainability Track elective 2		3
General elective		3
General elective		3
General elective		2

**Hours** 14

**Minimum Total Hours** 121-124

## Theatre Arts (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Theatre Arts

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Department: Theatre Arts (<http://www.louisville.edu/a-s/ta/>)  
 Program Website (<http://louisville.edu/theatrearts/undergraduates/>)  
 Academic Plan Code(s): TA\_ \_BS

## Program Information

As part of the College of Arts and Sciences, the Theatre Arts is committed to a liberal arts education for our undergraduate students and professional training for graduate students. The ancient art of theatre

is most fully understood and exists at its deepest form of expression through the creation of performances shared with an audience. Doing so demands a deep array of knowledge and skill combined with a professional attitude and work ethic that can serve students throughout their lives in whatever profession they pursue.

All Theatre Arts Undergraduate Majors are required to fulfill course requirements for the College of Arts and Sciences, General Education and Programmatic/Supporting Courses.

Theatre Arts Requirements are split into four core areas: Academics, Performance, Design and Technology, and Performance/Production. In addition, Theatre Arts undergraduate majors utilize 18 hours of department electives to specialize in one of five areas including African American Theatre, Performance, Design and Technology, Dramaturgy and Playwriting, and General Studies. All majors participate in the Culminating Undergraduate Experience in their final year.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	13-15
	Program/Major Requirements <sup>1</sup>	42
	Supporting Courses	33
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Departmental Admission Requirements

There are no specific admission requirements for this degree plan.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

TA 224	Introduction to Acting as Communication - OC
TA 326	Cultural Diversity in Performance - D1, AH

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting

coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Foreign Language <sup>1</sup>		6-8
Electives in Natural Sciences or Social Sciences at the 300-level or above <sup>2</sup>		6
WR—two approved courses at the 300 level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
<b>Department of Theatre Arts</b>		
<i>Academic Core</i>		
TA 326	Cultural Diversity in Performance - D1, AH <sup>4</sup>	3
TA 360	Theatre History & Script Analysis I: Classical-Medieval - WR	3
TA 361	Theatre History & Script Analysis II: Renaissance-Romantic - WR	3
TA 362	Theatre History & Script Analysis III: Modern & Contemporary - WR	3
TA 366	History of the African-American Theatre - WR, AH, D1 <sup>4</sup>	3
<i>Performance Core</i>		
TA 224	Introduction to Acting as Communication - OC	3
TA 327	Acting Fundamentals: The Craft of Imagination	3
<i>Design and Technology Core</i>		
TA 240	Stagecraft	3
TA 243	Design Aesthetics - AH	3
TA 245	Costume Construction	3
<i>Performance/Production Projects</i>		
TA 350	Theatre Production Practicum <sup>5</sup>	5
TA 433	Fundamentals of Stage & Production Management	3
TA 460	Black Diasporic Conversations Seminar <sup>4</sup>	1
TA 550	Culminating Undergraduate Experience Practicum - CUE	3
<b>Minimum Total Hours</b>		<b>42</b>

Code	Title	Hours
<b>Supporting Courses</b>		
TA Electives		18
Electives in the Division of Humanities, other than Theatre Arts (300-level or above)		15
General Electives <sup>6</sup>		0
<b>Minimum Total Hours</b>		<b>33</b>

Only 60 hours in the major department may be applied toward the Bachelor of Science degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
TA 550	Culminating Undergraduate Experience Practicum - CUE	

- <sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- <sup>2</sup> In addition to courses counted toward general education
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Part of the African American Theatre program.
- <sup>5</sup> All theatre majors are required to work on five productions as part of their studies; this requirement is enforced using the TA 350 course number and requirement. Students are expected to experience a variety of theatre skills in addressing this requirement. No more than two credit hours in any single aspect of theatre production (e.g., management, scenery, costumes, lighting, etc.) may be applied toward this requirement. Students may enroll for two sections in one semester, but this is not encouraged. Refer to the TA 350 policy for details on how this course is organized and how it functions during the semester.
- <sup>6</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
ENGL 101	Introduction to College Writing - WC	3
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
TA 224	Introduction to Acting as Communication - OC	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
Foreign Language 1		4
Gen Education: Arts and Humanities - AH		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
ENGL 102	Intermediate College Writing - WC	3
TA 240	Stagecraft	3
General Education: Cardinal Core Social and Behavioral Sciences-SB		3
Foreign Language 2		4
General Education: Cardinal Core Natural Sciences - S		3
<b>Hours</b>		<b>16</b>
<b>Year 2</b>		
<b>Fall</b>		
TA 327	Acting Fundamentals: The Craft of Imagination	3
TA 243	Design Aesthetics - AH	3
TA 326	Cultural Diversity in Performance - D1, AH	3
TA 350	Theatre Production Practicum	1
TA 360	Theatre History & Script Analysis I: Classical-Medieval - WR	3
General Education: Cardinal Core Natural Science with Lab-B or S/SL		4
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
TA 245	Costume Construction	3
TA 361	Theatre History & Script Analysis II: Renaissance-Romantic - WR	3

TA 350	Theatre Production Practicum	1
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH, D2		3
Humanities elective (non-Theatre Arts) (300 level or above)		3
General Elective		3
<b>Hours</b>		<b>16</b>

**Year 3**

**Fall**

TA 362	Theatre History & Script Analysis III: Modern & Contemporary - WR	3
TA 433	Fundamentals of Stage & Production Management	3
TA 350	Theatre Production Practicum	1
Humanities elective (non-Theatre Arts) (300 level or above)		3
Theatre Arts Elective		3
Theatre Arts Elective		3
<b>Hours</b>		<b>16</b>

**Spring**

TA 366	History of the African-American Theatre - WR, AH, D1	3
TA 460	Black Diasporic Conversations Seminar	1
TA 350	Theatre Production Practicum	1
Theatre Arts elective		3
Social Science or Natural Science elective (300 level or above)		3
Humanities elective (non-Theatre Arts) (300 level or above)		3
<b>Hours</b>		<b>14</b>

**Year 4**

**Fall**

TA 350	Theatre Production Practicum	1
Theatre Arts elective		3
Social Science or Natural Science elective (300 level or above)		3
Humanities elective (non-Theatre Arts) (300 level or above)		3
General elective		3
General elective (if necessary)		0-3
<b>Hours</b>		<b>13-16</b>

**Spring**

TA 550	Culminating Undergraduate Experience Practicum - CUE	3
Theatre Arts elective		3
Theatre Arts elective		3
Humanities elective (non-Theatre Arts) (300 level or above)		3
<b>Hours</b>		<b>12</b>
<b>Minimum Total Hours</b>		<b>121-124</b>

**Degree Audit Report**

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the

ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Urban Studies (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Bachelor of Science in Urban Studies**

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)  
Department: Urban and Public Affairs  
Academic Plan Code(s): US\_ \_BS

## Program Information

Urban Studies explores the social, economic, political, and spatial structures of cities through multiple disciplinary lenses, focusing on issues, problems, and solutions for urban areas through planning, policy, and administration. The BS in Urban Studies is housed within the Department of Urban and Public Affairs in partnership with the Department of Geography and Geosciences and the Department of Sociology.

The undergraduate degree program in Urban Studies is designed to educate, train, and prepare students for future careers in municipal and metropolitan-related occupations, such as public administrators, policy analysts, community development specialists, or planning technicians.

The program will also give students a strong foundation for future graduate training in affiliated disciplines, including urban planning, public administration, geography, or sociology.

The Department offers Bachelor of Science degrees in four different tracks:

- **Urban Administration:** designed for students with interests in management, human resources, budgeting, and governance.
- **Urban Geography:** designed for students with interests in place dynamics, human-spatial interactions, and GIS.
- **Urban Planning:** designed for students with interests in land development and related topics, such as housing, design, and real estate.
- **Urban Sociology:** designed for students with interests in human and group interactions within an urban or metropolitan context.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		13
Program/Major Requirements		29

Supporting Courses	33
Track Requirements	15
<b>Minimum Total Hours</b>	<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

## Admission Requirements

Students will be selected through the standard University of Louisville College of Arts and Sciences admissions process.

The application for major form can be found on the Arts and Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
Arts & Sciences Requirements		
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language <sup>2</sup>		6-8
Electives in Humanities or Natural Sciences at 300 level or above <sup>3</sup>		6
WR-two approved courses at the 300 level or above <sup>4</sup>		
<b>Minimum Total Hours</b>		<b>13-15</b>

## Program/Major Requirements

Code	Title	Hours
Department of Urban & Public Affairs - Required Core Courses		
URBS 201	The Making of Urban Places - D1, SB	3
URBS 202	Discover Louisville	3
URBS 301	Principles of Urban Planning	3
URBS 302	Foundations of Urban Administration	3
SOC 305	Urban Sociology	3
GEOG 328	Urban Geography	3
URBS 504	Urban Data Analysis	3
URBS 518	Urban Demography and GIS	3
URBS 404	Community Engagement - CUE	5
<b>Minimum Total Hours</b>		<b>29</b>

Code	Title	Hours
<b>Supporting Courses</b>		
Electives in Social Sciences at the 300 level or above <sup>5</sup>		21

Additional Electives	12
<b>Minimum Total Hours</b>	<b>33</b>

Code	Title	Hours
<b>Track Requirements (see Track Requirements tab)</b>		
		<b>15</b>

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		

Requirement fulfilled by completing:		
URBS 404	Community Engagement - CUE	

- <sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree.
- <sup>2</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Fulfills WR requirement.
- <sup>5</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Track Requirements

### Track in Urban Administration

Academic Plan Code(s): US\_BS\_ADM

Code	Title	Hours
Select five courses from the following:		
		15
GEOG 300	Globalization and Diversity - D2, SB	
PADM 645	Economic Development	
PEAC 325	Peace, Justice & Conflict Transformation	
PEAC 350	Mediation & Conflict Transformation	
POLS 306	State Government	
POLS 326	Public Policy - SB	
SOC 320	Social Theory - WR	
SOC 323	Diversity and Inequality	
SUST 201	Environmental Management	
SUST 202	Behavioral Dimensions of Environmental Decision-Making	
SUST 402	Policy and Governance in Sustainability - WR	

### Track in Urban Geography

Academic Plan Code(s): US\_BS\_GEO

Code	Title	Hours
Select five courses from the following:		
		15
GEOG 200	Human Geography in a Changing World - SB, D2	
GEOG 300	Globalization and Diversity - D2, SB	
GEOG 324	Race and Place	
GEOG 327	Economic Geography	
GEOG 331	Population Geography	
GEOG 340	Environmental Conflict in the United States: Historical Foundations & Contemporary Problems - D1, SBH	

GEOG 356	Introduction to Spatial Statistics
GEOG 360	Qualitative Methods for Undergraduates

### Track in Urban Planning

Academic Plan Code(s): US\_BS\_PLA

Code	Title	Hours
Select five courses from the following:		15
GEOG 324	Race and Place	
GEOG 327	Economic Geography	
GEOG 331	Population Geography	
GEOG 356	Introduction to Spatial Statistics	
GEOG 360	Qualitative Methods for Undergraduates	
PEAC 350	Mediation & Conflict Transformation	
PLAN 603	Urban Economics	
SOC 323	Diversity and Inequality	
SOC 315	Environmental Sociology	
SUST 301	Sustainable Built Environment - SB, D1	
SUST 403	Sustainable Societal Systems	

### Track in Urban Sociology

Academic Plan Code(s): US\_BS\_SOC

Code	Title	Hours
Select five courses from the following:		15
SOC 201	Introduction to Sociology - SB	
SOC 315	Environmental Sociology	
SOC 320	Social Theory - WR	
SOC 323	Diversity and Inequality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 334	Sociology of Deviant Behavior	
SOC 342	Medical Sociology	
SOC 392	Faces of Global Poverty - WR	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 472	Sociology of Education - WR, CUE	

### Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
Foreign Language		3-4
General Education: Cardinal Core Natural Sciences - B		3
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Foreign Language		3-4
ENGL 102	Intermediate College Writing - WC	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities - AH		3
General Elective		3
<b>Hours</b>		<b>16</b>

<b>Year 2</b>		
<b>Fall</b>		
URBS 201	The Making of Urban Places - D1, SB	3
General Education: Cardinal Core Social & Behavioral Sciences - SB		3
General Education: Cardinal Core Oral Communication - OC		3
Social Sciences Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
URBS 202	Discover Louisville	3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Historical Perspectives - SBH		3
Social Sciences Elective		3
Natural Science/Humanities Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
URBS 301	Principles of Urban Planning	3
GEOG 328	Urban Geography	3
URBS 504	Urban Data Analysis	3
Social Sciences Elective		3
Natural Science/Humanities Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
URBS 302	Foundations of Urban Administration	3
URBS 518	Urban Demography and GIS	3
SOC 305	Urban Sociology	3
Social Sciences Elective		3
Natural Science/Humanities Elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
URBS: Concentration		3
URBS: Concentration		3
Social Sciences Elective		3
URBS 404	Community Engagement - CUE	5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
URBS: Concentration		3
URBS: Concentration		3
URBS: Concentration		3
Social Sciences Elective		3
Social Sciences Elective		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121</b>

## Women's, Gender and Sexuality Studies (BA)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Arts in Women's, Gender and Sexuality Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Women's, Gender and Sexuality Studies (<http://www.louisville.edu/a-s/ws/>)

Academic Plan Code(s): WGSTBA, WGSTBA\_O

## Program Information

*This program can be completed in a traditional classroom format or entirely online (<https://louisville.edu/online/programs/bachelors/bachelor-of-arts-in-womens-and-gender-studies/>).*

Women's, Gender and Sexuality Studies is an interdisciplinary major that draws its questions and approaches from the humanities, social sciences, natural sciences, and arts. It helps students to develop theoretical, empirical, and methodological perspectives for studying gender as a crucial category for understanding the world. We offer extremely flexible scheduling for our majors: we have three core courses, offered regularly; students are allowed a fair amount of control in selecting the classes that will be most helpful to them in their chosen career path to complete the remainder of their requirements. Our students are required to engage in service learning opportunities outside the university, giving them useful career experience. Students in our program also find it easy to double major, if they so desire.

WGST majors learn to:

1. Apply gender analytics at the micro and macro level for research and practices of social change;
2. Examine complex social problems using gender-informed analysis, research and design;
3. Select appropriate methodologies from the humanities and social sciences for analyzing data and texts;
4. Provide appropriate theoretical interpretation based on discipline-related concepts;
5. Draw conclusions based on the analyses of texts and qualitative and quantitative information;
6. Demonstrate effective written and oral communications tailored to specific audiences and contexts to increase the understanding and utilization of research findings;

7. Identify how social, cultural and scientific knowledges are produced by institutions such as academic disciplines, media, arts, and politics;
8. Understand how gender intersects with other structures of power such as race, class, sexuality, disability and other structures of power in the U.S. and globally;
9. Draw from multiple fields of study to evaluate and generate information and experiences related to gender, race, class, sexuality, disability, etc.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		13
Program/Major Requirements <sup>1</sup>		36
Supporting Courses		41
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some courses required in this degree program can satisfy multiple requirements. Using other courses to satisfy General Education requirements will require additional hours to complete the degree requirements or reduce the number of available electives. See the Degree Requirements and Track tabs for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA-BS/MA in Women's, Gender and Sexuality Studies

Women's, Gender and Sexuality Studies majors who are considering pursuing a master's degree in Women's, Gender and Sexuality Studies can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Students must complete an application for admission to the Women's, Gender and Sexuality Studies Department's Master of Arts program (including transcripts, two letters of recommendation, a statement of purpose, and a writing sample). Applicants must have a minimum overall grade point average and major grade point average of 3.35 and must meet all other requirements for admission to the Women's, Gender and Sexuality Studies Department's Master of Arts program.

Students must retain a 3.35 GPA in Women's, Gender and Sexuality Studies during their senior year to remain in the program.

## Departmental Admission Requirements

Admission to the BA in Women's, Gender and Sexuality Studies requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts and Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA-BS/MA in Women's, Gender and Sexuality Studies

Interested students should apply for entry into the accelerated program no later than the end of their Junior year.

To be considered for admission to the Accelerated Master of Arts in Women's, Gender and Sexuality Studies program, students must:

- Complete an application for admission to the Women's, Gender and Sexuality Studies Department's Master of Arts program (including transcripts, two letters of recommendation, a statement of purpose, and a writing sample) no later than the end of their junior year.
- Have a minimum overall grade point average (GPA) of 3.35, a Women's, Gender and Sexuality Studies GPA of 3.35, and meet all other requirements for admission to the Women's, Gender and Sexuality Studies Department's Master of Arts program.

## General Education Requirements

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )		31
The following courses are required by the program and satisfy the respective General Education Requirement(s):		
WGST 201	Women In American Culture - D1, AH	
Additional coursework may satisfy program and General Education requirements (e.g., WGST 203 or WGST 207).		

All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
Electives in Humanities, Social Sciences, or Natural Sciences at the 300 level or above <sup>3</sup>		
Foreign Language <sup>2</sup>		12
WR - two approved courses at the 300 level or above <sup>3</sup>		
<b>Minimum Total Hours</b>		<b>13</b>

## Program/Major Requirements

Code	Title	Hours
<b>Women's, Gender and Sexuality Studies Core Courses</b>		
WGST 201	Women In American Culture - D1, AH	3
WGST 401	Community Internship	3
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
<b>Women's, Gender and Sexuality Studies Humanities Electives</b>		

Select up to 3 courses, of which one must be at the 400+ level:		6-9
WGST 202	Seeing Gender: Introduction to Gender in Visual Studies - AH, D1	
WGST 203	Gender Issues in Public Dialogue - OC, D1	
WGST 207	Introduction to Philosophy through Cultural Diversity - AH, D2	
WGST 303	Humanities and Gender - D2, AH	
WGST 320	Women in Music: A History - AH, D1	
WGST 325	Women and Global Literature - AH, D2	
WGST 326	Gender and Children's Literature - D1, AH	
WGST 340	Women and Religion - AH, D2	
WGST 342	Black Women Novelists - D2, AH, WR	
WGST 346	Women in Africa: Historical and Literary Perspectives	
WGST 360	Philosophy and Feminism - D1, AH	
WGST 373	Women Writers and Filmmakers - WR	
WGST 375	LGBTQ Literature in the United States - AH, D1	
WGST 380	African-American Women in Theatre - D1, WR, AH	
WGST 395	Women, Media and Culture - AH, D1	
WGST 508	Queer Performance	
WGST 520	Women's Personal Narratives	
WGST 522	The Body in Popular Media - WR	
WGST 523	Gender and Popular Music - WR	
WGST 525	Art and Trauma	
WGST 560	Feminist Philosophical Literature	
WGST 571	Francophone Women Writers - WR	
WGST 582	Gender, Race and Culture in Health Care	

### Women's, Gender and Sexuality Studies Social Science Electives

Select up to 3 courses, of which one must be at the 400+ level:		6-9
WGST 204	The Digital Get Down: Feminism and the Internet - D2, SB	
WGST 300	Sex, Gender and Culture	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
WGST 312	Sociology of Women's Health	
WGST 313	Sociology of Gender	
WGST 316	Gender, Sexuality & Law	
WGST 323	Queer Politics	
WGST 324	Communication and Gender	
WGST 331	The History of Women, 1700 to the Present	
WGST 332	History of Childhood in America - WR, SBH, D1	
WGST 333	Women in Latin American History	
WGST 343	Faces of Global Poverty - WR	
WGST 344	Black Lesbian Lives	
WGST 347	Racism and Sexism - SB, D1	
WGST 348	African-American Women - WR	
WGST 349	Color Complex of Black Women	
WGST 355	Women in American Politics	
WGST 364	Women's Health Issues - D1, SB	
WGST 394	Lectures in Women's, Gender and Sexuality Studies	
WGST 410	Black Feminism in Action	
WGST 411	Psychology of Women	

WGST 414	Gender and Work
WGST 415	Sociology of Disabilities
WGST 458	Women: International Perspective
WGST 460	Gender in the Middle East
WGST 512	Gender, Race, Work, and Welfare
WGST 513	U.S. Social Justice Movements
WGST 530	Feminism in Western Civilization, 1790-1920 - WR
WGST 531	Women in the Twentieth Century in Europe and the U.S. - WR
WGST 532	History of American Sexualities - WR
WGST 533	Women in 19th-Century America - WR
WGST 538	Woman and Sport
WGST 540	Women's Health in Africa - WR
WGST 543	Black Women's Voices - WR
WGST 547	Language, Race, Class, and Gender
WGST 556	Feminist Theory - WR
WGST 558	Women in Developing Countries - WR
WGST 584	Women in East Asian History

**Elective in Women/Gender and Race**

Select two of the following: 6

WGST 342	Black Women Novelists - D2, AH, WR
WGST 343	Faces of Global Poverty - WR
WGST 344	Black Lesbian Lives
WGST 346	Women in Africa: Historical and Literary Perspectives
WGST 347	Racism and Sexism - SB, D1
WGST 348	African-American Women - WR
WGST 349	Color Complex of Black Women
WGST 380	African-American Women in Theatre - D1, WR, AH
WGST 410	Black Feminism in Action
WGST 512	Gender, Race, Work, and Welfare
WGST 513	U.S. Social Justice Movements
WGST 540	Women's Health in Africa - WR
WGST 543	Black Women's Voices - WR
WGST 545	Southern Women: Black and White
WGST 547	Language, Race, Class, and Gender
WGST 582	Gender, Race and Culture in Health Care

**Elective in Women/Gender and History**

Select one of the following: 3

WGST 331	The History of Women, 1700 to the Present
WGST 332	History of Childhood in America - WR, SBH, D1
WGST 333	Women in Latin American History
WGST 513	U.S. Social Justice Movements
WGST 530	Feminism in Western Civilization, 1790-1920 - WR
WGST 531	Women in the Twentieth Century in Europe and the U.S. - WR
WGST 532	History of American Sexualities - WR
WGST 533	Women in 19th-Century America - WR
WGST 545	Southern Women: Black and White
WGST 584	Women in East Asian History

Elective in Women's, Gender and Sexuality Studies at the 300-level or above 3

**Minimum Total Hours 36**

Code	Title	Hours
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**Supporting Courses**

Select either an approved A&S minor OR one of the concentration options below 27-30

*Minor Options (Choose one of the following)*

1. Minor in a Social Science discipline (18-21 hours) with 9 hours of electives at 300+ level in Humanities or Natural Sciences
2. Minor in a Natural Science discipline (18-21 hours) with 9 hours of electives at 300+ level in Humanities or Social Sciences
3. Minor in a Humanities discipline (18-21 hours) with 9 hours of electives at 300+ level in Social Sciences or Natural Sciences

*Concentration Options (Choose one of the following)*

1. Concentration in Social Sciences (18 hours of Social Science electives) with 9 hours of electives at 300+ level in Natural Sciences or Humanities

- At least 9 hours in a single Social Science discipline
- No more than 6 hours taken at the 200-level may be counted towards the concentration
- At least 12 hours must be 300+ level
- Up to 6 hours in the concentration can double-count in the major

2. Concentration in Natural Sciences (18 hours of Natural Science electives) with 9 hours of electives at 300+ level in Humanities or Social Sciences

- At least 9 hours in a single Natural Science discipline
- No more than 6 hours taken at the 200-level may be counted towards the concentration
- At least 12 hours must be 300+ level
- Up to 6 hours in the concentration can double-count in the major

3. Concentration in Humanities (18 hours of Humanities electives) with 9 hours of electives at 300+ level in Natural Sciences or Social Sciences

- At least 9 hours in a single Humanities discipline
- No more than 6 hours taken at the 200-level may be counted towards the concentration
- At least 12 hours must be 300+ level
- Up to 6 hours in the concentration can double-count in the major

Minimum Electives 11-14

**Minimum Total Hours 41**

Students should consult a Women's, Gender and Sexuality Studies advisor about how topics and independent study courses count in the major (see list below).

Code	Title	Hours
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**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:

- |          |  |
|----------|--|
| WGST 500 | Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE |
|----------|--|

## Women's, Gender and Sexuality Studies Topics/ Independent Study courses

Code	Title	Hours
WGST 390	Topics in Women's, Gender and Sexuality Studies: Humanities	3
WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
WGST 392	Topics in Women's, Gender and Sexuality Studies: Social Sciences - WR	3
WGST 393	Topics in Women's, Gender and Sexuality Studies: Humanities - WR	3
WGST 490	Topics in Women's, Gender and Sexuality Studies: Humanities	3
WGST 491	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
WGST 492	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
WGST 493	Topics in Women's, Gender and Sexuality Studies: Humanities - WR	3
WGST 498	Senior Honors Thesis: Social Sciences - WR	3
WGST 499	Senior Honors Thesis: Humanities - WR	3
WGST 589	Independent Study: Women's, Gender and Sexuality Studies-Humanities	1-3
WGST 590	Independent Study: Women's, Gender and Sexuality Studies-Social Sciences	1-3
WGST 591	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
WGST 592	Topics in Women's, Gender and Sexuality Studies: Social Sciences - WR	3
WGST 593	Topics in Women's, Gender and Sexuality Studies: Humanities	3
WGST 594	Topics in Women's, Gender and Sexuality Studies: Humanities - WR	3

- <sup>1</sup> In addition to the Humanities courses required in the Women's, Gender and Sexuality Studies Core
- <sup>2</sup> Completion of the intermediate level of a single foreign language
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Students who satisfy General Education Requirements by courses defined by the program will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
WGST 201	Women In American Culture - D1, AH	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
WGST 203	Gender Issues in Public Dialogue - OC, D1	3

General Education: Cardinal Core Social & Behavioral Sciences Global Diversity - SBD2		3
General Education: Cardinal Core Natural Sciences - S		3
Women's, Gender and Sexuality Studies Humanities elective or general elective		3
MATH 105	Quantitative Reasoning - QR	3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
WGST 199 or ENGL 102	Writing in Women's, Gender and Sexuality Studies - WC or Intermediate College Writing - WC	3
Women's, Gender and Sexuality Studies Race & Gender elective		3
Foreign Language 1		3-4
General Education: Cardinal Core Arts & Humanities - AH		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
Foreign Language 2		3-4
General elective		3
Women's, Gender and Sexuality Studies History elective		3
Course in minor or focus		3
Supporting course (outside of division of minor or focus)		3
<b>Hours</b>		<b>15-16</b>
<b>Year 3</b>		
<b>Fall</b>		
Women's, Gender and Sexuality Studies elective (300 level or above)		3
Women's, Gender and Sexuality Studies Humanities WR elective		3
Women's, Gender and Sexuality Studies Social Science elective or general elective		3
Course in minor or focus		3
Foreign Language 3		3-4
<b>Hours</b>		<b>15-16</b>
<b>Spring</b>		
Women's, Gender and Sexuality Studies Social Science electives		6
Supporting course (outside of minor or focus)		3
Supporting course (outside of minor or focus)		3
Course in minor or focus		3
Foreign Language 4 (if necessary)		3
<b>Hours</b>		<b>18</b>
<b>Year 4</b>		
<b>Fall</b>		
WGST 401	Community Internship	3
Women's, Gender and Sexuality Studies Humanities elective (400 level or above)		3
Course in minor or focus		3
Women's, Gender and Sexuality Studies Race & Gender Elective		3
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
Course in minor or focus		3
Course in minor or focus (if needed) or general elective		3
General elective		3
Women's, Gender and Sexuality Studies Social Science elective (400 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122-125</b>

## Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to

compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

**To create either report:**

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

**Flight Planner**

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Women's, Gender and Sexuality Studies with a 3+3 Track to Law (BA)



**Bachelor of Arts in Women's, Gender and Sexuality Studies with a 3+3 Track to Law**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Department: Women's, Gender and Sexuality Studies (<http://www.louisville.edu/a-s/ws/>)  
 Academic Plan Code(s): WGSTBA\_3+3

### Program Information

The College of Arts & Sciences and the Louis D. Brandeis School of Law have joined forces to create 3+3 Accelerated Law programs that allows eligible students in the College of Arts & Sciences to begin law school in their senior year of undergraduate study. Students substitute undergraduate major requirements with the first 30 hours of law school, earning an undergraduate degree after their first year of law school and a Juris Doctor (JD) degree two years later. Students must have completed three years (6 semesters) of undergraduate course work, including transfer credit and credit earned in summers, prior to enrollment at Brandeis.

Completion of this degree requires work to be submitted for the department's Learning Outcomes Measurement. For details, contact the department.

### Degree Summary

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>	31
	College/School Requirements	22
	Program/Major Requirements <sup>1</sup>	39
	Law School Courses	30
<b>Minimum Total Hours</b>		<b>122</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

### Departmental Admission Requirements

Admission to the BA in Women's, Gender and Sexuality Studies requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major. A 3.5 GPA is recommended by the School of Law (see below).

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

### Admission to Law School

Admission to the 3+3 track does not guarantee admission to the law school. Students seeking admission to law school must complete a law school application and satisfy all of Brandeis' admissions requirements, including its median GPA and LSAT expectations.

The law school requires that students seeking admission through the 3+3 program have completed three years of undergraduate course work, including transfer credit and credit earned in summer. It is recommended that students planning to pursue this track have a minimum cumulative GPA of 3.5.

For more information on Brandeis and its admissions requirements, please contact the Brandeis School of Law Office of Admissions (<https://louisville.edu/law/>). A visit to the law school and an opportunity to observe a class can be arranged.

### General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>*</sup>	31
The following courses are required by the program and can satisfy the respective General Education Requirement:		
WGST 201	Women In American Culture - D1, AH	
Some program guided electives also may satisfy General Education requirements.		

<sup>\*</sup>All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Electives in Humanities or Natural Sciences at the 300 level or above <sup>1</sup>	9
	Foreign Language <sup>2</sup>	12
	WR - two approved courses at the 300 level or above <sup>3</sup>	
<b>Minimum Total Hours</b>		<b>22</b>

## Program/Major Requirements

Code	Title	Hours
<b>Women's, Gender and Sexuality Studies Core Courses</b>		
WGST 201	Women In American Culture - D1, AH	3
WGST 401	Community Internship	3
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
<b>Women's, Gender and Sexuality Studies Humanities Electives</b>		
Select up to 3 courses, of which one must be at the 400+ level:		6-9
WGST 202	Seeing Gender: Introduction to Gender in Visual Studies - AH, D1	
WGST 203	Gender Issues in Public Dialogue - OC, D1	
WGST 207	Introduction to Philosophy through Cultural Diversity - AH, D2	
WGST 303	Humanities and Gender - D2, AH	
WGST 320	Women in Music: A History - AH, D1	
WGST 325	Women and Global Literature - AH, D2	
WGST 326	Gender and Children's Literature - D1, AH	
WGST 340	Women and Religion - AH, D2	
WGST 342	Black Women Novelists - D2, AH, WR	
WGST 346	Women in Africa: Historical and Literary Perspectives	
WGST 360	Philosophy and Feminism - D1, AH	
WGST 373	Women Writers and Filmmakers - WR	
WGST 375	LGBTQ Literature in the United States - AH, D1	
WGST 380	African-American Women in Theatre - D1, WR, AH	
WGST 395	Women, Media and Culture - AH, D1	
WGST 508	Queer Performance	
WGST 520	Women's Personal Narratives	
WGST 522	The Body in Popular Media - WR	
WGST 523	Gender and Popular Music - WR	
WGST 525	Art and Trauma	
WGST 560	Feminist Philosophical Literature	
WGST 571	Francophone Women Writers - WR	
WGST 582	Gender, Race and Culture in Health Care	
<b>Women's, Gender and Sexuality Studies Social Science Electives</b>		
Select up to 3 courses, of which one must be at the 400+ level:		6-9
WGST 204	The Digital Get Down: Feminism and the Internet - D2, SB	
WGST 300	Sex, Gender and Culture	
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	

WGST 312	Sociology of Women's Health	
WGST 313	Sociology of Gender	
WGST 316	Gender, Sexuality & Law	
WGST 323	Queer Politics	
WGST 324	Communication and Gender	
WGST 331	The History of Women, 1700 to the Present	
WGST 332	History of Childhood in America - WR, SBH, D1	
WGST 333	Women in Latin American History	
WGST 343	Faces of Global Poverty - WR	
WGST 344	Black Lesbian Lives	
WGST 347	Racism and Sexism - SB, D1	
WGST 348	African-American Women - WR	
WGST 349	Color Complex of Black Women	
WGST 355	Women in American Politics	
WGST 364	Women's Health Issues - D1, SB	
WGST 394	Lectures in Women's, Gender and Sexuality Studies	
WGST 410	Black Feminism in Action	
WGST 411	Psychology of Women	
WGST 414	Gender and Work	
WGST 415	Sociology of Disabilities	
WGST 458	Women: International Perspective	
WGST 460	Gender in the Middle East	
WGST 512	Gender, Race, Work, and Welfare	
WGST 513	U.S. Social Justice Movements	
WGST 530	Feminism in Western Civilization, 1790-1920 - WR	
WGST 531	Women in the Twentieth Century in Europe and the U.S. - WR	
WGST 532	History of American Sexualities - WR	
WGST 533	Women in 19th-Century America - WR	
WGST 538	Woman and Sport	
WGST 540	Women's Health in Africa - WR	
WGST 543	Black Women's Voices - WR	
WGST 547	Language, Race, Class, and Gender	
WGST 556	Feminist Theory - WR	
WGST 558	Women in Developing Countries - WR	
WGST 584	Women in East Asian History	
<b>Elective in Women/Gender and Race</b>		
Select two of the following: <sup>4</sup>		6
WGST 342	Black Women Novelists - D2, AH, WR	
WGST 343	Faces of Global Poverty - WR	
WGST 344	Black Lesbian Lives	
WGST 346	Women in Africa: Historical and Literary Perspectives	
WGST 347	Racism and Sexism - SB, D1	
WGST 348	African-American Women - WR	
WGST 349	Color Complex of Black Women	
WGST 380	African-American Women in Theatre - D1, WR, AH	
WGST 410	Black Feminism in Action	
WGST 512	Gender, Race, Work, and Welfare	
WGST 513	U.S. Social Justice Movements	
WGST 540	Women's Health in Africa - WR	
WGST 543	Black Women's Voices - WR	

WGST 545	Southern Women: Black and White	
WGST 547	Language, Race, Class, and Gender	
WGST 582	Gender, Race and Culture in Health Care	
<b>Elective in Women/Gender History</b>		
Select one of the following: <sup>5</sup>		3
WGST 331	The History of Women, 1700 to the Present	
WGST 332	History of Childhood in America - WR, SBH, D1	
WGST 333	Women in Latin American History	
WGST 513	U.S. Social Justice Movements	
WGST 530	Feminism in Western Civilization, 1790-1920 - WR	
WGST 531	Women in the Twentieth Century in Europe and the U.S. - WR	
WGST 532	History of American Sexualities - WR	
WGST 533	Women in 19th-Century America - WR	
WGST 545	Southern Women: Black and White	
WGST 584	Women in East Asian History	
<b>Elective in Women's, Gender and Sexuality Studies at the 300-level or above</b>		6
<b>Minimum Total Hours</b>		<b>39</b>

Code	Title	Hours
<b>Law School Courses</b>		
LAW 802	Torts I	3
LAW 803	Torts II	3
LAW 804	Contracts I	3
LAW 805	Contracts II	3
LAW 806	PROPERTY I	3
LAW 807	PROPERTY II	3
LAW 808	Civil Procedure I	3
LAW 810	Criminal Law	3
LAW 811	Lawyering Skills I	3
LAW 812	Lawyering Skills II	3
<b>Minimum Total Hours</b>		<b>30</b>

Only 40 hours in the major department may be applied toward the Bachelor of Arts degree.

At least 50 of the total minimum hours required must be at the 300 level or above.

Code	Title	Hours
<b>Culminating Undergraduate Experience (Graduation requirement)</b>		
Requirement fulfilled by completing:		
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	

- <sup>1</sup> In addition to the Humanities courses required in the Women's, Gender and Sexuality Studies Core
- <sup>2</sup> Completion of the intermediate level of a single foreign language
- <sup>3</sup> May be incorporated into other degree requirements
- <sup>4</sup> Some titles of the following courses may be used, consult department: WGST 390, WGST 391, WGST 593
- <sup>5</sup> Some titles of the following courses may be used, consult department: WGST 391

### Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
WGST 201	Women In American Culture - D1, AH	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		3
Women's, Gender and Sexuality Studies Humanities Elective		3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
WGST 199 or ENGL 102	Writing in Women's, Gender and Sexuality Studies - WC or Intermediate College Writing - WC	3
Women's, Gender and Sexuality Studies Race & Gender elective		3
WGST 203	Gender Issues in Public Dialogue - OC, D1	3
Women's, Gender and Sexuality Studies elective		3
Foreign Language 1		3-4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Elective		3
Foreign Language 2		3-4
Women's, Gender and Sexuality Studies History elective		3
Women's, Gender and Sexuality Studies Humanities elective or WGST Race & Gender elective		3
Women's, Gender and Sexuality Studies Social Science elective or WGST Race & Gender elective		3
<b>Hours</b>		<b>16</b>
<b>Year 3</b>		
<b>Fall</b>		
WGST 401	Community Internship	3
Foreign Language 3		3-4
Women's, Gender and Sexuality Studies Humanities elective (400 level or above)		3
Women's, Gender and Sexuality Studies Social Science elective		6
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
Women's, Gender and Sexuality Studies elective (300 level or above)		3
Foreign Language 4 (if needed) or Humanities or Natural Science elective (300 level or above)		3
Humanities or Natural Science elective (300 level or above)		3
Humanities or Natural Science elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Year 4</b>		
<b>Fall</b>		
LAW 802	Torts I	3
LAW 804	Contracts I	3
LAW 806	PROPERTY I	3
LAW 810	Criminal Law	3

LAW 811	Lawyering Skills I	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
LAW 803	Torts II	3
LAW 805	Contracts II	3
LAW 807	PROPERTY II	3
LAW 808	Civil Procedure I	3
LAW 812	Lawyering Skills II	3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>122</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Women's, Gender and Sexuality Studies (BS)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Bachelor of Science in Women's, Gender and Sexuality Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Department: Women's, Gender and Sexuality Studies (<http://www.louisville.edu/a-s/ws/>)  
 Academic Plan Code(s): WGSTBS

## Program Information

Women's, Gender and Sexuality studies is an interdisciplinary major that draws its questions and approaches from the humanities, social sciences, natural sciences, and arts. It helps students to develop theoretical, empirical, and methodological perspectives for studying gender as a crucial category for understanding the world. We offer extremely flexible scheduling for our majors: we have three core courses, offered regularly; students are allowed a fair amount of control in selecting the classes that will be most helpful to them in their chosen career path to complete the remainder of their requirements. Our students are required to engage in service learning opportunities outside the university, giving them useful career experience. Students in our program also find it easy to double major, if they so desire.

WGST Majors learn to:

1. Apply gender analytics at the micro and macro level for research and practices of social change;
2. Examine complex social problems using gender-informed analysis, research and design;
3. Select appropriate methodologies from the humanities and social sciences for analyzing data and texts;
4. Provide appropriate theoretical interpretation based on discipline-related concepts;
5. Draw conclusions based on the analyses of texts and qualitative and quantitative information;
6. Demonstrate effective written and oral communications tailored to specific audiences and contexts to increase the understanding and utilization of research findings;
7. Identify how social, cultural and scientific knowledges are produced by institutions such as academic disciplines, media, arts, and politics;
8. Understand how gender intersects with other structures of power such as race, class, sexuality, disability and other structures of power in the U.S. and globally;
9. Draw from multiple fields of study to evaluate and generate information and experiences related to gender, race, class, sexuality, disability, etc.

Completion of this degree requires work to be submitted for the department's Student Learning Outcomes Measurement. For details, contact the department.

## Degree Summary

Code	Title	Hours
General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> ) <sup>1</sup>		31
College/School Requirements		7-9
Program/Major Requirements <sup>1</sup>		42
Supporting Courses		39
<b>Minimum Total Hours</b>		<b>121</b>

<sup>1</sup> Some credit hours from the General Education Requirements may be satisfied by courses defined by the program, in which case additional electives will be required to complete the minimum hours for the degree. See the Degree Requirements tab for specific coursework.

Specific coursework information can be found on the Degree Requirements tab.

## Accelerated BA-BS/MA in Women's, Gender and Sexuality Studies

Women's, Gender and Sexuality Studies majors who are considering pursuing a master's degree in Women's, Gender and Sexuality Studies can speed up the process by applying some of their undergraduate credit hours toward a master's degree. Students accepted into the Accelerated BA-BS/MA take three graduate courses (9 credit hours) as an undergraduate that apply toward both the bachelor's degree and the eventual master's degree.

Interested students must apply to the program during their Junior year (i.e., when they have accumulated 60-90 hours of credit). Students must complete an application for admission to the Women's, Gender and Sexuality Studies Department's Master of Arts program (including transcripts, two letters of recommendation, a statement of purpose, and a writing sample). Applicants must have a minimum overall grade point average and major grade point average of 3.35 and must meet all other requirements for admission to the Women's, Gender and Sexuality Studies Department's Master of Arts program.

Students must retain a 3.35 GPA in Women's, Gender and Sexuality Studies during their senior year to remain in the program.

## Departmental Admission Requirements

Admission to the BS in Women's, Gender and Sexuality Studies requires a minimum cumulative grade point average of 2.0 and a minimum grade point average of 2.0 on courses in the major.

The Application for Major form can be found on the Arts & Sciences Advising Center website (<http://louisville.edu/artsandsciences/advising/apply/>).

## Accelerated BA-BS/MA in Women's, Gender and Sexuality Studies

Interested students should apply for entry into the accelerated program no later than the end of their Junior year.

To be considered for admission to the Accelerated Master of Arts in Women's, Women's and Gender and Sexuality Studies program, students must:

- Complete an application for admission to the Women's, Women's and Gender and Sexuality Studies Department's Master of Arts program (including GRE scores, transcripts, two letters of recommendation, a statement of purpose, and a writing sample) no later than the end of their junior year.
- Have a minimum overall grade point average (GPA) of 3.35; a Women's, Gender Women's and Sexuality Gender Studies GPA of 3.35; and meet all other requirements for admission to the Women's, Gender Women's and Sexuality Gender Studies Department's Master of Arts program.

## General Education Requirements

Code	Title	Hours
	General Education Requirements ( <a href="http://catalog.louisville.edu/undergraduate/general-education-requirements/">http://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )*	31

The following courses are required by the program and satisfy the respective General Education Requirement(s):

WGST 201 Women In American Culture - D1, AH

Some program guided electives also may satisfy General Education requirements.

\*All degrees require the completion of the University-wide General Education Program (link provided above). Some General Education requirements may be met in the requirements for the major or supporting coursework, in which case additional electives may be required to complete the minimum hours for the degree.

## College/School Requirements

Code	Title	Hours
<b>Arts &amp; Sciences Requirements</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience Arts & Sciences First Year Experience	1
	Foreign Language <sup>1</sup>	6-8
	Electives in Humanities or Natural Sciences at the 300 level or above <sup>2</sup>	
	WR – two approved courses at the 300 level or above <sup>2</sup>	
<b>Minimum Total Hours</b>		<b>7-9</b>

## Program/Major Requirements

Code	Title	Hours
<b>Women's, Gender and Sexuality Studies Core Courses</b>		
WGST 201	Women In American Culture - D1, AH	3
WGST 401	Community Internship	3
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
<b>Women's, Gender and Sexuality Studies Humanities Electives</b>		
Select up to three of the following, of which one must be at the 400+ level:		
WGST 202	Seeing Gender: Introduction to Gender in Visual Studies - AH, D1	
WGST 203	Gender Issues in Public Dialogue - OC, D1	
WGST 207	Introduction to Philosophy through Cultural Diversity - AH, D2	
WGST 303	Humanities and Gender - D2, AH	
WGST 320	Women in Music: A History - AH, D1	
WGST 325	Women and Global Literature - AH, D2	
WGST 326	Gender and Children's Literature - D1, AH	
WGST 340	Women and Religion - AH, D2	
WGST 342	Black Women Novelists - D2, AH, WR	
WGST 346	Women in Africa: Historical and Literary Perspectives	
WGST 360	Philosophy and Feminism - D1, AH	
WGST 373	Women Writers and Filmmakers - WR	
WGST 375	LGBTQ Literature in the United States - AH, D1	
WGST 380	African-American Women in Theatre - D1, WR, AH	
WGST 395	Women, Media and Culture - AH, D1	
WGST 508	Queer Performance	
WGST 520	Women's Personal Narratives	
WGST 522	The Body in Popular Media - WR	
WGST 523	Gender and Popular Music - WR	
WGST 525	Art and Trauma	

WGST 560	Feminist Philosophical Literature
WGST 571	Francophone Women Writers - WR
WGST 582	Gender, Race and Culture in Health Care
<b>Women's, Gender and Sexuality Studies Social Science Electives</b>	
Select up to four of the following, of which one must be at the 400+ 9-12 level:	
WGST 204	The Digital Get Down: Feminism and the Internet - D2, SB
WGST 300	Sex, Gender and Culture
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies
WGST 312	Sociology of Women's Health
WGST 313	Sociology of Gender
WGST 316	Gender, Sexuality & Law
WGST 323	Queer Politics
WGST 324	Communication and Gender
WGST 331	The History of Women, 1700 to the Present
WGST 332	History of Childhood in America - WR, SBH, D1
WGST 333	Women in Latin American History
WGST 343	Faces of Global Poverty - WR
WGST 344	Black Lesbian Lives
WGST 347	Racism and Sexism - SB, D1
WGST 348	African-American Women - WR
WGST 349	Color Complex of Black Women
WGST 355	Women in American Politics
WGST 364	Women's Health Issues - D1, SB
WGST 394	Lectures in Women's, Gender and Sexuality Studies
WGST 410	Black Feminism in Action
WGST 411	Psychology of Women
WGST 414	Gender and Work
WGST 415	Sociology of Disabilities
WGST 458	Women: International Perspective
WGST 460	Gender in the Middle East
WGST 512	Gender, Race, Work, and Welfare
WGST 513	U.S. Social Justice Movements
WGST 530	Feminism in Western Civilization, 1790-1920 - WR
WGST 531	Women in the Twentieth Century in Europe and the U.S. - WR
WGST 532	History of American Sexualities - WR
WGST 533	Women in 19th-Century America - WR
WGST 538	Woman and Sport
WGST 540	Women's Health in Africa - WR
WGST 543	Black Women's Voices - WR
WGST 547	Language, Race, Class, and Gender
WGST 556	Feminist Theory - WR
WGST 558	Women in Developing Countries - WR
WGST 584	Women in East Asian History
<b>Elective in Women/Gender and Race</b>	
Select two of the following: 6	
WGST 342	Black Women Novelists - D2, AH, WR
WGST 343	Faces of Global Poverty - WR

WGST 346	Women in Africa: Historical and Literary Perspectives	
WGST 347	Racism and Sexism - SB, D1	
WGST 348	African-American Women - WR	
WGST 349	Color Complex of Black Women	
WGST 380	African-American Women in Theatre - D1, WR, AH	
WGST 410	Black Feminism in Action	
WGST 512	Gender, Race, Work, and Welfare	
WGST 513	U.S. Social Justice Movements	
WGST 540	Women's Health in Africa - WR	
WGST 543	Black Women's Voices - WR	
WGST 545	Southern Women: Black and White	
WGST 547	Language, Race, Class, and Gender	
WGST 582	Gender, Race and Culture in Health Care	
<b>Elective in Women/Gender and History</b>		
Select one of the following: 3		
WGST 331	The History of Women, 1700 to the Present	
WGST 332	History of Childhood in America - WR, SBH, D1	
WGST 333	Women in Latin American History	
WGST 513	U.S. Social Justice Movements	
WGST 530	Feminism in Western Civilization, 1790-1920 - WR	
WGST 531	Women in the Twentieth Century in Europe and the U.S. - WR	
WGST 532	History of American Sexualities - WR	
WGST 533	Women in 19th-Century America - WR	
WGST 545	Southern Women: Black and White	
WGST 584	Women in East Asian History	
Electives in Women's, Gender and Sexuality Studies at the 300-level or above 6		
<b>Minimum Total Hours 42</b>		
<b>Code</b>	<b>Title</b>	<b>Hours</b>
<i>Supporting Courses</i>		
Select either an approved A&S minor or one of the concentration options described below		27-33
<i>Minor Options (Choose one of the following)</i>		
1. Minor in a Social Sciences discipline (18-21 hours) with 9 hours of electives at 300+ level in Humanities or Natural Sciences		
2. Minor in a Natural Science discipline (18-21 hours) with 9 hours of electives at 300+ level in Humanities or Social Sciences		
3. Minor in a Humanities discipline (18-21 hours) with 9 hours of electives at 300+ level in Social Sciences or Natural Sciences		
<i>Concentration Options (Choose one of the following)</i>		
1. Concentration in Social Sciences (18 hours of Social Science electives) with 9 hours of electives at 300+ level in Humanities or Natural Sciences		
• At least 9 hours in a single Social Science discipline		
• No more than 6 hours taken at the 200-level may be counted towards the concentration		
• At least 12 hours must be 300+ level		
• Up to 6 hours in the concentration can double-count in the major		
2. Concentration in Natural Sciences (18 hours of Natural Science electives) with 9 hours of electives at 300+ level in Humanities or Social Sciences		

- At least 9 hours in a single Natural Science discipline
- No more than 6 hours taken at the 200-level may be counted towards the concentration

- At least 12 hours must be 300+ level
- Up to 6 hours in the concentration can double-count in the major

Select one of the following Statistics, Research Methods, or Logic courses: 3

MATH 109	Elementary Statistics - QR
BSTA 301	Business Statistics
CJ 326	Quantitative Analysis - QR
PAS 408	Research Methods in Pan-African Studies - WR
POLS 390	Contemporary Political Research
PSYC 301	Statistics for Psychology
	or PSYC 302 Research Methods for Psychology
SOC 301	Introduction to Social Statistics
ANTH 511	Ethnographic Methods - WR
PHIL 311	Introduction to Logic

Minimum Electives <sup>3</sup> 3-9

**Minimum Total Hours 39**

**Code Title Hours**

**Culminating Undergraduate Experience (Graduation requirement)**

Requirement fulfilled by completing:

WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE
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Consult your WGST advisor about how the following Topics and Independent Study courses may count in your major:

Code	Title	Hours
WGST 390	Topics in Women's, Gender and Sexuality Studies: Humanities	3
WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
WGST 392	Topics in Women's, Gender and Sexuality Studies: Social Sciences - WR	3
WGST 393	Topics in Women's, Gender and Sexuality Studies: Humanities - WR	3
WGST 490	Topics in Women's, Gender and Sexuality Studies: Humanities	3
WGST 498	Senior Honors Thesis: Social Sciences - WR	3
WGST 499	Senior Honors Thesis: Humanities - WR	3
WGST 589	Independent Study: Women's, Gender and Sexuality Studies-Humanities	1-3
WGST 590	Independent Study: Women's, Gender and Sexuality Studies-Social Sciences	1-3
WGST 591	Topics in Women's, Gender and Sexuality Studies: Social Sciences	3
WGST 592	Topics in Women's, Gender and Sexuality Studies: Social Sciences - WR	3
WGST 593	Topics in Women's, Gender and Sexuality Studies: Humanities	3
WGST 594	Topics in Women's, Gender and Sexuality Studies: Humanities - WR	3

<sup>1</sup> Completion of the second semester of a single foreign language; hours will vary depending on the language taken. Students who take fewer than 9 hours will require additional electives to complete the minimum hours for the degree.

<sup>2</sup> May be incorporated into other degree requirements

<sup>3</sup> Students who satisfy General Education Requirements by courses defined by the program and those who satisfy the A&S foreign language requirement in fewer than 9 hours will require additional electives to complete the minimum hours for the degree.

## Flight Plan

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
GEN 100 or GEN 101	Student Success Center First Year Experience or Arts & Sciences First Year Experience	1
ENGL 101	Introduction to College Writing - WC	3
WGST 201	Women In American Culture - D1, AH	3
General Education: Cardinal Core Natural Sciences - S		3
General Education: Cardinal Core Natural Sciences Lab - SL		1
General Education: Cardinal Core Arts & Humanities - AH		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
General Education: Cardinal Core Quantitative Reasoning - QR		3
General Education: Cardinal Core Arts & Humanities Global Diversity - AHD2		3
Women's, Gender and Sexuality Studies Humanities or Race & Gender elective		3
Women's, Gender and Sexuality Studies Social Science elective		3
Course in minor or focus		3
<b>Hours</b>		<b>15</b>
<b>Year 2</b>		
<b>Fall</b>		
WGST 199 or ENGL 102	Writing in Women's, Gender and Sexuality Studies - WC or Intermediate College Writing - WC	3
Women's, Gender and Sexuality Studies Race & Gender elective		3
WGST 203	Gender Issues in Public Dialogue - OC, D1	3
Women's, Gender and Sexuality Studies History elective		3
General Education: Cardinal Core Social & Behavioral Sciences Historical Perspective - SBH		
General elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
General Education: Cardinal Core Natural Sciences - S		3
Statistics, Research Methods, or Logic course		3
Course in minor or focus		3
Supporting course (in discipline outside the minor or focus)		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Year 3</b>		
<b>Fall</b>		
Foreign Language 1		3-4
Women's, Gender and Sexuality Studies Humanities elective and WR		3
Women's, Gender and Sexuality Studies Social Science elective or Gender & Race elective		3
Women's, Gender and Sexuality Studies elective (300 level or above)		3
Course in minor or focus		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Women's, Gender and Sexuality Studies Social Science elective		3
Supporting course (outside of minor or focus)		3
Course in minor or focus		3
Foreign Language 2		3-4

General Elective		3
<b>Hours</b>		<b>16</b>
<b>Year 4</b>		
<b>Fall</b>		
WGST 401	Community Internship	3
Women's, Gender and Sexuality Studies Humanities elective (400+ level)		3
Course in minor or focus		3
General Elective		3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
Women's, Gender and Sexuality Studies Social Science elective (400+ level)		3
Course in minor or focus		3
Supporting course (outside of minor or focus)		3
Women's, Gender and Sexuality Studies elective (300 level or above)		3
<b>Hours</b>		<b>15</b>
<b>Minimum Total Hours</b>		<b>121</b>

### Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan. What-if reports allow you to compare the courses you have completed in your current academic plan to the courses required in another academic plan. Should you have questions about either report, please consult with your academic advisor.

#### To create either report:

1. Log into your ULink account.
2. Click on the Academic Progress tile.
3. Next, click on "View my Degree Audit" to run a Degree Audit report in the Undergraduate Advising area.
4. To create a What-if report, click on "Create a What-if Advisement Report."

Click here to run a Degree Audit report, or create a What-if report. (<https://ulink.louisville.edu>)

### Flight Planner

Based on your major, the Flight Planner tool may be available for you to create a personalized Flight Plan. The Flight Planner can be found in the ULink Student Center. Consult with your advisor for assistance with the Flight Planner.

## Minors



## Undergraduate Minors

Minors are non-degree areas of academic focus that often complement a student's coursework in a primary program of study. Minors are not stand-alone programs— students must be enrolled in an degree-seeking, undergraduate (i.e., bachelor's degree) program of study.

### A

- Actuarial Mathematics (Minor) (p. 476)
- Aerospace Studies (Minor) (p. 477)
- Anthropology, Socio-Cultural (Minor) (p. 477)
- Arabic (Minor) (p. 478)
- Archaeology (Minor) (p. 478)
- Art (Minor) (p. 478)
- Art History (Minor) (p. 479)
- Asian Studies (Minor) (p. 479)
- Atmospheric Physics (Minor) (p. 480)

### B

- Biology (Minor) (p. 480)
- Black Performance Studies (Minor) (p. 481)
- Business Administration (Minor) (p. 481)

### C

- Chemistry (Minor) (p. 482)
- Chinese (Minor) (p. 482)
- Chinese Studies (Minor) (p. 482)
- Classical Studies (Minor) (p. 483)
- Communication (Minor) (p. 483)
- Community Health (Minor) (p. 483)
- Computer Engineering (Minor) (p. 484)
- Computer Information Systems (Minor) (p. 484)
- Computer Science (Minor) (p. 485)
- Criminal Justice (Minor) (p. 485)

### D

- Data Analytics (Minor) (p. 485)
- Deaf Studies (Minor) (p. 486)
- Diversity and Inequality (Minor) (p. 486)

### E

- Economics (Minor) (p. 486)
- English Creative Writing (Minor) (p. 487)
- English Literature (Minor) (p. 487)
- English Professional and Public Writing (Minor) (p. 487)
- Entrepreneurship (Minor) (p. 488)
- Environmental Analysis (Minor) (p. 488)
- Environmental Health (Minor) (p. 488)
- Epidemiology (Minor) (p. 489)
- Equine Business (Minor) (p. 489)
- Exercise Science (Minor) (p. 490)

## F

- Film Studies and Production (Minor) (p. 490)
- Finance (Minor) (p. 490)
- Forensic Anthropology (Minor) (p. 491)
- French (Minor) (p. 491)

## G

- Geography (Minor) (p. 491)
- German (Minor) (p. 492)
- Global Public Health (Minor) (p. 492)

## H

- Health, Medicine and Well-Being (Minor) (p. 493)
- Healthcare Leadership (Minor) (p. 493)
- Healthcare Management (Minor) (p. 494)
- History (Minor) (p. 494)
- Humanities (Minor) (p. 495)

## I

- International Business (Minor) (p. 495)
- Italian (Minor) (p. 496)

## J

- Japanese (Minor) (p. 496)
- Jewish Studies (Minor) (p. 496)

## L

- Latin American and Latino Studies (Minor) (p. 497)
- Leadership (Minor) (p. 498)
- Leadership and Talent Development (Minor) (p. 499)
- LGBTQ Studies (Minor) (p. 500)
- Linguistics (Minor) (p. 500)

## M

- Management (Minor) (p. 501)
- Marketing (Minor) (p. 501)
- Mathematics (Minor) (p. 502)
- Middle East and Islamic Studies (Minor) (p. 502)
- Music (Minor) (p. 503)
- Music and New Media (Minor) (p. 503)

## P

- Pan-African Studies (Minor) (p. 504)
- Peace, Justice, and Conflict Resolution (Minor) (p. 504)
- Philosophy (Minor) (p. 504)
- Philosophy, Politics, and Economics (Minor) (p. 505)
- Physics (Minor) (p. 505)
- Political Science (Minor) (p. 506)
- Psychology (Minor) (p. 506)
- Public Health (Minor) (p. 506)
- Public Health Nutrition (Minor) (p. 507)

## R

- Race/Gender Studies (Minor) (p. 507)
- Religious Studies (Minor) (p. 508)
- Russian Studies (Minor) (p. 509)

## S

- Social Change (Minor) (p. 509)
- Sociology (Minor) (p. 509)
- Sociology of Culture (Minor) (p. 510)
- Spanish (Minor) (p. 510)
- Sport Administration (Minor) (p. 511)
- Statistics and Data Science, Applied (Minor) (p. 511)

## T

- Theatre Arts (Minor) (p. 512)

## U

- Urban and Regional Analysis (Minor) (p. 512)

## W

- Women's, Gender and Sexuality Studies (Minor) (p. 512)

## Actuarial Mathematics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Actuarial Mathematics

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Mathematics (<http://www.math.louisville.edu/>)

### Program Requirements

Code	Title	Hours
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 301	Calculus III	4
MATH 372 or MATH 562	Theory of Interest Mathematical Statistics	3
MATH 561	Probability	3
MATH 570	Foundations of Actuarial Science	3
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

For a minor in Mathematics, at least six (6) hours in courses numbered 311 or higher must be successfully completed in the Department of Mathematics at the University of Louisville.

## Aerospace Studies (Minor)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Aerospace Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Aerospace Science (<http://www.louisville.edu/a-s/afrotc/>)

## Program Requirements

### Track I

For students with no prior military service

Code	Title	Hours
AIRS 101	Foundations of the U.S. Air Force I	1
AIRS 102	Foundations of U.S. Air Force II	1
AIRS 201	Evolution of U.S. Air Power I	1
AIRS 202	Evolution of U.S. Air Power II	1
AIRS 311	Air Force Leadership Studies I	3
AIRS 312	Air Force Leadership Studies II	3
AIRS 411	National Security Affairs I	3
AIRS 412	National Security Affairs II	3
Select six credit hours from the following:		6
HIST 314	History of US Foreign Relations II	
Any History course approved for the "Asia, Africa, Latin America" area of the major in History		
POLS 330	International Relations	
POLS 333	American Foreign Policy	
POLS 338	National and International Security: Issues and Policies	
POLS 339	Terrorism	
3-6 hours in languages (in addition to any language requirements of the student's major)		
<b>Minimum Total Hours</b>		<b>22</b>

### Track II

For students who enter the program after their sophomore year or students with prior military service who have received credit for AIRS 101, AIRS 102, AIRS 201 and AIRS 202 from the Department Chair.

Students in this track who have not received credit for these courses will take them during an extended summer Field Training encampment.

Code	Title	Hours
AIRS 311	Air Force Leadership Studies I	3
AIRS 312	Air Force Leadership Studies II	3
AIRS 411	National Security Affairs I	3
AIRS 412	National Security Affairs II	3
Select nine credit hours from the following:		9
HIST 314	History of US Foreign Relations II	
Any History course approved for the "Asia, Africa, Latin America" area of the major in History		
POLS 330	International Relations	
POLS 333	American Foreign Policy	
POLS 338	National and International Security: Issues and Policies	
POLS 339	Terrorism	
3-9 hours in languages (in addition to any language requirements of the student's major)		
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Socio-Cultural Anthropology (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Anthropology/Socio-Cultural

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Anthropology (<http://www.louisville.edu/a-s/anthro/>)  
Academic Plan Code(s): ANTHMINSOC

## Program Requirements

Code	Title	Hours
ANTH 201	Introduction to Cultural Anthropology - D2, SB	3
ANTH 202	Biological Anthropology - S	3-4
or ANTH 207	Principles of Biological Anthropology - B	
ANTH 204	Archaeology - D2, SB	3-4
or ANTH 206	Principles of Archaeology - B	
Select one of the following courses:		3
ANTH 315	The Anthropology of Europe - SB	
ANTH 317	Anthropology of China - D2, SB	
ANTH 318	African-American Cultural Traditions	
ANTH 319	Cultures of the Middle East	
ANTH 320	Indigenous Peoples of North America - SBH, D1	
ANTH 321	American Indian Women	
ANTH 323	Cultures of Africa - SB, D2	
ANTH 324	Iberian Anthropology	
ANTH 325	The Anthropology of Latin America - SB, D2	
Select three of the following Anthropology Electives:		9
ANTH 309	Sex, Gender and Culture	
ANTH 310	Race, Culture, Identity	
ANTH 331	Anthropology of Religion	
ANTH 333	Globalizing Inequalities - WR	
ANTH 334	Conflict, Law, and Culture	

ANTH 336	War and Society - WR
ANTH 337	Nationalism, Violence, and the State
ANTH 338	Anthropology of Refugees
ANTH 339	The Anthropology of Space and Place
ANTH 340	Human Rights
ANTH 342	Museums, Culture and Nationhood
ANTH 343	Language and Culture - D1, AH
ANTH 344	Anthropology of Clothing
ANTH 346	Sustainability: Anthropological Perspectives
ANTH 347	Global Capitalisms
ANTH 348	State & Empire
ANTH 349	Modes of Consciousness
ANTH 351	Medical Anthropology
ANTH 352	Food and Body Politic
ANTH 361	Special Topics in Anthropology
ANTH 362	Special Topics in Cultural Anthropology
ANTH 401	Cooperative Internship in Anthropology

**Minimum Total Hours** 21-23

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Arabic (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Arabic

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<https://louisville.edu/modernlanguages/>)

Academic Plan Code(s): ARABMIN

## Program Requirements

Code	Title	Hours
ARAB 123	Basic Arabic III	4
ARAB 201	Intermediate Arabic I	3
ARAB 202	Intermediate Arabic II	3
ARAB 321	Arabic Conversation: Communication in Cultural Content	3
Select two of the following:		6
ARAB 310	Arabic Translation Studies	
ARAB 313	Special Topics in Arabic	
ARAB 322	Advanced Writing Techniques in Modern Standard Arabic	
ARAB 323	Understanding Journalistic Arabic: Reading and Listening to Arab Media	
HUM 306	Survey of Islamic Thought, Religion and Culture	
HUM 313	Introduction to the Qur'an	
HUM 316	Modern Islamic Thought	
ANTH 319	Cultures of the Middle East	
M L 440	Community Internship	

**Minimum Total Hours** 19

## Archaeology (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Archaeology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Anthropology (<http://www.louisville.edu/a-s/anthro/>)

## Program Requirements

Code	Title	Hours
Select three of the following:		9-11
ANTH 201	Introduction to Cultural Anthropology - D2, SB	
ANTH 202	Biological Anthropology - S	
ANTH 203	Archaeology of Human History - D2, SBH	
ANTH 204	Archaeology - D2, SB	
ANTH 206	Principles of Archaeology - B	
ANTH 207	Principles of Biological Anthropology - B	
Select two of the following:		6
ANTH 311	Emergence of Human Culture - SBH	
ANTH 312	Rise of Civilization	
ANTH 326	African Archaeology	
ANTH 327	The Human Skeleton	
ANTH 329	Zooarchaeology	
ANTH 330	Urban and Historic Archaeology	
ANTH 377	Field Methods in Archaeology	
ANTH 509	Archaeological Theory and Methods - WR	
ANTH 530	Human Impacts on Past Environments	
Select two of the following:		6
ANTH 302	Underwater Archaeology	
ANTH 304	Prehistoric Archaeology of Europe - SBH	
ANTH 316	Ancient Civilizations of Mesoamerica	
ANTH 320	Indigenous Peoples of North America - SBH, D1	
ANTH 322	Archaeology of North America - SBH	
ANTH 339	The Anthropology of Space and Place	
ANTH 364	Special Topics in Archaeology	
ANTH 378	Lithic Technology	
ANTH 379	Ceramic Analysis	
ANTH 401	Cooperative Internship in Anthropology	
ANTH 526	Archaeology as Practice	
ANTH 564	Special Topics in Archaeology	

**Minimum Total Hours** 21-23

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Art (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Art

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Fine Arts (<http://louisville.edu/art/>)

## Program Requirements

Code	Title	Hours
ART 105	Foundation 2-D Design	3
ART 106	Foundation 3-D Design	3
ART 107	Foundation Drawing	3
ART 206 or ART 207	Foundation Art Concepts and Methods Foundation Figure Drawing	3
Select four of the following courses:		12
ART 301	Introduction to Painting	
ART 305	Drawing and Composition	
ART 311	Introduction to Glassmaking Techniques	
ART 321	Introduction to Sculpture	
ART 331	Introduction to Clay	
ART 341	Introduction to Printmaking	
ART 351	Introduction to Black and White Photography	
ART 361	Introduction to Interior Design	
ART 381	Introduction to Fiber/Mixed Media	
ART 383	Papermaking	
ART 385	Introduction to Book Arts	
ART 390	Special Problems in Studio Art	
<b>Minimum Total Hours</b>		<b>24</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

Note: Admission to the Minor in Art is on a space-available basis.

## Art History (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Art History

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Fine Arts (<http://louisville.edu/art/>)  
Academic Plan Code(s): ARTHMINOR

## Program Requirements

Admissions to the minor in Art History requires a minimum GPA of at least 2.0. Applications are available from the department upon request. Please contact the department for more information and to request an application by emailing [hite@louisville.edu](mailto:hite@louisville.edu).

An approved Art BA studio major who wishes to add an art history minor should contact the department for further instructions.

Code	Title	Hours
Select two of the following courses:		6
ARTH 250	Ancient Through Medieval Art - AH	
ARTH 270	Renaissance Through Modern Art - AH	
ARTH 290	Survey of Asian Art - D2, AH	
ARTH electives at 300 level, including no more than one from each of these areas: Pre-1750, After 1750, Non-Western		9

Art History elective at 500 level	3
<b>Minimum Total Hours</b>	<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Asian Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Asian Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Program: Asian Studies (<http://louisville.edu/asianstudies/>)  
Academic Plan Code(s): AST\_MINOR

Note: Admission to the major requires a minimum 2.0 cumulative University of Louisville GPA.

## Program Requirements

Code	Title	Hours
AST 310	Introduction to Asian Studies - SB, D2	3
<b>Electives in Humanities (excluding Asian languages)</b>		
Select two of the following:		6
AST/CHST 270	Chinese Contributions to the World - D2, AH	
AST/ARTH 290	Survey of Asian Art - AH, D2	
AST/ARTH 331	Chinese Art	
AST 330/ ARTH 335	Twentieth Century Chinese Artists and Architecture - AH, D2	
AST/ARTH 337	East Asia Landscape Art	
ARTH 339	Architecture and Gardens in China and Japan	
AST/ARTH 531	Studies in Asian Art	
AST 390	Topics in Asian Studies-Humanities	
CHST: any course		
HUM 307	East Asian Cultures - D2, AH	
HUM 341	South Asian Religious Thought and Culture - AH, D2	
HUM 342	Eastern Mysticism	
HUM 343	East Asian Religious Thought and Culture - D2, AH	
JPST 310	Japanese Culture Through Film - D2, AH	
JPST 312	Japanese Popular Culture - D2, AH	
JPST 313	Special Topics in Japanese Studies	
M L 270	Chinese Contributions to the World - AH, D2	
M L 310	Japanese Culture Through Film - AH, D2	
M L 313	Special Topics in Language, Literature, or Culture	
TA 567	Asian Theatre	
<b>Electives in Social Sciences</b>		
Select two of the following:		6
AST/ANTH 317	Anthropology of China - D2, SB	
AST/GEOG 316	Geography of South Asia	

AST 390	Topics in Asian Studies-Humanities
AST/HIST 396	History of India
AST/HIST 398	Modern China
AST/HIST 397	Traditional China
AST/HIST 598	Nationalism and Modernity in East Asia
AST/POLS 365	The People's Republic of China - D2, WR, SB
AST/POLS 366	Politics of East Asia - D2, SB
AST/POLS 367	Politics and Government of Southeast Asia
HIST 561	U.S. and Vietnam - WR, CUE
HIST 584	Women in East Asian History
HIST 591	Civilizations of Ancient and Medieval India - CUE, WR
HIST 592	Civilizations of Modern India - CUE, WR
POLS 345	Russia and Eurasia - WR
POLS 362	Comparative Political Economy
POLS 437	The United States and East Asia - WR

**Electives in Language**

Any course in Chinese or Japanese language	3
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**Minimum Total Hours** 18

Many departments offer topics courses that may have an Asian focus, including ARTH 342/ARTH 542 and ARTH 593; GEOG 590; HUM 511, HUM 512; M L 313; WGST 591. Such courses may apply to the minor in Asian Studies with the permission of the program director, who will determine which requirements such courses meet.

No more than 12 hours approved for the minor in Chinese Studies may also apply to the minor in Asian Studies.

Students are encouraged to participate in a study abroad program in Asia. Such a program will substitute for an elective in an area approved by the program director. Credit hours applied to the minor will be determined by the program director.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

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## Atmospheric Physics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Minor in Atmospheric Physics**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Physics and Astronomy (<http://www.physics.louisville.edu/>)  
Academic Plan Code(s): ATPHMIN

## Program Requirements

Code	Title	Hours
Core Physics Courses		
PHYS 298	Introductory Mechanics, Heat and Sound - S	4
PHYS 295	Introductory Laboratories I - SL	1
PHYS 299	Introductory Electricity, Magnetism and Light	4

PHYS 296	Introductory Laboratories II - SL	1
Core Atmospheric Courses		
PHYS 220	Introduction to Weather and Climate - S	3
PHYS 363	Atmospheric Physics	3
PHYS 464	Atmospheric Dynamics	3
Upper Level Atmospheric Course (select one) <sup>1</sup>		
PHYS 517	Physics of Climate	3
or PHYS 518	Space Weather	
<b>Minimum Total Hours</b>		<b>22</b>

<sup>1</sup> Students whose major requires PHYS 298/295, 299/296 sequence are required to take both upper level Atmospheric Physics courses.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Biology (Minor)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

**Minor in Biology**

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Biology (<http://louisville.edu/biology/>)  
Academic Plan Code(s): BIOLMINOR

**Admission to the Minor in Biology Requires:**

Completion of BIOL 240, BIOL 242 and BIOL 244 with a grade of C or better; completion of MATH 111 with a grade of C or better OR placement into a mathematics course above the level of MATH 111 on the basis of either the University of Louisville mathematics placement examination or ACT/SAT score; and a minimum overall grade point average of 2.0.

## Program Requirements

Code	Title	Hours
BIOL 240	Unity of Life - S <sup>1</sup>	3
BIOL 242	Diversity of Life - S <sup>1</sup>	3
BIOL 244	<sup>1</sup>	
BIOL 329	Cellular and Molecular Biology	3
BIOL 330	Genetics and Molecular Biology	5
& BIOL 331	Genetics and Molecular Biology: Laboratory	
BIOL 363	Principles of Ecology	3
or BIOL 409	Evolutionary Biology - CUE	

Biology Electives <sup>2</sup>	2
<b>Minimum Total Hours</b>	<b>19</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

- <sup>1</sup> Fulfills General Education requirement.  
<sup>2</sup> BIOL 102, BIOL 104, BIOL 257, BIOL 258, BIOL 260, BIOL 261, BIOL 262 and BIOL 263 may not count toward electives in the minor.

## Black Performance Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Black Performance Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
 Departments: Theatre Arts (<http://www.louisville.edu/a-s/ta/>) and Pan-African Studies (<http://www.louisville.edu/a-s/pas/>)  
 Academic Plan Code(s): BPS\_MINOR

## Program Requirements

Code	Title	Hours
PAS 210	Introduction to Pan-African Literature - AH, D2	3
TA 326/PAS 355	Cultural Diversity in Performance - D1, AH	3
TA 365/PAS 315	Theatre of the African World - D2, AH	3
Select one of the following courses:		3
PAS 319	African-American History I - D1, SBH	
PAS 329	Slave Trade and Slavery	
PAS 394	African History Since 1800 - SBH, D2	
Select three courses from the following list:		9
TA 322/ PAS 353	Acting the Black Experience - AH, D1	
TA 357	Introduction to Hip-Hop Theatre - D1, WR, AH	
TA 363/ PAS 350	African-American Women in Theatre - WR, D1, AH	
TA 366/ PAS 356	History of the African-American Theatre - WR, AH, D1	
TA/PAS 367	Black Dramatic Literature - D1, AH	
TA 423	Directing the Black Experience	
TA 455	Independent Study	
or PAS 390	Independent Study	
PAS/MUH 214	African-American Music - AH, D1	
PAS/MUH 218	Survey of American Jazz - D1, AH	
PAS 342	Black Women Novelists - WR, D2, AH	
PAS 381/ ARTH 341	African Art: A Survey	
PAS 385	Women in Africa: Historical and Literary Perspective	

**Minimum Total Hours** 21

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Business Administration (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Business Administration

Unit: College of Business (<http://business.louisville.edu/>)  
 Academic Plan Code(s): BA\_ \_MINOR

The College of Business offers a minor in business for students in other colleges and schools at the University of Louisville. Enrollment is limited in the business minor because of the large demand for courses by business majors.

To be admitted to the minor in Business Administration and be permitted to pursue the program core coursework, a student must have completed the following:

- Fifty-one (51) or more semester hours with a cumulative grade point average of 2.8 or higher;
- ECON 201 and ECON 202; and
- The business program prerequisite coursework with a GPA of 2.8.

Upon completion of the admission requirements and formal application, the student is admitted into the Business Administration minor program based on the student's academic performance and the space available. An appointment may be made during the semester that the program prerequisites are being completed to begin the application process.

## Program Requirements

Code	Title	Hours
<b>Admission Prerequisites</b>		
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
MATH 180	Elements of Calculus - QR <sup>1</sup>	3
<b>Program Prerequisites</b>		
<i>Non-Business students must have a 2.8 GPA in Program Prerequisites before applying for the minor.</i>		
BSTA 301	Business Statistics (previously BSTA 201) <sup>2</sup>	3
ACCT 201	Principles of Financial Accounting <sup>3</sup>	3
ACCT 202	Principles of Managerial Accounting <sup>3</sup>	3
<b>Business Core</b>		
CIS 205	Information Systems in Organizations	3
MGMT 301	Management and Organizational Behavior	3
MKT 301	Principles of Marketing	3
FIN 301	Corporate Finance	3
CIS 305	Data Analysis for Decision-Making	3
Business Elective <sup>4</sup>		3
<b>Minimum Total Hours</b>		<b>36</b>

2.0 GPA in Business Administration minor program core coursework and a 2.0 cumulative UofL GPA are required for graduation.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

- <sup>1</sup> Math 205 or equivalent can be used to fulfill the math 180 requirement.
- <sup>2</sup> The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326
- <sup>3</sup> ACCT 205 may substitute for ACCT 201 and ACCT 202
- <sup>4</sup> Must be at the 300 level or above.

## Chemistry (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Chemistry

Unit: College of Arts and Sciences (AS) (<http://louisville.edu/artsandsciences/>)

Department: Chemistry (<http://louisville.edu/chemistry/>)

Academic Plan Code(s): CHM\_MINOR, CHM1MINOR, CHM2MINOR

A student may choose either the Life Science track/Track I or Physical Science track/Track II (requirements below).

## Program Requirements

### Track I, Life Science Track

Code	Title	Hours
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207 & CHEM 208	Introduction to Chemical Analysis I - SL & Introduction to Chemical Analysis II - SL	2
CHEM 209 & CHEM 210	Introduction to Chemical Analysis III & Introduction to Chemical Analysis IV	2
CHEM 341	Organic Chemistry I	3
CHEM 342	Organic Chemistry II	3
CHEM 343	Organic Chemistry Laboratory I	2
CHEM 344	Organic Chemistry Laboratory II	2
CHEM 441	Elements of Physical Chemistry	3
<b>Minimum Total Hours</b>		<b>23</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

### Track II, Physical Science Track

Code	Title	Hours
CHEM 201	General Chemistry I - S	3
CHEM 202	General Chemistry II - S	3
CHEM 207 & CHEM 208	Introduction to Chemical Analysis I - SL & Introduction to Chemical Analysis II - SL	2
CHEM 209 & CHEM 210	Introduction to Chemical Analysis III & Introduction to Chemical Analysis IV	2
CHEM 341	Organic Chemistry I	3
CHEM 465	Physical Chemistry I	3
CHEM 466	Physical Chemistry II	3
CHEM 450	Introduction to Computational Chemistry and Molecular Modeling	2-3

or CHEM 470 Physical Chemistry Laboratory - WR	
<b>Minimum Total Hours</b>	<b>21-22</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Chinese (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Chinese

Unit: College of Arts and Sciences (AS) (p. 85)

Department: Classical and Modern Languages

Academic Plan Code(s): CHINMINOR

## Program Requirements

Code	Title	Hours
CHNS 202	Intermediate Chinese II	3
CHNS 301	Advanced Intermediate Chinese I	3
CHNS 302	Advanced Intermediate Chinese II	3
Select three of the following courses:		9
CHNS 311	Independent Study	
CHNS 321	Chinese Conversation I	
CHNS 322	Chinese Conversation II	
CHNS 455	Advanced Readings in Chinese I	
CHNS 456	Advanced Readings in Chinese II	
CHNS 551	Special Topics	
CHST 313	Special Topics	
CHST 335	China Through Film - AH, D2	
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Chinese Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Chinese Studies

Unit: College of Arts and Sciences (AS) (<http://louisville.edu/artsandsciences/>)

Program: Asian Studies (<http://louisville.edu/asianstudies/>)

Academic Plan Code(s): CHSTMINOR

## Program Requirements

Code	Title	Hours
CHNS 301	Advanced Intermediate Chinese I	3
CHNS 302	Advanced Intermediate Chinese II	3
Select two of the following:		6
CHST 313	Special Topics	
CHST 323	Doing Business in China	
CHST 331	Chinese Culture and Tradition	
CHST 333	Contemporary China	

CHST 335	China Through Film - AH, D2
CHST 341	Ethnicity and Religion in China
CHST 351	Chinese Literature in Translation I - AH, D2
CHST 353	Chinese Literary Theory
CHST 361	Western Literature in China
Select two of the following: <sup>1</sup> 6	
ANTH 317	Anthropology of China - D2, SB
ARTH 335	Twentieth Century Chinese Artists and Architects - D2, AH
ARTH 337	Eastern Asia Landscape Art
ARTH 339	Architecture and Gardens in China and Japan
ARTH 342	Selected Topics in Art History <sup>2</sup>
ANTH 531	Anthropology of Water
ARTH 542	Special Topics <sup>2</sup>
ARTH 631	Topics in Asian Art
AST/CHST 270	Chinese Contributions to the World - D2, AH
HIST/AST 397	Traditional China
HIST/AST 398	Modern China
HUM 307	East Asian Cultures - D2, AH
HUM 342	Eastern Mysticism
HUM 343	East Asian Religious Thought and Culture - D2, AH
HUM 369	Asian Theatre
M L 270	Chinese Contributions to the World - AH, D2
POLS 365	The People's Republic of China - D2, SB, WR

**Minimum Total Hours** 18

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Substitutions may be made with the approval of the Chinese Studies Advisor.

<sup>2</sup> When topic is appropriate

## Classical Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Classical Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<https://louisville.edu/modernlanguages/>)

Academic Plan Code(s): CLSTMIN

## Program Requirements

Code	Title	Hours
6 hours at the 200 level in Latin or Greek		6
Select four of the following:		12
LAT 301	Selected Readings	
LAT 302	Selected Readings II	
LAT 303	Latin Prose Composition	
GR 301	Advanced Greek I	
GR 302	Advanced Greek II	
ARTH 250	Ancient Through Medieval Art - AH	

HIST 340	Ancient Mediterranean World
HIST 342	Ancient Greece
HIST 343	The Roman World
HIST 346	Greek and Roman Culture
HUM 301	Ancient Greek and Roman Cultures
HUM 338	Greek Mythology
HUM 354	Masterpieces of Ancient Greece - WR
HUM 355	Masterpieces of Ancient Rome - WR
PHIL 301	Ancient Philosophy

**Minimum Total Hours** 18

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Communication (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Communication

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Communication (<http://louisville.edu/communication/>)

Academic Plan Code(s): COMMMINOR

Admission to the minor in Communication requires completion of COMM 201 with a grade of C or better and a minimum cumulative GPA of 2.0.

## Program Requirements

Code	Title	Hours
COMM 201	Introduction to Communication - SB	3
COMM 316	Research Methods <sup>1</sup>	3
Select one of the following courses:		3
COMM 303	Introduction to Communication Technologies	
COMM 304	Argument In Everyday Life	
COMM 305	Introduction to Mass Communication	
COMM 315	Introduction to Interpersonal Communication	
Communication electives at the 200-level or above <sup>2</sup>		9-12

**Minimum Total Hours** 18-21

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Or another social science methods course

<sup>2</sup> Students must complete 12 hours of Communication electives if the social science methods course is taken in another discipline.

## Community Health (Minor)

### Minor in Community Health

Unit: College of Education and Human Development (<http://louisville.edu/education/>)

Department: Health and Sport Sciences (<http://louisville.edu/education/departments/hss/>) (HSS)

Academic Plan Code(s): CMH\_MINOR

*The Community Health minor has been suspended to further enrollment, effective Summer 2018.*

## Program Requirements

Code	Title	Hours
HSS 302	Nutrition in Healthy Living	3
HSS 310	Healthy Lifestyles II	3
HSS 430	Epidemiology of Health, Physical Activity and Nutrition	3
HSS 434	Public Health Education Methods	3
HSS 431	Leadership in Health Promotion - CUE	3
Select 9 hours from the following:		9
HSS 364	Women's Health Issues - D1, SB	
HSS 382	Wellness Coaching	
HSS 388	Principles of Athletic Conditioning <sup>1</sup>	
HSS 432	Biostatistics in Health and Exercise Science <sup>1</sup>	
HSS 501	Stress and Tension Control <sup>1</sup>	
HSS 462	Alcohol and Drug Education (previously HSS 562)	
HSS 503	Obesity: Causes, Control <sup>1</sup>	
HSS 504	Physical Activity and Public Health	
HSS 505	Stress and Disease	
HSS 567	Healthy Sexuality and AIDS Education	
<b>Minimum Total Hours</b>		<b>24</b>

A 2.50 GPA is required in the minor.

Only one grade of D will be accepted in coursework required for the minor.

<sup>1</sup> Please note that these courses have prerequisite requirements which may not be listed in the courses above.

## Computer Information Systems (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Computer Information Systems

Unit: College of Business (BU) (<http://louisville.edu/business/>)

Department: Computer Information Systems (<http://business.louisville.edu/cis/>)

Academic Plan Code(s): CIS\_MINOR

Available to College of Business BSBA, BSE, and ECON BA majors only.

### Program Prerequisites

Code	Title	Hours
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
One of the following statistics courses:		3
BSTA 301	Business Statistics (recommended)	
CJ 326	Quantitative Analysis - QR	
PSYC 301	Statistics for Psychology	

SOC 301	Introduction to Social Statistics	
MATH 109	Elementary Statistics - QR	
BUS 201	Career Development	1
CIS 205	Information Systems in Organizations	3
CIS 305	Data Analysis for Decision-Making	3
<b>Minimum Total Hours</b>		<b>22</b>

## Program Core

Code	Title	Hours
CIS 150	Fundamentals of Information Systems	3
CIS 199	Software Development I	3
CIS 310	Database Design	3
CIS 320	Systems Analysis and Design	3
CIS 350	Infrastructure Technologies	3
<b>Minimum Total Hours</b>		<b>15</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

An average GPA of 2.0 in the core courses is required for graduation.

## Computer Engineering (Minor)

This program was approved for students entering the university in the Summer 2019–Spring 2020 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Computer Engineering

Unit: Speed School of Engineering (<http://engineering.louisville.edu>) (SS)

Department: Computer Science and Engineering (<http://engineering.louisville.edu/computer/>)

Academic Plan Code: CECSMINOR

### Program Requirements

The Minor in Computer Engineering program is for undergraduate students in the J.B. Speed School of Engineering (SSoE) who are majoring in disciplines other than Computer Science and Engineering (CSE).

Prerequisite for admission to the minor in Computer Engineering is admission in a SSoE Bachelor of Science program other than CSE. Students should see their advisor for admission details.

The Computer Engineering minor requires successful completion of the following 19 or 20 credit hours with a GPA of 2.25 or higher:

### Required Coursework

Code	Title	Hours
CSE 130	Introduction to Programming Languages	3
CSE 302	Data Structures	3
CSE 420	Design of Operating Systems	3
CSE/ECE 412	Introduction to Embedded Systems <sup>1</sup>	3
CSE 525/ECE 516	Microcomputer Design	4
Select one of the following:		3-4
CSE 516/ ECE 518	Fundamentals of Computer Communications and Networks <sup>1</sup>	
CSE 510/ ECE 511	Computer Design <sup>1</sup>	

or ECE 510/511	Computer Design	
<b>Minimum Total Hours</b>		<b>19-20</b>

NOTE: At least 9 semester hours must be successfully completed while enrolled at the University of Louisville.

<sup>1</sup> This course requires one or more prerequisite courses which are NOT included in the required coursework for the Computer Engineering minor.

## Computer Science (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Computer Science

Unit: Speed School of Engineering (<http://engineering.louisville.edu>) (SS)  
Department: Computer Science and Engineering (<http://engineering.louisville.edu/computer/>)  
Academic Plan Code: CS MINOR

## Program Requirements

The minor in Computer Science (CS) program is for undergraduate students who are majoring in disciplines other than Computer Science and Engineering. The CS minor requires successful completion of 18 credit hours with a GPA of 2.25 or higher.

Code	Title	Hours
<b>Prerequisites</b>		
ENGR 101 or MATH 205 or Equivalent (ENGR 190/MATH 190) <sup>1</sup>		4

### Admission Requirements

Minimum cumulative GPA: 2.25  
Minimum grade in ENGR 101/MATH 205: C  
Minimum number of hours completed: Sophomore standing

Code	Title	Hours
<b>CS Core Requirements</b>		
CSE 130	Introduction to Programming Languages	3
CSE 302	Data Structures	3
CSE 310	Discrete Structures	3
Choose one course from the following list:		3
CSE 350	Introduction to Software Engineering (Prerequisite: CSE 302 and CSE 220)	
CSE 419	Introduction to Algorithms (Prerequisites: CSE 302, CSE 310) <sup>2</sup>	
CSE 420	Design of Operating Systems (Prerequisite: CSE 302) <sup>2</sup>	
CS Depth Requirements		6
Choose two courses from the following list: <sup>3</sup>		
CSE 419	Introduction to Algorithms (Prerequisites: CSE 302, CSE 310) <sup>2</sup>	
CSE 420	Design of Operating Systems (Prerequisite: CSE 302) <sup>2</sup>	
CSE 504	Automata Theory (Prerequisite: CSE 310)	
CSE 528	Game Design and Programming (Prerequisite: CSE 302)	

CSE 530	Design of Compilers (Prerequisite: CSE 420)	
CSE 535	Database Systems (Prerequisite: CSE 302)	
CSE 545	Artificial Intelligence (Prerequisites: CSE 302, CSE 310)	
CSE 550	Software Engineering (Prerequisite: CSE 420)	
CSE 570	(Prerequisite: CSE 220)	
CSE 590	Special Topics in Computer Science and Engineering	
<b>Minimum Total Hours</b>		<b>18</b>

NOTE: At least 9 semester hours must be successfully completed while enrolled at the University of Louisville.

- <sup>1</sup> Fulfills General Education requirement.
- <sup>2</sup> Credit for courses taken to fulfill CS Core requirements cannot also be counted to satisfy CS Depth requirements.
- <sup>3</sup> Some courses listed under CS Depth requirements may need further prerequisites to be satisfied.

## Criminal Justice (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Criminal Justice

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Criminal Justice (<http://louisville.edu/justice/>)  
Academic Plan Code(s): JA\_ \_MINOR

## Program Requirements

Code	Title	Hours
CJ 200	Crime and Justice in the United States - SB	3
CJ 201	Law Enforcement in the United States - SB	3
CJ 202	Corrections in the United States - SB	3
CJ 305	Criminal Behavior	3
CJ 306	Criminal Procedure	3
CJ 360	Juvenile Justice	3
CJ elective at the 300 level or above		3
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Data Analytics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Data Analytics

Unit: College of Business (<https://business.louisville.edu/about/learning-at-cob/>)  
Academic Plan Code(s): DANAMINOR

The minor in Data Analytics is open to all students at the University of Louisville. The minor consists of 15 credit hours.

## Program Requirements

Code	Title	Hours
CIS 310	Database Design	3
CIS 443	Analytics Programming	3
CIS 444	Data Analytics	3
CIS 445	Machine Learning	3
CIS 450	Special Topics in Data Analytics	3
<b>Minimum Total Hours</b>		<b>15</b>

## Deaf Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Deaf Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<https://louisville.edu/modernlanguages/>)  
Academic Plan Code(s): DESTMIN

## Program Requirements

Code	Title	Hours
ASL 301	American Sign Language V	3
ASL 302	American Sign Language VI	3
ITP 115	Heritage & Culture of the Deaf - D1, SB	3
ITP 350	Historical Perspectives on the Deaf Community - WR	3
Select two of the following:		6
ASL 400	American Sign Language VII	
ITP 210	Application of Fingerspelling and Number Systems	
ITP 225	Introduction to Interpreting	
ITP 390	Linguistics and American Sign Language I	
ITP 490	Linguistics and ASL II	
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Diversity and Inequality (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Diversity and Inequality

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Sociology (<https://louisville.edu/sociology/>)  
Academic Plan Code(s): DIN MIN

## Program Requirements

Admission to the minor in Diversity and Inequality requires:

1. Completion of SOC 320 or SOC 323 with a grade of C or better;
2. A minimum cumulative grade point average of 2.0; and
3. A minimum grade point average of 2.0 in any courses in Sociology.

Completion of the minor requires completion of SOC 320 (<https://catalog.louisville.edu/search/?P=SOC%20320>) and SOC 323 with a grade of C or better.

Code	Title	Hours
SOC 201	Introduction to Sociology - SB	3
SOC 320	Social Theory - WR	3
SOC 323	Diversity and Inequality	3
Select two electives at the 300+ level:		6
SOC 305	Urban Sociology	
SOC 306	Demography	
SOC 315	Environmental Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 334	Sociology of Deviant Behavior	
SOC 343	Sociology of Women's Health	
SOC 346	Sociology of Religion	
SOC 350	Special Topics in Sociology <sup>1</sup>	
SOC 374	Money, Economics and Society - WR	
SOC 392	Faces of Global Poverty - WR	
Select two electives at the 400 level:		6
SOC 410	Sociology of Aging - CUE	
SOC 415	Sociology of Death & Dying - CUE	
SOC 420	Sociology of Sport	
SOC 425	Sociology of Leisure - CUE	
SOC 442	Sociology of Disabilities	
SOC 454	Social Inequality & Stratification - WR, CUE	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 456	Gender and Work	
SOC 460	Gender in the Middle East	
SOC 470	Political Sociology - CUE	
SOC 472	Sociology of Education - WR, CUE	
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> SOC 350 may only be used when its topic relates to diversity and inequality.

## Economics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Economics

Unit: College of Business (BU) (<http://business.louisville.edu/>)  
Department: Economics (<http://business.louisville.edu/economics/>)  
Academic Plan Code(s): EC\_ MINOR

## Program Requirements

Code	Title	Hours
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3

ECON 301	Intermediate Microeconomics	3
ECON 302	Intermediate Macroeconomics	3
Electives in Economics at 300-level or above		6
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

Available to both business majors and non-business majors.

An average GPA of 2.0 in the minor courses is required.

## English Creative Writing (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in English Creative Writing

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: English (<http://louisville.edu/english/>)

Academic Plan Code(s): ENGCMINOR

## Program Requirements

Code	Title	Hours
ENGL 202	Introduction to Creative Writing - AH	3
ENGL 304	Special Topics: Creative Nonfiction	3
or ENGL 305	Special Topics: Intermediate Creative Writing Workshop	
ENGL 403	Special Topics: Advanced Creative Writing	3
One Creative Writing Elective		3
Two literature electives at the 300 level or above		6
<b>Minimum Total Hours</b>		<b>18</b>

Students wishing to major in English and minor in Creative Writing will have to earn a minimum of 126 credits to complete both the major and the minor.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## English Literature (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in English Literature

Unit: College of Arts and Sciences (AS) (<https://louisville.edu/artsandsciences/>)

Department: English (<http://louisville.edu/english/>)

Academic Plan Code(s): ENGLMINOR

## Program Requirements

Code	Title	Hours
ENGL 300	Special Topics: Introduction to Literature - WR	3
or ENGL 310	Special Topics: Introduction to Professional and Public Writing	
Two English electives in pre-1900 literature (any level) <sup>1</sup>		6

Two English electives in post-1900 literature (any level) <sup>1</sup>	6	
ENGL 491	Special Topics: Interpretive Theory: The New Criticism to the Present	3

**Minimum Total Hours 18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Of the four electives, at least one must be at the 400 or above level

## English Professional and Public Writing (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Professional and Public Writing

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: English (<http://louisville.edu/english/>)

Academic Plan Code(s): PPWMINOR

## Program Requirements

Code	Title	Hours
ENGL 310	Special Topics: Introduction to Professional and Public Writing	3
Select one course from the following 300-level courses:		3
ENGL 303	Special Topics: Scientific and Technical Writing - WR	
ENGL 306	Special Topics: Business Writing - WR	
ENGL 309	Special Topics: Inquiries in Writing - WR	
Select two courses from the following 400-level courses:		6
ENGL 405	Special Topics: Editing, Publishing, and Document Design	
ENGL 407	Special Topics: Writing for Social Change - WR	
ENGL 480	Special Topics: Digital and Visual Composition	
Select two courses from the following 500-level courses:		6
ENGL 505	Special Topics: Advanced Technical Writing - WR	
ENGL 506	Special Topics: Teaching of Writing - CUE, WR	
ENGL 509	Special Topics: Special Topics Writing	
ENGL 599	Special Topics: Texts and Technologies - WR, CUE	
<b>Minimum Total Hours</b>		<b>18</b>

English majors on the Literature or Creative Writing tracks may minor in Professional and Public Writing and share no more than 6 hours between the two degree programs (in most cases, those shared hours will come from ENGL 310 and ENGL 599). An English major on the Professional and Public Writing track cannot minor in Professional and Public Writing. The Professional and Public Writing track will be open to non-majors.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Entrepreneurship (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Entrepreneurship

Unit: College of Business (BU) (<http://www.louisville.edu/business/>)  
Academic Plan Code(s): ENTRMINOR

The College of Business offers a minor in Entrepreneurship that is available to students from any academic unit.

Admission to the program is competitive. To be admitted to the minor, a student must meet the following requirements:

1. Have a cumulative GPA of at least 2.80 cumulative GPA,
2. Complete ENTR 350 with a grade of B-minus or better, and
3. Receive permission from the department.

### Program Requirements

Code	Title	Hours
ENTR 350	Entrepreneurship <sup>1</sup>	3
ENTR 401	Entrepreneurship I <sup>2</sup>	3
ENTR 402	Entrepreneurship II <sup>2</sup>	3
ENTR 403	Entrepreneurship III <sup>2</sup>	3
<b>Minimum Total Hours</b>		<b>12</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

For graduation with the minor, all required courses must be completed with a minimum GPA of 2.0 in the minor.

- <sup>1</sup> Must be completed with a grade of B-minus or better for admission to the minor.
- <sup>2</sup> Admission to the Entrepreneurship minor is a requirement for this course.

## Environmental Analysis (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Environmental Analysis

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Geography (<http://louisville.edu/geography/>)  
Academic Plan Code(s): ENVAMINOR

### Program Requirements

Code	Title	Hours
GEOS 200	The Global Environment - S	3
GEOS 363	Climate Science	3
GEOS 367	Geomorphology	3
GEOS 564	Hydrology	3
Select three of the following courses:		9
GEOG 350	Introduction to Mapping and Geospatial Technologies	

GEOG 355	Introduction to Remote Sensing	
GEOG 361	Sustainable Human Environments - WR	
GEOG 390	Special Topics <sup>1</sup>	
GEOG 558	Introduction to Geographic Information Systems	
GEOG 590	Special Topics <sup>1</sup>	
GEOS 220	Introduction to Weather and Climate - S	
GEOS 360	Global Environmental Change	
GEOS 365	Biogeography	
GEOS 565	Natural Hazards	
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

- <sup>1</sup> Must be an environmental topic.

## Environmental Health (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Environmental Health

Unit: School of Public Health & Information Sciences (<http://louisville.edu/sphis/>)  
Academic Plan Code(s): EH\_ \_MINOR

***The Environmental Health minor is not accepting new enrollments for the 2021-22 Academic Year.***

The Environmental Health minor will expose students to basic principles of how the environment affects health, how toxic materials are distributed in the environment, how environmental agents with adverse effects on health are measured, how these agents contribute to the burden of human disease, and how regulations pertinent to environmental health are devised and promulgated. Students will develop critical thinking skills necessary to evaluate environmental hazards and exposures, assess health risks, and formulate rational policy decisions.

The Environmental Health minor can be pursued as a type of specialization within the field of public health—e.g., by Public Health majors, as adjunct preparation for other health fields, such as medicine or nursing—or as an applied field of basic science, such as biology or chemistry. The goal of the program will be to provide students with a solid foundation for further education or careers related to environmental health.

### Program Requirements

Code	Title	Hours
<b>Core Courses</b>		
PHEH 301	Public Health and Our Environment	3
PHEH 305	Environmental Toxicology	3
PHEP 310	Environmental Epidemiology	1
PHEH 315	Environmental Health and Public Health Practices	2
PHEP 341	Epidemiological Concepts and Methods for Public Health	3
<b>Guided Electives</b>		
Select two of the following courses:		6

PHEH 320	Environmental Policy and Risk Assessment in Public Health
BIOL 263	Environmental Biology - B
BIOL 395	Basic Pharmacology
BIOL 363	Principles of Ecology
BIOL 372	Evolutionary Ecology of Disease
BIOL 440	Global Change Ecology - CUE
CHEM 425	Instrumental and Statistical Analysis
CHEM 445	Survey of Biochemistry
COMM 430	Health Communication - WR, CUE
GEOG 340	Environmental Conflict in the United States: Historical Foundations & Contemporary Problems - D1, SBH
GEOG 522	GIS and Public Health
GEOG 540	Geography and Human-Environment Interactions
GEOG 558	Introduction to Geographic Information Systems
SUST 201	Environmental Management

**Minimum Total Hours** **18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Epidemiology (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Epidemiology

Unit: School of Public Health & Information Sciences (<http://louisville.edu/sphis/>)

Academic Plan Code(s): EPIDMINOR

The Epidemiology minor provides students with the basic principles of epidemiology with an emphasis on: (1) epidemiologic measures of disease in populations; (2) the epidemiologic approach to surveillance, screening, investigation and control of disease outbreaks and epidemics; (3) the distribution and risk factors for major communicable and non-communicable diseases by person, time and place; (4) the interaction of genetics, environment and lifestyle in human health; (5) the history and critical role of epidemiology in advancing public health and medicine. Students will develop critical thinking skills necessary to evaluate information on health and disease generated by epidemiologists and its role in shaping public health policies and actions.

The minor in Epidemiology requires the completion of a minimum of 18 credit hours.

## Program Requirements

Code	Title	Hours
<b>Required Courses</b>		
PHEP 200	Disease Detectives	3
PHEP 300	Epidemics, Pandemics and Syndemics	3
PHEP 305	Psychiatric Epidemiology	3
PHEP 320	Climate Change, Environmental Degradation and the Epidemiology of Global Health	3
PHEP 341	Epidemiological Concepts and Methods for Public Health	3

**Electives (select one course from the following list):** **3**

PHEP 311	Environment and Cancer Epidemiology
PHEP 446	Applied Data Analysis for Epidemiology
PHEP 325	Introduction to Maternal and Child Health

**Minimum Total Hours** **18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

Students will be required to apply to the minor and maintain a minimum of a 2.0 GPA. Epidemiology is a quantitative science and applicants must have taken, at minimum, BIOL 350, CJ 326, IE 360, MATH 109, PHST 301, PSYC 301, SOC 301, or an equivalent with a minimum grade of B-.

## Equine Business (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Equine Business

Unit: College of Business (<http://www.louisville.edu/business/>) (BU)

Department: Equine Industry (<http://business.louisville.edu/equine/>)

Program Website (<https://business.louisville.edu/academics-programs/equine/>)

Academic Plan Code(s): EQINMINOR

The minor in Equine Business is open to all students at the University of Louisville.

Completion of business program prerequisites with a 2.8 GPA is required for acceptance into the Equine Business minor. Upon completion of the admission requirements and a formal application, the student is admitted into the minor based on the student's academic performance.

For graduation, in addition to all other degree requirements, a 2.0 GPA is required in the equine courses.

Students who are not enrolled in the College of Business, may contact Terri Burch at 852–4859 for more information about the minor.

## Program Prerequisites

Code	Title	Hours
ACCT 201	Principles of Financial Accounting	3
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
BSTA 301	Business Statistics (or equivalent coursework) <sup>1</sup>	3
CIS 205	Information Systems in Organizations	3

**Minimum Total Hours** **15**

## Program Requirements

Code	Title	Hours
CIS 305	Data Analysis for Decision-Making	3
EQIN 302	Equine Economics	3
EQIN 304	Equine Marketing	3
EQIN 340	Leadership in Equine Business	3
Equine Business (EQIN) electives <sup>2</sup>		3

**Minimum Total Hours** **15**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326

<sup>2</sup> Any Equine course except EQIN 402, EQIN 403 and Co-Op

## Exercise Science (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Exercise Science

Unit: College of Education and Human Development (<http://www.louisville.edu/edu/>)

Department: Health and Sports Sciences (HSS) (<http://www.louisville.edu/edu/hpes/>)

Academic Plan Code(s): ESSMMINOR

## Program Requirements

Code	Title	Hours
HSS 202	Human Anatomy & Physiology <sup>1</sup>	3
HSS 320	Growth and Motor Development Across the Lifespan	3
HSS 387	Biomechanics	3
HSS 388	Principles of Athletic Conditioning	3
HSS 394	Foundations of Exercise Physiology	3
HSS 395	Fitness Assessment and Prescription	3
HSS 396	Lab Methods in Fitness Evaluation	3
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

A 2.50 GPA is required in the minor, and all courses must be completed at a C-minus or above.

<sup>1</sup> BIOL 260 may be substituted.

## Film Studies and Production (Minor)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Film Studies and Production

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Communication (<http://comm.louisville.edu/department/>)  
Academic Plan Code(s): FSPRMINOR

## Program Requirements

Code	Title	Hours
HUM 224	Introduction to Film - AH, D2	3
HUM 324	Approaches to Film Interpretation	3
COMM 335	Video Communication	3
or COMM 238	Introduction to Film Production	
COMM 336	Video Communication II	3
or COMM 339	Fiction Film Production	
Select two courses from the following: <sup>2</sup>		6
CHST 335	China Through Film - AH, D2	
FREN 329	Paris in Literature and Film	
HUM 325	Survey of Film and Culture	
HUM 326	Studies in Film and Culture <sup>1</sup>	
HUM 524	Special Topics in Film Study <sup>1</sup>	
PAS 341	Black Film and Literature - AH, D1	
COMM 326/ PAS 312	African Americans in American Media	
POLS 552	Politics through Film	
<b>Minimum Total Hours</b>		<b>18</b>

No more than six (6) hours taken to fulfill this minor may also be applied to the student's major program.

A minimum of three (3) hours for the minor must be completed while enrolled at the University of Louisville.

<sup>1</sup> May be taken twice with two different topics.

<sup>2</sup> In addition to the listed electives, relevant special topics courses at or above the 300-level may be counted in the minor with the approval of the Director of Film Studies and Production.

## Finance (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Finance

Unit: College of Business (<http://business.louisville.edu/>) (BU)

Department: Finance (<http://business.louisville.edu/finance/>)

Academic Plan Code(s): FIN\_MINOR

The College of Business offers a minor in Finance available to all UofL students. Completion of program prerequisites with a 2.8 grade point average and a 2.8 cumulative grade point average is required before enrolling in the Finance minor program core courses.

For graduation (in addition to all other degree requirements) a 2.0 GPA is required in the Finance minor courses.

## Program Requirements

Code	Title	Hours
<b>Program Prerequisites</b>		
<i>Non-Business students must have a 2.8 GPA in Program Prerequisites before applying for the minor.</i>		

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
BSTA 301	Business Statistics (previously BSTA 201) <sup>1</sup>	3
MATH 180	Elements of Calculus - QR <sup>2</sup>	3
<b>Finance Core</b>		
CIS 205	Information Systems in Organizations	3
CIS 305	Data Analysis for Decision-Making	3
FIN 301	Corporate Finance	3
FIN 370	International Finance	3
FIN 401	Investments	3
FIN 433	Financial Markets and Institutions	3

**Minimum Total Hours** 36

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

2.0 GPA in Finance minor program core coursework and a 2.0 cumulative UofL GPA are required for graduation.

<sup>1</sup> The following courses will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326

<sup>2</sup> Math 205 or equivalent will also meet the Math 180 requirement.

## Forensic Anthropology (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Forensic Anthropology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Anthropology (<http://www.louisville.edu/a-s/anthro/>)

Academic Plan Code(s): FORSMINOR

## Program Requirements

Code	Title	Hours
ANTH 202	Biological Anthropology - S	3-4
or ANTH 207	Principles of Biological Anthropology - B	
ANTH 204	Archaeology - D2, SB	3-4
or ANTH 206	Principles of Archaeology - B	
ANTH 327	The Human Skeleton	3
ANTH 410	Skeletal Forensics	3
CHEM 201	General Chemistry I - S	3
or BIOL 260	Human Anatomy & Physiology I	
Select two of the following courses:		6
ANTH 329	Zooarchaeology	
ANTH 354	Anthropology of Infectious Disease	
ANTH 377	Field Methods in Archaeology	
ANTH 401	Cooperative Internship in Anthropology	
ANTH 510	Methods in Biological Anthropology - WR <sup>1</sup>	
ANTH 512	Methods in Skeletal Forensics - WR <sup>1</sup>	
CJ 355	Criminalistics	
CJ 425	Profiling Violent Crimes	

PSYC 383	Forensic Psychology
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**Minimum Total Hours** 21-23

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Meets the A&S upper-level requirement in written communication (WR)

## French (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in French

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Classical and Modern Languages (<https://louisville.edu/modernlanguages/>)

Academic Plan Code(s): FRENMINOR

## Program Requirements

Code	Title	Hours
FREN 320	French Skills Overview	3
FREN 321	French Conversation	3
FREN 322	Written Expression - WR	3
Electives in French at the 300 level or above		9

**Minimum Total Hours** 18

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Geography (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Geography

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Geographic and Environmental Sciences (<http://louisville.edu/geography/>)

Academic Plan Code(s): GEOGMINOR

## Program Requirements

Code	Title	Hours
GEOG 200	Human Geography in a Changing World - SB, D2	3
Select one of the following courses:		3
GEOG 350	Introduction to Mapping and Geospatial Technologies	
GEOG 355	Introduction to Remote Sensing	
GEOG 558	Introduction to Geographic Information Systems	
Select one advanced Social Geography course from the following:		3
GEOG 327	Economic Geography	
GEOG 328	Urban Geography	
GEOG 331	Population Geography	
GEOG 530	Transportation Geography	

Select one advanced Geosciences course from the following: 3

GEOS 363	Climate Science	
GEOS 365	Biogeography	
GEOS 367	Geomorphology	
Electives in Geography or Geosciences		9
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## German (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in German

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<http://louisville.edu/modernlanguages/>)  
Academic Plan Code(s): GERMINOR

## Program Requirements

Code	Title	Hours
GER 123	Basic German III	4
GER 201	Intermediate German I	3
GER 202	Intermediate German II	3
GER 321	German Conversation and Composition I	3
Select two of the following courses:		6
GER 311	Independent Study	
GER 280	Culture of the German-Speaking World - D2, AH	
or M L 280	Culture of the German-Speaking World - AH, D2	
GER 313	Special Topics in German Literature, Language, and Culture	
GER 322	German Conversation and Composition II	
GER 599	Special Topics	
M L 330	The Power of Language(s): Social, Political, and Cultural Dimensions	
<b>Minimum Total Hours</b>		<b>19</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Global Public Health (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Global Public Health

Unit: College of Arts and Sciences (<http://louisville.edu/artsandsciences/>); School of Public Health and Information Sciences (<http://louisville.edu/sphis/>)  
Department: Liberal Studies (<http://louisville.edu/liberalstudies/>)  
Academic Plan Code(s): GLPHMINOR

## Program Information

A collaboration between the Department of Anthropology, the School of Public Health and Information Sciences, and the Program in Liberal

Studies – the Individualized Majors Program, the minor in Global Public Health is designed to familiarize students with global public health from a liberal arts perspective. The minor includes an introduction to relevant theoretical frameworks from public health, global health, and social medicine. The program is intended to complement study in major fields across the University by students interested in health problems, professions, and policies. Housed administratively within the Program in Liberal Studies, the minor is available to students within any major; students in the Program in Liberal Studies can use the minor to anchor their interdisciplinary program.

## Program Requirements

Code	Title	Hours
ANTH 351	Medical Anthropology	3
ANTH 354	Anthropology of Infectious Disease	3
PHPH 301	Global Public Health - SBH, D2	3
PHEP 341	Epidemiological Concepts and Methods for Public Health	3
<b>Health Studies Electives</b>		
Select three of the following (no more than 6 credit hours from a single department):		9
ANTH 305	Genes, Peoples and Evolution	
ANTH 306	Human Biological Variation	
ANTH 309	Sex, Gender and Culture	
ANTH 310	Race, Culture, Identity	
ANTH 315	The Anthropology of Europe - SB	
ANTH 317	Anthropology of China - D2, SB	
ANTH 319	Cultures of the Middle East	
ANTH 323	Cultures of Africa - SB, D2	
ANTH 325	The Anthropology of Latin America - SB, D2	
ANTH 332	Ecology, Politics and Culture	
ANTH 333	Globalizing Inequalities - WR	
ANTH 338	Anthropology of Refugees	
ANTH 340	Human Rights	
ANTH 352	Food and Body Politic	
ANTH 534	Food and Farm Movements in the Americas	
ANTH 535	Nutritional Anthropology	
ANTH 540	Health and Civilization	
BIOL 553	Chronic Disease Biology	
COMM 430	Health Communication - WR, CUE	
GEOG 520	Geography and Nutrition Among African and African-American Populations	
GLPH 401	Cooperative Internship in Global Public Health (Humanities)	
GLPH 402	Cooperative Internship in Global Public Health (Social Sciences)	
GLPH 403	Cooperative Internship in Global Public Health (Natural Sciences)	
GLPH 405	Independent Study in Global Public Health Studies (Humanities)	
GLPH 406	Independent Study in Global Public Health Studies (Social Sciences)	
GLPH 407	Independent Study in Global Public Health Studies (Natural Sciences)	
PAS 366	Inequality and Health: The Black Experience	

PHIL 323	Medical Ethics
PHIL 581	Current Controversies in Health Care Ethics
PHIL/WGST 582	Gender, Race, and Culture in Health Care
PSYC 312	Social Psychology
PSYC 366	Multicultural Psychology - WR
PSYC 581	Introduction to Health Psychology
SOC 305	Urban Sociology
SOC 306	Demography
SOC 307	Rural Sociology
SOC 315	Environmental Sociology
SOC 323	Diversity and Inequality
SOC 325	Sociology of Human Sexuality
SOC 327	Sociology of Gender
SOC 329	Sociology of Families
SOC 340	Mental Health and Illness
SOC 342	Medical Sociology
SOC 343	Sociology of Women's Health
WGST 312	Sociology of Women's Health
WGST 360	Philosophy and Feminism - D1, AH
WGST 394	Lectures in Women's, Gender and Sexuality Studies
WGST 458	Women: International Perspective
WGST 364	Women's Health Issues - D1, SB
WGST 540	Women's Health in Africa - WR

**Minimum Total Hours** **21**

Alternative electives may be used if approved in advance by the Director or the Assistant Director of the Global Public Health program. Consult the Department of Anthropology or the School of Public Health and Information Sciences Advising Office for details.

Up to, but no more than, six credit hours from a student's major may count towards the minor.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Health, Medicine and Well-Being (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Health, Medicine and Well-Being

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Sociology (<https://louisville.edu/sociology/>)  
Academic Plan Code(s): HMW MIN

Admission to the minor in Health, Medicine and Well-Being requires:

1. Completion of SOC 320 or SOC 323 with a grade of C or better;
2. A minimum cumulative grade point average of 2.0; and
3. A minimum grade point average of 2.0 in any courses in Sociology.

Completion of the minor requires completion of SOC 320 and SOC 323 with a grade of C or better.

## Program Requirements

Code	Title	Hours
SOC 201	Introduction to Sociology - SB	3
SOC 320	Social Theory - WR	3
SOC 323	Diversity and Inequality	3
Select two electives at the 300+ level:		
Select one course from the following:		
SOC 305	Urban Sociology	3
SOC 306	Demography	
SOC 315	Environmental Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 334	Sociology of Deviant Behavior	
Select one course from the following:		
SOC 340	Mental Health and Illness	3
SOC 342	Medical Sociology	
SOC 343	Sociology of Women's Health	
SOC 350	Special Topics in Sociology <sup>1</sup>	
Select two electives at the 400 level:		
SOC 410	Sociology of Aging - CUE	6
SOC 415	Sociology of Death & Dying - CUE	
SOC 425	Sociology of Leisure - CUE	
SOC 435	Sociology of Health and Illness - CUE	
SOC 440	The Health Care System - CUE	
SOC 442	Sociology of Disabilities	
SOC 450	Special Topics in Sociology - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	

**Minimum Total Hours** **21**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> SOC 350 may only be used if its topic relates to health, medicine and well-being.

## Healthcare Leadership (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Healthcare Leadership

Unit: College of Education and Human Development (<http://louisville.edu/education/>)  
Department: Educational Leadership, Evaluation and Organizational Development (<https://louisville.edu/education/departments/eleod/>) (ELEOD)  
Academic Plan Code(s): HCLSMIN

This program can be completed entirely online.

Admission to the minor in Healthcare Leadership requires completion of 24 credit hours, a cumulative GPA of 2.7, and a minimum of one year's of

healthcare experience across a wide variety of organizational settings. Applicants who do not meet these minimum requirements may petition the department for consideration of admission.

## Program Requirements

Code	Title	Hours
LEAD 309	Managing Projects in Healthcare Organizations	3
LEAD 410	Fundamentals of Healthcare Human Resource Management	3
LEAD 430	Healthcare Finance and Accounting	3
LEAD 432	Healthcare Quality Evaluation	3
<b>Minimum Total Hours</b>		<b>12</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

The program is offered in two distinct enrollment pathways: Flex Option and Term Option.

**Term Option:** In this pathway, students enroll in half-semester courses and complete each course within a predetermined time frame. This option is for students who wish to follow a more structured and traditional university schedule while taking advantage of accelerated sessions. Two sessions will be available in Fall and Spring and multiple sessions will be available in Summer.

Students may start the program at the beginning of the Fall and Spring terms, or before the second half-semester in Fall or Spring terms, as well as multiple offerings in the summer semester. This allows student to start the Term Option program several times per year, and enroll in half-semester session courses. All coursework in the Term-Option Pathway must be completed within the half-semester session period. Tuition and fees in Term-Option enrollments may be refunded in accordance with normal university policies.

**Flex Option:** This is the current pathway for students wishing to pursue the Competency-Based Education model (CBE). In Flex Option, students have 32 weeks to move through the program materials at their own pace. Many students value this level of flexibility. This path places the responsibility on the student to set and maintain their own pace to finish the materials on time. Students may enroll in additional CBE courses as soon as all previously enrolled courses are completed to expedite program completion. Financial Aid is dependent on timely completion.

Students may start the program on the first Tuesday of every month (except December). Students in this program will register for all major and track courses with their assigned Success Coach. All tuition and fees for CBE courses are non-refundable when a student begins a CBE course.

The CBE course term begins with enrollment and the onset of academic activity. Flex Option/CBE courses are student self-paced, but students must complete enrolled CBE courses within 32 weeks. A student cannot withdraw from a CBE course once started.

## Healthcare Management (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Healthcare Management

Unit: School of Public Health & Information Sciences (<http://louisville.edu/sphis/>)

Academic Plan Code(s): HCMGMIN

The undergraduate minor in Healthcare Management provides an opportunity for the integration of knowledge derived from other undergraduate programs with the minor coursework to develop student competencies to more effectively serve in healthcare organizations and/or pursue graduate healthcare management education.

The Healthcare Management undergraduate minor provides students essential knowledge for participation in the healthcare sector of the economy with course content focused in healthcare systems and organizations, health policy and law, public health, healthcare finance, and ethics.

Admission to the program requires the completion of at least 60 hours of degree-applicable credits with a minimum cumulative GPA of 3.0.

The program consists of 6 required courses totaling 18 credit hours.

Completion of the minor requires a minimum grade of C-minus in all course work applied to the minor.

Code	Title	Hours
<b>Program Requirements</b>		
PHMS 301	Introduction to the U.S. Healthcare Delivery Systems	3
PHMS 410	Public Health Law and Ethics	3
PHMS 505 or PHMS 505 (graduate section)	Governance and Management of Healthcare Organizations*	3
PHPH 401	Public Health and Health Policy	3
PHPH 420	Practice of Public Health	3
PHMS 509	Health Finance and Financial Management (or PHMS 509 GRAD section)*	3
<b>Minimum Total Hours</b>		<b>18</b>

\* PHMS 505 (graduate section) and PHMS 509 (graduate section) are recommended for students interested in pursuing graduate study in Healthcare Administration. Students that receive a grade of B or higher in PHMS 505 (graduate section) and PHMS 509 (graduate section) may be granted a waiver of this coursework in the University of Louisville MSHA program, should they apply and be accepted into that program

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## History (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in History

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: History (<http://louisville.edu/history/>)  
Academic Plan Code(s): HISTMINOR

## Program Requirements

Code	Title	Hours
Select two (2) of the following:		6
HIST 101	History of Civilizations I - D2, SBH	
HIST 102	History of Civilizations II - D2, SBH	

or HIST 103 The World Since 1900 - D2, SBH

HIST 104	American History I - SBH, D1	
HIST 105	American History II - SBH, D1	
Two (2) electives from The Americas area at 300 level or above <sup>1</sup>		6
Two (2) electives from The World area at 300 level or above <sup>2</sup>		6

**Minimum Total Hours** **18**

- <sup>1</sup> 300+ level courses in the history of the Caribbean, Latin America, and/or the United States.
- <sup>2</sup> 300+ level courses in the history of Africa, Asia, Europe, Latin America, and/or the Middle East.

At least three (3) hours of the courses for the minor must be at the 500 level.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Humanities (Minor)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Humanities

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Comparative Humanities (<http://louisville.edu/humanities/>)  
Academic Plan Code(s): HUM\_MINOR

## Program Requirements

Code	Title	Hours
One 100- or 200-level HUM course		3
One 300-level HUM course <sup>1</sup>		3
One 500-level HUM course		3
Three HUM or LING courses (at any level)		9

**Minimum Total Hours** **18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

- <sup>1</sup> Includes LING 330.

## International Business (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in International Business

Unit: College of Business (BU) (<http://business.louisville.edu/>)  
Academic Plan Code(s): IBUSMINOR

**The Minor in International Business program is open to College of Business students only.**

If academically planned, the International Business minor course requirements can be incorporated within the undergraduate degree program requirements.

An international experience is required for the minor. Contact the College of Business advising center for details.

## Program Requirements

Code	Title	Hours
Foreign Language Requirement <sup>1</sup>		12
Select two International Business Courses: <sup>2</sup>		6
ECON 431	International Trade	
ECON 439	Emerging Market Economies	
FIN 370	International Finance	
MKT 311	Supply Chain Management	
MKT 370	Global Marketing	
Select one Arts & Sciences International Course: <sup>2</sup>		3
ANTH 317	Anthropology of China - D2, SB	
ANTH 319	Cultures of the Middle East	
ANTH 323	Cultures of Africa - SB, D2	
ANTH 324	Iberian Anthropology	
ANTH 325	The Anthropology of Latin America - SB, D2	
ANTH 347	Global Capitalisms	
HIST 102	History of Civilizations II - D2, SBH	
HIST 309	Europe from 1800 to the Present	
HIST 332	Latin America, 1820 to Present	
HIST 361	Modern Jewish History: The 20th Century	
HIST 362	The United States and the Middle East	
HIST 364	Russian History II	
HIST 369	History of France, 1799 to the Present	
HIST 394	African History Since 1800 - SBH, D2	
HIST 395	Contemporary Africa	
HIST 396	History of India	
HIST 398	Modern China	
HUM 216	Introduction to World Religions - D2, AH	
HUM 306	Survey of Islamic Thought, Religion and Culture	
HUM 307	East Asian Cultures - D2, AH	
HUM 316	Modern Islamic Thought	
HUM 317	Modern Jewish Thought	
HUM 381	Russian Culture	
HUM 384	Cultures of Modern Africa	
PAS 394	African History Since 1800 - SBH, D2	
PAS 395	Contemporary Africa	

POLS 202	Introduction to Comparative Politics - SB, D2
POLS 330	International Relations
POLS 331	The United Nations and International Organization - WR
POLS 332	International Law - WR
POLS 334	The Politics of Global Economic Relations
POLS 336	Politics of European Integration and Foreign Policy
POLS 340	Politics and Government of Western Europe
POLS 345	Russia and Eurasia - WR
POLS 349	Comparative Political Culture - WR
POLS 350	African Government and Politics
POLS 355	Introduction to Middle East Politics
POLS 362	Comparative Political Economy
POLS 365	The People's Republic of China - D2, SB, WR
POLS 366	Politics of East Asia - SB, D2
POLS 367	Politics and Government of Southeast Asia
POLS 371	Latin America in the World

**Minimum Total Hours** 21

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

2.0 GPA in minor program coursework is required for graduation with the International Business minor.

- 1 A minimum of 8 hours must be in the same language.
- 2 Three (3) hours of Arts & Science International course requirements will be waived if a student participates in a Study Abroad Program with approval by the College of Business. The duration of the program must be a minimum of three months.

## Italian (Minor)

### Minor in Italian

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<https://louisville.edu/modernlanguages/>)  
Academic Plan Code(s): ITALMINOR

*The Italian minor program is not currently accepting applications for admission.*

## Program Requirements

Code	Title	Hours
ITAL 123	Basic Italian III	4
ITAL 321	Italian Conversation	3
ITAL 322	Italian Composition	3
Electives in Italian at the 300 level or above		9
<b>Minimum Total Hours</b>		<b>19</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Japanese (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Japanese

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<https://louisville.edu/modernlanguages/>)  
Academic Plan Code(s): JAPNMIN

## Program Requirements

Code	Title	Hours
JAPN 202	Intermediate Japanese II	3
JAPN 301	Advanced Japanese I	3
JAPN 302	Advanced Japanese II	3
Select three of the following:		9
JAPN 313	Special Topics in Japanese Literature, Language, and Culture	
JAPN 321	Japanese Conversation	
JAPN 322	Japanese Composition I	
JAPN 323	Japanese Composition II	
JAPN 331	Introduction to Japanese Culture	
JAPN 355	Reading Japanese Texts	
JPST 310	Japanese Culture Through Film - D2, AH	
JPST 311	Contemporary Japanese Culture - SB, D2	
JPST 312	Japanese Popular Culture - D2, AH	
JPST 313	Special Topics in Japanese Studies	

**Minimum Total Hours** 18

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Jewish Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Jewish Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Comparative Humanities (<http://louisville.edu/humanities/>)  
Academic Plan Code(s): JS\_ \_MINOR

The student may choose either the Cultural Studies or the Language and Culture option.

For either options, at least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Program Requirements

### Jewish Cultural Studies Option

Code	Title	Hours
HUM 309	Survey of Jewish Thought, Religion and Culture - WR	3
<b>Jewish Studies Electives</b> <sup>1</sup>		

Select five of the following:		15
HIST 360	The Origins of Islam	
HIST 361	Modern Jewish History: The 20th Century	
HUM 220	Introduction to Jewish Cultures - D2, AH	
HUM 311	Hebrew Bible/ Old Testament	
HUM 315	Alternative Judaisms - AH, D2	
HUM 317	Modern Jewish Thought	
HUM 361	Selected Topics	
HUM 362	Selected Topics	
HUM 387	The Holocaust, Genocide, and Global Imagination - D2, SBH	
HUM 511	Topics in the Interpretation of Sacred Texts	
HUM 512	Topics in Contemporary Religious Thought	
HUM 513	Topics in Comparative Religions	
HUM 514	Perspectives on Religious Coexistence and Conflict	
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	

**Minimum Total Hours** 18

### Jewish Language and Culture Option

Code	Title	Hours
HEBR 201 & HEBR 202	Intermediate Hebrew I & II <sup>2</sup>	6
HUM 309	Survey of Jewish Thought, Religion and Culture - WR	3

#### Jewish Studies Electives <sup>3</sup>

Select three of the following:		9
HIST 360	The Origins of Islam	
HIST 361	Modern Jewish History: The 20th Century	
HUM 220	Introduction to Jewish Cultures - D2, AH	
HUM 311	Hebrew Bible/ Old Testament	
HUM 315	Alternative Judaisms - AH, D2	
HUM 317	Modern Jewish Thought	
HUM 361	Selected Topics	
HUM 362	Selected Topics	
HUM 387	The Holocaust, Genocide, and Global Imagination - D2, SBH	
HUM 511	Topics in the Interpretation of Sacred Texts	
HUM 512	Topics in Contemporary Religious Thought	
HUM 513	Topics in Comparative Religions	
HUM 514	Perspectives on Religious Coexistence and Conflict	
HUM 590	ST: Interdisciplinary Perspectives on the Humanities - WR	

**Minimum Total Hours** 18

<sup>1</sup> Students should take four courses in Ancient/Modern Jewish History and Society (to be designated as such and published by the Jewish Studies program director each semester). Students are strongly encouraged to take at least one course in Ancient Jewish History and Society and at least one course in Modern Jewish History and Society.

<sup>2</sup> The equivalent in Arabic or Yiddish may also be accepted with the permission of the Jewish Studies advisor.

<sup>3</sup> Students should take four courses in Ancient/Modern Jewish History and Society (to be designated as such and published by the Jewish Studies program director each semester). Students are strongly encouraged to take at least one course in Ancient Jewish History and Society and at least one course in Modern Jewish History and Society.

## Latin American and Latino Studies (Minor)

This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Latin American and Latino Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Program: Latin American and Latino Studies (<http://louisville.edu/latinamericanstudies/>)

Academic Plan Code(s): LSLAMINOR

## Program Requirements

Code	Title	Hours
LALS 310	Introduction to Latin American Studies - SB, D2	3
LALS 311	Introduction to Latino Studies - SB, D1	3
LALS 400	Latin American and Latino Studies Internship - WR, CUE	3
Spanish or Portuguese course at the 200 level or above		3
Select one course in a Humanities area from the following:		3
ARTH 342	Selected Topics in Art History <sup>1</sup>	
ARTH 365	Mexican Art and Architecture	
ARTH 542	Special Topics <sup>1</sup>	
ARTH 544	Pan-African Art: Form and Content	
ENGL 369	Minority Traditions in American Literature - D1, AH	
ENGL 373	Women and Global Literature - D2, AH	
ENGL 549	Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE	
ENGL 554	Women's Personal Narratives - CUE	
HON 336	Honors Seminar in Humanities - WR <sup>1</sup>	
HUM 377	African-American Religion - AH, D1	
HUM 380	Culture of Iberia-Latin America	
HUM 382	Native American Cultures	
HUM 562	Selected Topics <sup>1</sup>	
LALS 200	Exploring Latin America - D2, AH	
LALS 313	Panamanian Culture - SB, D2	
M L 260	Cultures of Latin America - AH, D2	
M L 313	Special Topics in Language, Literature, or Culture	
M L 356	Latin American Literature	
M L 551	Special Topics	
SPAN 313	Special Topics in Spanish Literature, Language, and Culture <sup>1</sup>	
SPAN 403	Foundations of Latin American Nations and Identities	

SPAN 404	Cultural and Literary Perspectives on Modern Latin America		
SPAN 499	Special Topics in Spanish Culture, Literature and Linguistics <sup>1</sup>		
SPAN 524	Introduction to Hispanic Linguistics		
SPAN 527	Latin American Literature: Colonial Period through 19th Century		
SPAN 528	Contemporary Spanish-American Theatre		
SPAN 529	Spanish-American Poetry		
SPAN 530	Spanish-American Narrative		
SPAN 554	Hispanic Culture through Film and Media		
SPAN 599	Special Topics <sup>1</sup>		
TA 326	Cultural Diversity in Performance - D1, AH		
TA 365	Theatre of the African World - D2, AH		
TA 555	Special Topics in Theatre		
Select one course in Social Sciences from the following:		3	
ANTH 316	Ancient Civilizations of Mesoamerica		
ANTH 325	The Anthropology of Latin America - SB, D2		
ANTH 333	Globalizing Inequalities - WR		
ANTH 338	Anthropology of Refugees		
ANTH 562	Special Topics in Cultural Anthropology		
COMM 450	Advanced Intercultural Communication - CUE, WR		
COMM 510	Special Topics in Communication Studies <sup>1</sup>		
GEOG/LALS 510	Urbanism in the Global South: Cities and Space		
HIST 310	Studies in History		
HIST 331	Colonial Latin America		
HIST 332	Latin America, 1820 to Present		
HIST 333	Women in Latin American History		
HIST 503	Advanced Studies in History		
HIST 533	Twentieth-Century Latin America - WR, CUE		
HIST 534	The U.S. and Latin America - CUE, WR		
HIST 535	The History of Mexico: Pre-Columbian to the Present - WR, CUE		
HON 436	Honors Seminar in Humanities - WR <sup>1</sup>		
HON 446	Honors Seminar in Social Sciences - WR <sup>1</sup>		
LALS 317	Social Sciences Special Topics in Latino Studies		
LALS 321	Social Science Special Topics in Latin American Studies		
MKT 370	Global Marketing		
PAS 206	Introduction to Caribbean Studies - D2, SB		
PAS 219	Survey of Brazilian Music		
PAS 227	Survey of American Diversity - D1, SB		
PAS 247	Language, Protest and Identity - D1, SB		
PAS 329	Slave Trade and Slavery		
PAS 346	African Languages in the Diaspora - SB, D1		
PAS 360	African Diaspora in the Caribbean and Latin America		
PAS 392	Faces of Global Poverty - WR		
PAS 396	History of the Caribbean		
PAS 505	The Black Atlantic		
PAS 510	Advanced Topics in Afro-American and African Studies		
PAS 532	Slave Trade and Slavery in the African World		
PAS 533	The History and Popular Culture of the African Diaspora		
PAS 542	Black Women's Voices - WR		
PAS 547	Language, Race, Class and Gender		
PAS 581	Pan-African Art: Form and Content		
POLS 315	Race, Law and Politics - SB, D1		
POLS 330	International Relations		
POLS 331	The United Nations and International Organization - WR		
POLS 332	International Law - WR		
POLS 336	Politics of European Integration and Foreign Policy		
POLS 337	Law, Diplomacy and Power: The Foreign Relations of the U.S.		
POLS 370	Latin American Politics - SB, D2		
POLS 371	Latin America in the World		
POLS 506	Topics in International Relations		
POLS 530	International Negotiation		
POLS 563	Women in Developing Countries - WR		
SOC 210	Race in the United States - SB, D1		
SOC 323	Diversity and Inequality		
SOC 392	Faces of Global Poverty - WR		
SOC 454	Social Inequality & Stratification - WR, CUE		
SOC 464	Race and Ethnicity - WR, CUE		
WGST 333	Women in Latin American History		
WGST 343	Faces of Global Poverty - WR		
WGST 401	Community Internship		
WGST 520	Women's Personal Narratives		
WGST 558	Women in Developing Countries - WR		
WGST 593	Topics in Women's, Gender and Sexuality Studies: Humanities		
Elective with a substantial Latin American content <sup>2</sup>		3	
<b>Minimum Total Hours</b>			<b>21</b>

Course substitutions must be approved by the Director of Latin American and Latino Studies program.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Special Topics Courses – content varies by semester. Subject to advisor approval.

<sup>2</sup> The electives may be fulfilled by taking additional courses one of the courses listed above.

## Leadership (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Leadership

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Military Science (<http://louisville.edu/armyrotc/>)  
Academic Plan Code(s): MILSMINOR, MIL2MINOR

## Program Requirements

The Leadership minor is offered with two different tracks—for students with or without prior military service.

For either track, at least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

### Track I (MILSMINOR)

For students with no prior military service

Code	Title	Hours
MILS 101	Leadership and Adventure I	1
MILS 102	Leadership and Adventure II	1
MILS 201	Intermediate Leadership Skill Development I	2
MILS 202	Intermediate Leadership Skill Development II	2
MILS 301	Leadership and Management	3
MILS 302	Theory and Dynamics of the Military Team	3
MILS 401	Mission Command and the Army Profession	3
MILS 402	Mission Command and the Company Grade Officer	3
HIST 327	American and U.S. Military History to 1877	3
or HIST 328	American and U.S. Military History Since 1877	
<b>Physical Training</b>		
Select two of the following:		2
MILS 311	Army Physical Fitness I	
MILS 312	Army Physical Fitness II	
MILS 411	Army Physical Fitness III	
MILS 412	Army Physical Fitness IV	
<b>Minimum Total Hours</b>		<b>23</b>

### Track II (MIL2MINOR)

For students with two or more years prior military service or completion of basic training.

Students in this track are exempt from MILS 101, MILS 102, MILS 201, and MILS 202.

Code	Title	Hours
MILS 301	Leadership and Management	3
MILS 302	Theory and Dynamics of the Military Team	3
MILS 401	Mission Command and the Army Profession	3
MILS 402	Mission Command and the Company Grade Officer	3
HIST 327	American and U.S. Military History to 1877	3
or HIST 328	American and U.S. Military History Since 1877	
<b>Physical Training</b>		
Select two of the following:		2
MILS 311	Army Physical Fitness I	
MILS 312	Army Physical Fitness II	
MILS 411	Army Physical Fitness III	
MILS 412	Army Physical Fitness IV	
Select three hours from the following:		3
HIST 314	History of US Foreign Relations II	
HIST 362	The United States and the Middle East	
HIST 376	War in the Modern Middle East - WR	

HIST 386	Modern Germany, 1848-1945: The Struggle for Unity
HIST 522	The American Revolution and the Confederation - WR, CUE
HIST 524	United States Civil War and Reconstruction - CUE, WR
HIST 559	U.S. and the Cold War Policy - WR, CUE
HIST 563	The Middle Eastern Wars - CUE, WR
POLS 330	International Relations
POLS 333	American Foreign Policy
POLS 338	National and International Security: Issues and Policies

**Minimum Total Hours** 20

## Leadership and Talent Development (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Leadership and Talent Development

Unit: College of Education and Human Development (<http://louisville.edu/education/>)

Department: Educational Leadership, Evaluation and Organizational Development (<https://louisville.edu/education/departments/eleod/>) (ELEOD)

Academic Plan Code(s): LSTDMIN

Admission to the minor in Leadership and Talent Development requires a cumulative GPA of 2.25. Students enrolled in the minor will need to earn a C or better for each course to count towards the minor. Students must maintain the 2.25 GPA that is required in the minor.

## Program Requirements

Code	Title	Hours
<b>Core Courses</b>		
LEAD 110	Introduction to Leadership	3
LEAD 220	Data Analytics in Organizations	3
LEAD 340	Talent Acquisition and Development	3
LEAD 341	Managing Projects in the Workplace	3
Select two courses from the following:*		6
MILS 101	Leadership and Adventure I	
PEAC 201	Peace and Conflict: For Daily Life, Civic Affairs, and Professional Life Ahead - SB, D2	
SOC 203	Introduction to Social Psychology - SB	
MGMT 301	Management and Organizational Behavior	
ANTH 310	Race, Culture, Identity	
COMM 312	Group Process	
LEAD 314	Diversity in the Workplace - SB, D1	
HIST 322	The History of the Civil Rights Movement, 1900 to Present	
HIST 323	Modern American Social Movements	
SPAD 382	Sport Management and Leadership	
SPAD 383	Sport Marketing	
ECPY 355	Developing Campus Leadership	

JA 383	Police Leadership Development
LEAD 412	Coaching and Talent Development
LEAD 442	Supporting Organizational Change
CJ 477	Organizational Behavior in Law Enforcement
LEAD 490	Leadership and Management
LEAD 578	Workplace and Information Ethics
CJ 578	Criminal Justice Leadership - WR
PSYC 430	Psychology of Peace & Ethnic Relations - CUE

**Minimum Total Hours** **18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

\* Other elective classes may be approved by advisor.

## LGBTQ Studies (Minor)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in LGBTQ Studies

Unit: Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Women's, Gender and Sexuality Studies (<http://louisville.edu/wgs/>)

## Program Requirements

Code	Title	Hours
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	3
Select four courses from the following: <sup>1</sup>		12
WGST 302	LGBTQ and Applied Healthcare	
WGST 323	Queer Politics	
WGST 344	Black Lesbian Lives	
WGST 313/ SOC 327	Sociology of Gender	
WGST 316	Gender, Sexuality & Law	
WGST/ENGL 375	LGBTQ Literature in the United States - AH, D1	
WGST 508	Queer Performance	
WGST/HIST/ PAS/SCHG 513	U.S. Social Justice Movements	
WGST 532	History of American Sexualities - WR	
Select one of the following:		3

WGST 401	Community Internship
WGST 589	Independent Study: Women's, Gender and Sexuality Studies-Humanities
WGST 590	Independent Study: Women's, Gender and Sexuality Studies-Social Sciences

**Minimum Total Hours** **18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Topics courses in Women's, Gender and Sexuality Studies may be substituted for one or more of these courses, with approval of the department chair

## Linguistics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Linguistics

Unit: College of Arts and Sciences (AS) (<https://www.louisville.edu/artsandsciences/>)

Department: Comparative Humanities (<https://louisville.edu/humanities/>)  
Academic Plan Code(s): LINGMINOR

## Program Requirements

Code	Title	Hours
<b>Core Courses</b>		
LING/ENGL 325	Introduction to Linguistics	3
Select two courses from the following:		6
LING 327	Languages of the World - D2, AH	
LING 328	Language Acquisition	
LING/ENGL 330	Language and Culture - D1, AH	
LING/PHIL 341	Philosophy of Language - WR	
LING 390	Special Topics in Language <sup>1</sup>	
<b>Upper-Level Focus</b>		<b>6</b>
Select two courses from the following:		
LING 503	Syntax	
LING 506	Historical and Comparative Linguistics	
LING 510	Phonetics and Phonology	
LING/ENGL 520	World Englishes	
LING/ENGL 522	Structure of Modern English	
LING/ENGL 523	History of the English Language	
LING/PSYC 524	Psycholinguistics	
LING/ENGL 535	Topics in Applied Linguistics	
LING/ENGL 570	Language and Social Identity	
LING 590	Special Topics in Linguistics	

Approved LING elective <sup>2</sup>	3
<b>Minimum Total Hours</b>	<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> As approved by Linguistics Advisor

<sup>2</sup> Electives may include 1) another course from the Upper-Level Focus list (see above), 2) FREN 522 or SPAN 524, or 4) another LING course approved by Linguistics Advisor.

## Management (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Management

Unit: College of Business (BU) (<http://www.louisville.edu/business/>)  
Department: Management (<http://business.louisville.edu/management/>)  
Academic Plan Code(s): MGMTMINOR

The College of Business offers a minor in management available to all UofL students. For non-business majors, a 2.5 cumulative GPA.

For graduation, in addition to all other degree requirements, a 2.0 GPA in Management minor program core coursework and a 2.0 cumulative UofL GPA are required for graduation.

## Program Requirements

Code	Title	Hours
<b>Program Prerequisites</b>		
ECON 201	Principles of Microeconomics - SB <sup>1</sup>	3
<b>Management Core</b>		
CIS 205	Information Systems in Organizations	3
CIS 305	Data Analysis for Decision-Making	3
MGMT 301	Management and Organizational Behavior	3
MGMT 404	Project Management <sup>2</sup>	3
Management Electives, selected from the following:		9
MGMT 305	Human Resource Management	
MGMT 306	Talent Management Skills	
MGMT 315	Collaboration: Theory and Skills	
MGMT 410	Franchising Fundamentals and Legal Issues	
MGMT 430	Compensation	
MGMT 459	Managerial Analytics	
MGMT 460	Images of Leadership	
MGMT 397	Co-op in Management (up to 3 hours, with approval)	
<b>Minimum Total Hours</b>		<b>24</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Course must be passed with a grade of B-minus or higher.

<sup>2</sup> BSTA 301 or other statistics course is required **before** enrollment in MGMT 404.

## Marketing (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Marketing

Unit: College of Business (BU) (<http://business.louisville.edu/>)  
Department: Marketing (<http://business.louisville.edu/marketing/>)  
Academic Plan Code(s): MKT\_MINOR

The College of Business offers a minor in Marketing available to all University of Louisville students.

## Program Requirements

Code	Title	Hours
<b>Program Prerequisites</b>		
BSTA 301	Business Statistics (previously BSTA 201) <sup>1</sup>	3
ECON 201	Principles of Microeconomics - SB	3
ECON 202	Principles of Macroeconomics - SB	3
<b>Marketing Core</b>		
CIS 205	Information Systems in Organizations	3
CIS 305	Data Analysis for Decision-Making <sup>2</sup>	3
MKT 301	Principles of Marketing <sup>3</sup>	3
Marketing Electives (300-level or higher) <sup>3,4,5</sup>		9
<b>Minimum Total Hours</b>		<b>27</b>

2.0 GPA in Marketing minor program core coursework and a 2.0 cumulative UofL GPA are required for graduation.

<sup>1</sup> The following will also meet the statistics requirement: MATH 109, PSYC 301, SOC 301, CJ 326

<sup>2</sup> Business BS majors complete CIS 305. Business BBA and non-business majors complete BUS 310.

<sup>3</sup> SPAD 383 cannot substitute for MKT 301 or be counted as a marketing elective. MKT 202 or BUS 202 cannot be counted as a marketing elective.

<sup>4</sup> Marketing minors are not permitted to take College of Business Co-ops.

<sup>5</sup> At least 6 credit hours of MKT electives must be taken at the University of Louisville.

## Admission Requirements

### Business Majors

Enrollment in College of Business.

### Non-Business Majors

Must have completed 51 or more semester hours, with a cumulative grade point average of 2.5 or higher. Students must complete the program prerequisites and earn a GPA of 2.5 or higher in those prerequisites in order to pursue the Marketing Core.

A formal application to the minor is required upon completion of the program prerequisites.

## Mathematics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Mathematics

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Mathematics (<http://www.math.louisville.edu/>)  
Academic Plan Code(s): MATHMINOR

## Program Requirements

Code	Title	Hours
MATH 205	Calculus I - QR	4
MATH 206	Calculus II	4
MATH 311	Introduction to Higher Math	3
Mathematics electives in courses numbered 190 or above <sup>1</sup>		10
<b>Minimum Total Hours</b>		<b>21</b>

For a minor in Mathematics, 6 hours in courses numbered 311 or higher must be successfully completed in the Department of Mathematics at the University of Louisville.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> MATH 111 and MATH 112 may be substituted for MATH 190, but only 4 hours credit will be applied toward the electives in the minor.

## Middle East and Islamic Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Middle East and Islamic Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Academic Plan Code(s): MEISMINOR

## Program Requirements

Code	Title	Hours
<b>Humanities</b>		
Once course in Arabic at the 200 level or above		3
One additional Humanities course, selected from the following:		3
Additional coursework in Arabic (200 level or above)		
HUM 306	Survey of Islamic Thought, Religion and Culture	
HUM 313	Introduction to the Qur'an	
HUM 316	Modern Islamic Thought	
HUM/PAS 349	African Americans & Islam	
<b>Social Sciences</b>		
Two Social Sciences courses, selected from the following list:		6
ANTH 319	Cultures of the Middle East	
ANTH 338	Anthropology of Refugees	
HIST 341	The Ancient Near East	
HIST 356	Islamic Middle East	
HIST 360	The Origins of Islam	

HIST 362	The United States and the Middle East	
HIST 376	War in the Modern Middle East - WR	
HIST 377	The Ottoman Empire to 1800	
HIST 378	The Ottoman Empire and Modern Turkey from 1800 - WR	
HIST 503	Advanced Studies in History	
HIST 563	The Middle Eastern Wars - CUE, WR	
HIST 564	Byzantium and Islam	
HIST 593	American Image of the Middle East - CUE	
HIST 594	Studies in Middle Eastern History - WR	
POLS 355	Introduction to Middle East Politics	
POLS 356	Political Islam	
POLS 363	Politics of Oil	
PAS/HUM 349	African Americans and Islam	
SOC 460	Gender in the Middle East	
<b>Middle East and Islamic Studies Electives</b>		
Two additional courses, selected from the following list:		6
ANTH 319	Cultures of the Middle East	
ANTH 338	Anthropology of Refugees	
HIST 310	Studies in History <sup>1</sup>	
HIST 341	The Ancient Near East	
HIST 344	Introduction to Ancient Egypt.	
HIST 345	Culture of the Ancient Near East	
HIST 356	Islamic Middle East	
HIST 357	Middle Eastern History, 1453 to the Present - WR	
HIST 360	The Origins of Islam	
HIST 362	The United States and the Middle East	
HIST 369	History of France, 1799 to the Present	
HIST 376	War in the Modern Middle East - WR	
HIST 377	The Ottoman Empire to 1800	
HIST 378	The Ottoman Empire and Modern Turkey from 1800 - WR	
HIST 503	Advanced Studies in History	
HIST 563	The Middle Eastern Wars - CUE, WR	
HIST 564	Byzantium and Islam	
HIST 593	American Image of the Middle East - CUE	
HIST 594	Studies in Middle Eastern History - WR	
HUM 306	Survey of Islamic Thought, Religion and Culture	
HUM 220	Introduction to Jewish Cultures - D2, AH	
HUM 312	New Testament	
HUM 313	Introduction to the Qur'an	
HUM 316	Modern Islamic Thought	
HUM/PAS 349	African Americans & Islam	
HUM 383	The Mediterranean and Culture	
HUM 514	Perspectives on Religious Coexistence and Conflict	
POLS 355	Introduction to Middle East Politics	
POLS 356	Political Islam	
POLS 363	Politics of Oil	
SOC 460	Gender in the Middle East	
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

- <sup>1</sup> May be used as a MEIS elective when its topic is appropriate and approved by the MEIS director.

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## Music (Minor)

This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Music

Unit: Music (<http://louisville.edu/music/>)  
Academic Plan Code(s): MUSIMINOR

Students wishing to minor in music must meet the minimum admission requirements of the School of Music with a 2.75 GPA and 21 ACT and must obtain approval from the School of Music.

## Program Requirements

Code	Title	Hours
MUH 204	Introduction to Music History - AH	3
One music theory course as determined by placement exam <sup>1</sup>		4
One semester of Piano Class <sup>2</sup>		1
MUS 97	Recital Attendance (two (2) semesters required, see note) <sup>3</sup>	0
Applied Study		4
Additional Hours of study selected from MUS, MUH, and/or MUTH courses <sup>4,5</sup>		9
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

Students enrolled in the Minor in Music are strongly encouraged to enroll in a cross-listed course, MUH 205, MUH 214, or MUH 218, for their General Education: Cardinal Core credits in Arts and Humanities (AH) and/or U.S. or Global Diversity (D1/D2).

- <sup>1</sup> Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- <sup>2</sup> Normally MUS 131.
- <sup>3</sup> Two semesters of Recital Attendance.
- <sup>4</sup> Students may count up to 4 hours of Major Ensemble - MUS 109 and 2 hours of Minor Ensemble - MUS 119 toward the Music Minor.
- <sup>5</sup> Students may count a maximum of 4 additional semesters of Applied Study toward the Music Minor.

## Music and New Media (Minor)

This program was approved for students entering the university in the Summer 2021 – Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Music & New Media

Unit: Music (<http://louisville.edu/music/>)  
Academic Plan Code(s): MUSIMINMN

## Program Information

The School of Music offers a minor in Music & New Media available to all UofL students. For non-music majors, students must meet the minimum admission requirement of the School of Music with a 2.75 GPA and must obtain approval from the School of Music. In addition, students must complete MUS 170 or MUS 171 with a grade of B or better for admission to the minor. No audition is required.

For graduation, in addition to all other degree requirements, a 2.5 GPA in Music and New Media minor program core course work and a 2.5 cumulative UofL GPA are required. Students enrolled in the Music & New Media minor are strongly encouraged to enroll in a cross-listed course- MUH 205, MUH 214, or MUH 218 – for their General Education credits in Arts and Humanities and/or U.S. or Global Diversity.

## Program Requirements

Code	Title	Hours
Choose one music theory course as determined by placement exam <sup>1</sup>		3-4
OR MUH 315 Music & Sound in Film <sup>1</sup>		
Select two Instrument or Voice Classes: <sup>2</sup>		2
MUS 127	Class Piano-Beginners I	
MUS 128	Class Piano-Beginners II	
MUS 130	Jazz Piano Class	
MUS 131	Piano Class	
MUS 132	Piano Class	
MUS 147	Class Guitar I	
MUS 148	Class Guitar II	
MUS 152	Beginning Class Guitar - D2, AH	
MUS 227	Voice Class	
MUS 170	Introduction to Musical Acoustics	3
MUS 171	Audio Engineering	3
MUS 270	Creative Audio Recording and Production Techniques	2
MUS 271	Sound Design	3
MUS 350	Analysis of Electronic Media	2
<b>Minimum Total Hours</b>		<b>18-19</b>

- <sup>1</sup> Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 for 0 credit concurrently with MUS 141. Students who do not pass MUS 141, and students who enter the School of Music in January and do not place into MUS 142, must enroll in MUS 92 for the spring semester. Credits for MUS 92 do not count toward the degree.
- <sup>2</sup> OR Applied Study (dependent on ability and audition, or faculty placement).

<sup>3</sup> Students may count up to 1 hour of Major Ensemble - MUS 109 and 1 hour of Minor Ensemble - MUS 119 toward the Music & New Media Minor. Students may also count a maximum of 1 additional hour of Applied Study toward the Music & New Media Minor.

<sup>4</sup> 0 hours of additional study if a theory is chosen to meet program requirement; 1 hour of additional study if MUH 315 is chosen.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Pan-African Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Pan-African Studies

Unit: Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Pan-African Studies (<http://louisville.edu/panafricanstudies/>)

Academic Plan Code(s): PAS\_MINOR

## Program Requirements

Code	Title	Hours
PAS 200	Introduction to Pan-African Studies - D1, SB	3
PAS 204	Introduction to African Studies - D2, AH	3
PAS 206	Introduction to Caribbean Studies - D2, SB	3
PAS electives at the 300 level or above		6
PAS electives at any level		6
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Peace, Justice, and Conflict Transformation (Minor)

This program was approved for students entering the university in the Summer 2020–Spring 2021 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Peace, Justice, and Conflict Transformation

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Peace, Justice, and Conflict Transformation (<https://louisville.edu/peace/academic-programs/peace-studies/>)

Academic Plan Code(s): PSCRMIN

## Program Requirements

Code	Title	Hours
PEAC 201	Peace and Conflict: For Daily Life, Civic Affairs, and Professional Life Ahead - SB, D2	3
PEAC 325	Peace, Justice & Conflict Transformation	3
PEAC 350	Mediation & Conflict Transformation	3
PEAC 550	Service Learning in Peacebuilding	3
<i>Select two of the following electives:</i> <sup>1</sup>		6
PEAC 375	Independent Study in Peace Studies	
PEAC 525	Peace, Justice & Conflict Transformation	
PEAC 545	Basic Mediation & Conflict Transformation	

PEAC 575	Independent Study in Peace, Justice & Conflict Transformation
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**Minimum Total Hours** **18**

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Two electives to be selected from those already approved for the elective or one of these and a second approved by the PJCT Director. Only one of these may be 200-level.

## Philosophy (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Philosophy

Unit: College of Arts and Sciences (<http://www.louisville.edu/a-s/>)

Department: Philosophy (<http://louisville.edu/philosophy/>)

Academic Plan Code(s): PHILMINOR

## Program Requirements

Code	Title	Hours
Select one of the following:		3
PHIL 301	Ancient Philosophy	
PHIL 302	Medieval Philosophy	
PHIL 303	Modern Philosophy	
PHIL 304	Philosophy and the Americas	
PHIL 306	Nineteenth-Century Philosophy	
PHIL 307	Twentieth-Century Philosophy	
Select one of the following:		3
PHIL 211	Critical Thinking - AH	
PHIL 311	Introduction to Logic	
PHIL 412	Symbolic Logic	
PHIL 512	Advanced Symbolic Logic	
Select one of the following:		3
PHIL 222	Contemporary Moral Problems - AH	
PHIL 225	Business Ethics	
PHIL 321	Ethics	
PHIL 323	Medical Ethics	
PHIL 325	Feminist Medical Ethics	
PHIL 331	Philosophy of the Arts	
PHIL electives at 200-level or above <sup>1</sup>		6
PHIL elective at 500-level		3
<b>Minimum Total Hours</b>		<b>18</b>

<sup>1</sup> No more than 6 hours at the 200-level may count towards the minor.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Philosophy, Politics, and Economics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Philosophy, Politics, and Economics

Unit: College of Arts and Sciences (p. 85); College of Business (p. 90)

Departments: Philosophy (<http://louisville.edu/philosophy/>); Political Science (<http://louisville.edu/politicalscience/>); Economics (<http://business.louisville.edu/economics/>)

Academic Plan Code(s): PPE\_MINOR

Philosophy, Politics, and Economics (PPE) is a rigorous applied course of study particularly well-suited to students going into government, civil service, and/or professional schools (e.g., Law or Medicine).

Students majoring in Philosophy, Political Science, or Economics often can complete the PPE minor in only 18 additional hours, applying 6 hours in-common between the minor and the major.

## Program Requirements

Code	Title	Hours
<b>Required Courses</b>		<b>6</b>
PPE 300	Introduction to Philosophy, Politics, and Economics - SB	
PPE 499	Selected Readings in Philosophy, Politics, and Economics	
<b>Electives</b>		
Select two Philosophy courses from the following:		6
PHIL 308	Social and Political Philosophy	
PHIL 318	Philosophy and Feminism - D1, AH	
PHIL 319	Philosophy of Race and Racism - AH, D1	
PHIL 321	Ethics	
PHIL 328	Environmental Ethics	
PHIL 350	Philosophy of Law	
PHIL 516	African-American Philosophy	
PHIL 535	Political Philosophy	
PHIL 538	Critical Social Theory	
PHIL 583	Health Care, Justice & Community	
PHIL 590	Fundamentals of Diversity	
Select two Political Science courses from the following:		6
POLS 302	Urban Political Economy	
POLS 326	Public Policy - SB	
POLS 334	The Politics of Global Economic Relations	
POLS 335	Global Environmental Politics	
POLS 347	Democratization	
POLS 362	Comparative Political Economy	
POLS 382	Modern Political Thought	
POLS 384	Democracy and Its Critics - WR	
POLS 388	Contemporary Political Theory	
POLS 426	Environmental Policy	
Select two Economics courses from the following:		6
ECON 301	Intermediate Microeconomics	

ECON 312	Urban Economics
ECON 331	Labor Economics
ECON 360	Environmental Economics
ECON 365	Law and Economics
ECON 375	Capitalism and Economic Freedom
ECON 341	Public Finance
ECON 342	State and Local Government Finance
ECON 350	The Economics of Entrepreneurship
ECON 421	History of Economic Thought

**Minimum Total Hours** **24**

The student must maintain a 2.00 average in the minor program for its successful completion.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Physics (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Physics

Unit: College of Arts and Sciences (AS) (<https://www.louisville.edu/artsandsciences/>)

Department: Physics and Astronomy (<http://www.physics.louisville.edu/>)

Academic Plan Code(s): PHYSMINOR

## Program Requirements

Code	Title	Hours
Complete one of the following sequences:		8-10
Sequence 1:		
PHYS 221	Fundamentals of Physics I - S	
& PHYS 223	Fundamentals of Physics Lab I - SL	
PHYS 222	Fundamentals of Physics II - S	
& PHYS 224	Fundamentals of Physics Laboratory II - SL	
Sequence 2:		
PHYS 298	Introductory Mechanics, Heat and Sound - S	
& PHYS 295	Introductory Laboratories I - SL	
PHYS 299	Introductory Electricity, Magnetism and Light	
& PHYS 296	Introductory Laboratories II - SL	
PHYS 300	Introductory Modern Physics	4
& PHYS 301	Introductory Modern Physics Laboratory	
Physics electives numbered 302 through 599 <sup>1</sup>		4-6
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> No more than 3 hours may be taken in Independent Study

## Political Science (Minor)



This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Political Science

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Political Science (<http://louisville.edu/politicalscience/>)  
Academic Plan Code(s): POLSMINOR

## Program Requirements

Code	Title	Hours
POLS 201	Introduction to American Government and Politics - SB	3
or POLS 202	Introduction to Comparative Politics - SB, D2	
POLS Electives <sup>1,2</sup>		18
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> 15 hours must be at the 300-level or above.

<sup>2</sup> No more than 3 hours of POLS 430, POLS 510, POLS 511 and/or POLS 512 may count toward the minor.

## Psychology (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Psychology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Psychological and Brain Sciences (<http://louisville.edu/psychology/>)  
Academic Plan Code(s): PSYCMINOR

Admission to the minor in Psychology requires:

- Completion of PSYC 201 with a minimum grade of C<sup>1</sup>;
- Completion of General Education Cardinal Core QR course with a minimum grade of C<sup>1</sup>
- Completion of PSYC 301 with a minimum grade of C<sup>1</sup>;
- Completion of PSYC 302 with a minimum grade of C<sup>1</sup>

- Completion of 30 hours of degree-applicable credit with a minimum grade point average of 2.0; and
- A minimum grade point average of 2.0 in Psychology.

## Program Requirements

Code	Title	Hours
PSYC 201	Introduction to Psychology - SB <sup>1</sup>	3
PSYC 301	Statistics for Psychology <sup>1,2</sup>	3
PSYC 302	Research Methods for Psychology <sup>1</sup>	3
Select three of the following:		9
PSYC 305	Brain and Behavior	
PSYC 306	Life Span Developmental Psychology	
PSYC 307	Cognitive Processes	
PSYC 308	Abnormal Psychology	
PSYC Electives (must be taken at 300+ level)		3
<b>Minimum Total Hours</b>		<b>21</b>

Completion of the minor requires:

- A minimum grade of C minus in all courses used to meet the requirements in the Psychology minor; and
- A minimum grade point average of 2.0.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

Students majoring in Neuroscience (NS) who wish to minor in Psychology (PSYC) must complete a minimum of 9 PSYC credits that are not counted toward meeting the NS degree requirements. These 9 credits must include 2 of the following courses: PSYC 306, PSYC 307 or PSYC 308. If these courses are taken as electives for the NS degree, additional PSYC courses must be taken in their place.

<sup>1</sup> Grades of C minus are not accepted

<sup>2</sup> Students must confirm any course substitutions for PSYC 301 with the department **prior** to enrollment. Students who substitute a course from another department will need to take an additional Psychology elective to complete the required number of Psychology hours for the program.

## Public Health (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Public Health

Unit: School of Public Health & Information Sciences (<http://louisville.edu/sphis/>)  
Academic Plan Code(s): PH\_ \_MINOR

The Public Health minor has been designed for all students who are interested in gaining a broader understanding about the field of Public Health. The coursework for the minor offers exposure to the concepts and applications of public health in a variety of disciplines.

Students from a wide variety of majors will find a Public Health minor attractive as it assists them in broadening their understanding of patterns of Public Health and its role in our society. Any major will gain an appreciation for the applications of Public Health. The minor can be an

asset to students in determining their interest in graduate studies as well as long term career goals.

The minor in Public Health requires the completion of a minimum of 15 credit hours.

## Program Requirements

Code	Title	Hours
PHUN 101		3
PHPB 300	Social and Behavioral Foundations of Public Health	3
PHPB 301	Health Equity - SB, D1	3
PHPH 431	Contemporary Issues in Public Health I	3
PHEH 301	Public Health and Our Environment	3
<b>Minimum Total Hours</b>		<b>15</b>

Students will be required to apply to the minor and maintain a minimum of a 2.0 GPA.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Public Health Nutrition (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Public Health Nutrition

Unit: School of Public Health and Information Sciences (<https://louisville.edu/sphis/>)  
Academic Plan Code(s): PHNUMINOR

The Public Health Nutrition minor will expose students to the basic principles of nutrition within the context of public health, with an emphasis on:

1. Nutrition support systems targeted at the general population as well as women and children;
2. Assessment tools used to estimate population nutritional status; and
3. Food composition, labeling, and advertising.

Students will develop critical thinking skills necessary to evaluate nutrition education programs and example dietary patterns, assess advertising claims, and formulate rational policy decisions based on the U.S. Dietary Recommendations.

The Public Health Nutrition minor can be pursued as a type of specialization within the field of public health—e.g., by Public Health majors, as adjunct preparation for other health fields, such as medicine or nursing—or as an applied field of basic science, such as biology or chemistry. The goal of the program will be to provide students with a solid foundation for further education or careers related to nutrition.

### Admission

Current UofL students will be required to apply to the minor and maintain a minimum of a 2.0 GPA.

## Program Requirements

Code	Title	Hours
<b>Core Courses</b>		
PHEH 325	Public Health Nutrition	3
PHEH 330	Childhood Nutrition from a Public Health Perspective	3
PHEH 331	Food Composition and Public Health	3
or HSS 303	Human Nutrition	
PHEH 332	Nutrition Assessment Tools	3
<b>Guided Electives</b>		
Select two of the following courses:		6
ANTH 352	Food and Body Politic	
ANTH 534	Food and Farm Movements in the Americas	
ANTH 535	Nutritional Anthropology	
BIOL 350	Biostatistics <sup>1</sup>	
or PHST 301 Quantitative Methods in Public Health		
BIOL 540	Metabolic Biochemistry <sup>2</sup>	
or CHEM 445 Survey of Biochemistry		
COMM 430	Health Communication - WR, CUE	
HSS 302	Nutrition in Healthy Living	
PHEP 341	Epidemiological Concepts and Methods for Public Health	
<b>Minimum Total Hours</b>		<b>18</b>

<sup>1</sup> Students may count only one of either BIOL 350 or PHST 301 towards the required total of 6 credits in electives.

<sup>2</sup> Students may count only one of either BIOL 540 or CHEM 445 towards the required total of 6 credits in electives.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Race/Gender Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Race/Gender Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Departments: Women's, Gender and Sexuality Studies (<http://www.louisville.edu/a-s/ws/>) and Pan-African Studies (<http://www.louisville.edu/a-s/pas/>)  
Academic Plan Code(s): RGS\_MINOR

## Program Requirements

Code	Title	Hours
WGST 201	Women In American Culture - D1, AH	3
PAS 200	Introduction to Pan-African Studies - D1, SB	3
WGST 347/ PAS 364	Racism and Sexism - SB, D1	3
Select two of the following: <sup>1</sup>		6
WGST/PAS/ PHIL 207	Introduction to Philosophy through Cultural Diversity - AH, D2	

WGST/PAS 342	Black Women Novelists - D2, AH, WR	
WGST 343/ PAS 392/SOC 392	Faces of Global Poverty - WR	
WGST/PAS 344	Black Lesbian Lives	
WGST 346/ PAS 385	Women in Africa: Historical and Literary Perspectives	
WGST 348/ PAS 332	African-American Women - WR	
WGST 380/ PAS 350/ TA 363	African-American Women in Theatre - D1, WR, AH	
WGST/PAS 410	Black Feminism in Action	
WGST/PAS/ HIST/SCHG 513	U.S. Social Justice Movements	
WGST 543/ PAS 542	Black Women's Voices - WR	
WGST/PAS 547	Language, Race, Class, and Gender	
Elective in Pan-African Studies at 300-level or above <sup>2</sup>		3
Elective in Women's, Gender and Sexuality Studies at 300-level or above <sup>3</sup>		3
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

- <sup>1</sup> Other courses may be substituted with advisor approval
- <sup>2</sup> May not be cross-listed with Women's, Gender and Sexuality Studies
- <sup>3</sup> May not be cross-listed with Pan-African Studies

## Religious Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Religious Studies

Unit: Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Comparative Humanities (<http://louisville.edu/humanities/>)  
Academic Plan Code(s): RS\_ \_MINOR

## Program Requirements

Code	Title	Hours
HUM 308	Studies of Religion - AH	3
HUM 510	Methods and Theories in the Study of Religion - WR, CUE	3
One course from Area A		3
Three courses from Area B		9
One course from Area C		3
<b>Minimum Total Hours</b>		<b>21</b>

## Area A: Introductory Comparative Courses on Religion

Code	Title	Hours
HUM 218	Introduction to Eastern Religious Traditions - D2, AH	3
HUM 219	Introduction to Western World Religions - AH, D2	3
HUM 336	Indigenous Religions of the Americas	3
PAS 351	Survey of African Religion and Culture	3

## Area B: Advanced Courses on Religion Traditions

Code	Title	Hours
<b>Christianity</b>		
HUM 312	New Testament	3
HUM 319	Survey of Christian Thought, Religion and Culture	3
HUM 335	Modern Christian Thought	3
<b>Asian Religions</b>		
HUM 341/ AST 340	South Asian Religious Thought and Culture - AH, D2	3
HUM 343	East Asian Religious Thought and Culture - D2, AH	3
HUM 314	Buddhist Scriptures	3
HUM 342	Eastern Mysticism	3
<b>Islam</b>		
HUM 306	Survey of Islamic Thought, Religion and Culture	3
HUM 313	Introduction to the Qur'an	3
HUM 316	Modern Islamic Thought	3
<b>Judaism</b>		
HUM 309	Survey of Jewish Thought, Religion and Culture - WR	3
HUM 311	Hebrew Bible/ Old Testament	3
HUM 315	Alternative Judaism's - AH, D2	3
HUM 317	Modern Jewish Thought	3

## Area C: Topics

Code	Title	Hours
HUM 336	Indigenous Religions of the Americas	3
HUM 338	Greek Mythology	3
HUM 339	Studies in World Mythology - D2, AH	3
HUM/WGST 340	Women and Religion - D2, AH	3
HUM 344	Religion in the United States	3
HUM/PAS 349	African Americans & Islam	3
PAS 351	Survey of African Religion and Culture	3
HUM 377/ PAS 317	African-American Religion - AH, D1	3
HUM/HIST 387	The Holocaust, Genocide, and Global Imagination - D2, SBH	3
HUM 511	Topics in the Interpretation of Sacred Texts	3
HUM 512	Topics in Contemporary Religious Thought	3
HUM 513	Topics in Comparative Religions	3
HUM 514	Perspectives on Religious Coexistence and Conflict	3
HUM 516	Topics in the Histories of Religion	3
PAS 351	Survey of African Religion and Culture	3
PAS 521	Religions of the African Diaspora	3

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Russian Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Russian Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Classical and Modern Languages (<http://louisville.edu/modernlanguages/>)

Academic Plan Code(s): RUSTMINOR

## Program Requirements

Code	Title	Hours
RUSS 123	Intermediate Russian	4
RUSS 321	Russian Reading, Conversation, and Composition I	3
RUSS 322	Russian Reading, Conversation, and Composition II	3
Select three of the following courses:		9
Russian (RUSS) courses at the 300-400 level		
M L 313	Special Topics in Language, Literature, or Culture	
M L 353	Russian Literature of the Nineteenth Century - WR	
M L 354	Russian Literature of the Twentieth Century - WR	
M L 561	Masterpieces of Russian Literature	
HIST 363	Russian History I	
HIST 364	Russian History II	
HIST 385	Russian Cultural History - WR	
HIST 547	Studies in Russian History - WR, CUE	
HIST 587	The Russian Revolutions - WR	
HUM 381	Russian Culture	
POLS 345	Russia and Eurasia - WR	
<b>Minimum Total Hours</b>		<b>19</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Social Change (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Social Change

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Academic Plan Code(s): SCHGMINOR

## Program Requirements

Code	Title	Hours
SCHG 399	Lectures in Social Change	1
SCHG 401	Social Change Community Internship	3
or PEAC 550	Service Learning in Peacebuilding	
Select one of the following courses:		3
ANTH/SCHG 333	Globalizing Inequalities - WR	
HIST 323	Modern American Social Movements	

SOC 453	Social Change	
WGST 513	U.S. Social Justice Movements	
Select four courses, with no more than 9 hours in any one department, from the following:		12
ANTH 337	Nationalism, Violence, and the State	
ANTH 340	Human Rights	
ANTH 352	Food and Body Politic	
BIOL 440	Global Change Ecology - CUE	
HIST 313	Comparative Environmental History	
HIST 318	U.S. in the Sixties	
HIST 322	The History of the Civil Rights Movement, 1900 to Present	
HIST 514	United States Peace Movement	
HIST 533	Twentieth-Century Latin America - WR, CUE	
HIST 588	Feminism in Western Civilization, 1790-1920 - WR	
M L 260	Cultures of Latin America - AH, D2	
PAS 324	Politics, Political Violence and Black Resistance	
PAS 364	Racism and Sexism - SB, D1	
PEAC 325	Peace, Justice & Conflict Transformation	
PEAC 350	Mediation & Conflict Transformation	
PHIL 328	Environmental Ethics	
POLS 111	Political Discourse - OC	
POLS 302	Urban Political Economy	
POLS 315	Race, Law and Politics - SB, D1	
POLS 324	Women in American Politics	
POLS 335	Global Environmental Politics	
POLS 395	Political Leadership - WR	
SCHG 300	Topics in Social Change: Humanities	
SCHG 301	Topics in Social Change: Humanities - WR	
SCHG 302	Topics in Social Change: Social Sciences	
SCHG 303	Topics in Social Change: Social Sciences - WR	
SCHG 500	Advanced Topics in Social Change: Humanities	
SCHG 501	Advanced Topics in Social Change: Humanities - WR	
SCHG 502	Advanced Topics in Social Change: Social Sciences	
SCHG 503	Advanced Topics in Social Change: Social Sciences - WR	
SOC 323	Diversity and Inequality	
TA 367	Black Dramatic Literature - D1, AH	
<b>Minimum Total Hours</b>		<b>19</b>

No more than 6 credit hours may count toward both the Social Change Minor and the Certificate in Peace, Justice, and Conflict Transformation (PEAC).

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled at the University of Louisville.

## Sociology (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Sociology

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Sociology (<http://louisville.edu/sociology/>)  
Academic Plan Code(s): SOC\_MINOR

Admission to the minor in Sociology requires:

1. Completion of SOC 301 with a grade of C or better;
2. A minimum cumulative grade point average of 2.0; and
3. A minimum grade point average of 2.0 in any courses in Sociology.

Completion of the minor requires completion of SOC 303 and SOC 320 with a grade of C or better.

## Program Requirements

Code	Title	Hours
SOC 201	Introduction to Sociology - SB	3
SOC 301	Introduction to Social Statistics	3
SOC 303	Introduction to Research Methods - WR	3
SOC 320	Social Theory - WR	3
SOC 323	Diversity and Inequality	3
Sociology electives at any level		3
Sociology electives at 300 level		3
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Sociology of Culture (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Sociology of Culture

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Sociology (<https://louisville.edu/sociology/>)  
Academic Plan Code(s): CUL MIN

Admission to the minor in Sociology requires:

1. Completion of SOC 320 or SOC 323 with a grade of C or better;
2. A minimum cumulative grade point average of 2.0; and
3. A minimum grade point average of 2.0 in any courses in Sociology.

Completion of the minor requires completion of SOC 320 and SOC 323 with a grade of C or better.

## Program Requirements

Code	Title	Hours
SOC 201	Introduction to Sociology - SB	3
SOC 320	Social Theory - WR	3
SOC 323	Diversity and Inequality	3
Select two electives at the 300+ level:		6
SOC 305	Urban Sociology	
SOC 325	Sociology of Human Sexuality	
SOC 327	Sociology of Gender	
SOC 329	Sociology of Families	
SOC 344	Sociology of Music in Contemporary America	

SOC 346	Sociology of Religion	
SOC 350	Special Topics in Sociology <sup>1</sup>	
SOC 374	Money, Economics and Society - WR	
SOC 380	Animals and Society	
Select two electives at the 400 level:		6
SOC 415	Sociology of Death & Dying - CUE	
SOC 420	Sociology of Sport	
SOC 425	Sociology of Leisure - CUE	
SOC 454	Social Inequality & Stratification - WR, CUE	
SOC 455	Sociology of Work - WR, CUE	
SOC 456	Gender and Work	
SOC 464	Race and Ethnicity - WR, CUE	
SOC 470	Political Sociology - CUE	
SOC 472	Sociology of Education - WR, CUE	
<b>Minimum Total Hours</b>		<b>21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> SOC 350 may only be used when its topic relates to sociology of culture.

## Spanish (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Spanish

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)  
Department: Classical and Modern Languages (<http://louisville.edu/modernlanguages/>)  
Academic Plan Code(s): SPANMINOR

Admission to the minor in Spanish requires completion of SPAN 201 or higher with a minimum grade of C; a minimum cumulative grade point average of 2.0; and a minimum grade point average of 2.0 on courses in the minor.

## Program Requirements

Code	Title	Hours
Select one of the following:		6
SPAN 201 & SPAN 202	Intermediate Spanish I & Intermediate Spanish II	
SPAN 205	Intensive Intermediate Spanish for Heritage Learners	
Select one of the following sequences:		6-9
Sequence One:		
SPAN 305	Spanish Grammar in Context	
SPAN 310	Readings and Writing in Spanish I	
SPAN 321	Communication and Conversation in Spanish	
Sequence Two:		
SPAN 325	Bridging Linguistic Registers for Heritage Learners of Spanish	
SPAN 335	Advanced Spanish for Heritage Learners	

Spanish Elective(s) at 300 level or above	6
<b>Minimum Total Hours</b>	<b>18-21</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Sport Administration (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Sport Administration

Unit: College of Education and Human Development (<http://www.louisville.edu/edu/>)

Department: Health and Sport Sciences (<http://www.louisville.edu/edu/hpes/>)

Academic Plan Code: SPADMINOR

## Program Requirements

Code	Title	Hours
SPAD 281	Principles of Sport Administration <sup>1</sup>	3
SPAD 284	Issues and Ethics in Sport <sup>1</sup>	3
SPAD 382	Sport Management and Leadership	3
SPAD 383	Sport Marketing	3
Select two of the following:		6
SPAD 353	Sport and Film	
SPAD 360	Administration of Intramural Activities	
SPAD 390	Sport Governance <sup>2</sup>	
SPAD 391	Sociology of Sport <sup>2</sup>	
SPAD 404	Financial Principles in Sport <sup>2</sup>	
SPAD 405	Sport Facility Management <sup>2</sup>	
SPAD 437	Data and Analytics in Sport <sup>2</sup>	
SPAD 445	Sport Communication <sup>2</sup>	
SPAD 480	Athletics in Higher Education <sup>2</sup>	
SPAD 489	Legal Aspects of Sport <sup>2</sup>	
SPAD 509	International Sport <sup>2</sup>	
SPAD 510	Entrepreneurship in Sport Business <sup>2</sup>	
SPAD 524	Management of Professional Baseball <sup>2</sup>	
SPAD 525	Sport Event Planning and Management <sup>2</sup>	
SPAD 529	Women and Sport <sup>2</sup>	
SPAD 530	Sport Promotion and Sales <sup>2</sup>	
SPAD 536	Sport Administration in Nonprofit Organizations <sup>2</sup>	
SPAD 561	Special Topics in Sport Administration <sup>2</sup>	
SPAD 571	Sport for Development and Peace <sup>2</sup>	
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

A 2.25 grade point average is required in the Sport Administration minor.

Any grade of D will not be accepted in SPAD courses.

<sup>1</sup> A grade of C or better is required for SPAD 281 and SPAD 284 (C-minus will not count).

<sup>2</sup> Please note that these courses have prerequisites which may not be listed in the courses above.

## Applied Statistics and Data Science (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Applied Statistics and Data Science

Unit: School of Public Health (<http://louisville.edu/sphis/>) & Information Sciences (<http://louisville.edu/sphis/>)

Academic Plan Code(s): ASDSMINOR

## Program Information

A demonstrated working knowledge in statistical and data science methods has become a vital component for students in many disciplines such as business, journalism, natural and social sciences, political science, psychology, and public health. As evidenced by nationwide employment statistics, employment prospects, and rates, both demand and compensation for individuals with strong quantitative sciences backgrounds are much higher than graduates with minimal exposure to these areas.

The Applied Statistics and Data Science minor exposes students to several commonly applied statistical methods and data science techniques bolstering and complementing a wide variety of undergraduate majors by enhancing their career opportunities. Students in this program will be trained in data management, analysis, reasoning, and decision making using various types of data.

Admission to the minor requires completion of at least 30 hours of degree-applicable credits with a minimum cumulative GPA of 2.0. In addition, students must have taken MATH 111 (or an equivalent) or higher with a minimum grade of B-minus as part of the 30 credit hours. The minor is open to any undergraduate who meets these prerequisites, regardless of major.

## Program Requirements

The program consists of three required courses and three elective courses, where one of the electives must be a Statistical Computing course (see table below). One of the required courses, PHST 301, may be substituted by an approved equivalent course from another unit.

A laptop capable of running basic statistical software is a requirement for coursework in this program.

Code	Title	Hours
<b>Core Courses</b>		
PHST 301	Quantitative Methods in Public Health (or equivalent) <sup>1</sup>	3
PHST 302	Intermediate Statistical Analysis	3
PHST 310	Applied Statistical Regression Models	3
<b>Guided Electives</b>		
Select three of the following courses: <sup>2</sup>		9
PHST 315	Sports Statistics	
PHST 421	Statistical Computing in R <sup>2</sup>	
PHMS 430	Elements of Data Mining	

PHST 431	The Principles of Statistical Learning
PHST 440	Statistical Study Design and Research Methods
PHST 520	Statistical Computing and Data Management with SAS <sup>2</sup>

**Minimum Total Hours 18**

Students must complete all program coursework with a grade of C-minus or higher.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Approved substitutions include: IE 360, MATH 109, PAS 408, PSYC 301, SOC 301, BIOL 350.

<sup>2</sup> Student must complete at least one of PHST 520 or PHST 421.

## Theatre Arts (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Theatre Arts

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Theatre Arts (<http://louisville.edu/theatrearts/>)

Academic Plan Code(s): TA\_ \_MINOR

## Program Requirements

Code	Title	Hours
TA 240	Stagecraft	3
TA 224	Introduction to Acting as Communication - OC	3
or TA 322	Acting the Black Experience - AH, D1	
TA 326	Cultural Diversity in Performance - D1, AH	3
TA 350	Theatre Production Practicum (five productions, 1 credit each)	5
TA 360	Theatre History & Script Analysis I: Classical-Medieval - WR	3
or TA 361	Theatre History & Script Analysis II: Renaissance-Romantic - WR	
or TA 362	Theatre History & Script Analysis III: Modern & Contemporary - WR	
TA 460	Black Diasporic Conversations Seminar	1
Theatre Arts (TA) Electives		6
<b>Minimum Total Hours</b>		<b>24</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Urban and Regional Analysis (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Urban and Regional Analysis

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Geography and Geosciences (<http://www.louisville.edu/a-s/geog/>)

Academic Plan Code(s): U&RAMINOR

## Program Requirements

Code	Title	Hours
GEOG 200	Human Geography in a Changing World - SB, D2	3
GEOG 327	Economic Geography	3
GEOG 328	Urban Geography	3
Select four of the following courses:		12
GEOG 331	Population Geography	
GEOG 390	Special Topics <sup>1</sup>	
GEOG 528	Planning, History and Issues	
GEOG 530	Transportation Geography	
GEOG 531	GIS & Urban Demographic Analysis	
GEOG 535	GIS and Retail Site Analysis	
GEOG 548	Special Topics in Urban Analysis Applications in GIS	
GEOG 561	Urban Environmental Quality	
GEOG 590	Special Topics <sup>1</sup>	
<b>Minimum Total Hours</b>		<b>21</b>

<sup>1</sup> Must be an urban topic.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

## Women's, Gender and Sexuality Studies (Minor)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Minor in Women's, Gender and Sexuality Studies

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Women's, Gender and Sexuality Studies (<http://www.louisville.edu/a-s/ws/>)

Academic Plan Code(s): WGSTMNOR

## Program Requirements

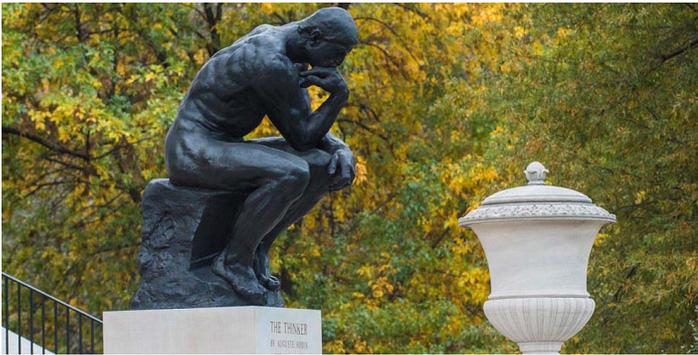
Code	Title	Hours
WGST 201	Women In American Culture - D1, AH	3
WGST 500	Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE	3
Electives in Women's, Gender and Sexuality Studies <sup>1,2</sup>		12
<b>Minimum Total Hours</b>		<b>18</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

<sup>1</sup> Nine hours must be 300-level or above.

<sup>2</sup> 6 hours must be in Humanities; 6 hours must be in Social Sciences

## Undergraduate Certificates



### Undergraduate Certificate Programs (non-degree)

Undergraduate certificate programs generally may be completed as stand-alone credentials. However, students must be enrolled in a degree program to be eligible for federal financial aid.

The certificate in Equine Business is a post-baccalaureate certificates taught at the undergraduate level. This certificate is intended for individuals who have already completed an undergraduate degree in another area but are interested in a career in the equine industry.

- Accounting (p. 513)
- Equine Business (p. 514)
- Ethics (p. 514)
- Geospatial Technologies, Applied (p. 515)
- Healthcare Leadership (p. 515)
- Human Resource Leadership (p. 516)
- LGBTQ Health Studies (p. 517)
- Peace, Justice, and Conflict Transformation (p. 517)
- Police Executive Leadership Development (p. 519)

### Online Undergraduate Certificate

- Geospatial Technologies, Applied (<http://louisville.edu/online/programs/certificate-programs/applied-geospatial-technologies/>)
- Healthcare Leadership (<http://louisville.edu/online/programs/certificate-programs/online-healthcare-leadership-certificate/>)
- HR Leadership (<http://louisville.edu/online/programs/certificate-programs/certificate-in-human-resource-leadership/>)

### Online Post-Baccalaureate Certificate

- Accounting (<http://louisville.edu/online/programs/certificate-programs/accounting/>)

## Accounting (CAC)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in Accounting

Unit: College of Business (BU) (<http://www.louisville.edu/business/>)  
Department: Accountancy (<http://business.louisville.edu/accountancy/>)

Academic Plan Code(s): ACCTCAC, ACCTCACO

## Program Information

*This program can be completed in a traditional classroom format or entirely online ([http://louisville.edu/online/programs/certificate-programs/accounting/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/certificate-programs/accounting/?utm_source=uofl-catalog)).*

The Certificate in Accounting program is for those with non-accounting undergraduate degrees who are interested in an accounting career.

The University of Louisville's Certificate in Accounting Program is specifically designed to:

- Develop the basic skills needed for a career in accounting;
- Teach advanced accounting skills to those with non-accounting undergraduate degrees; and
- Meet the time demands of working professionals in a 27-credit hour curriculum.

## Admission Requirements

To be admitted to the Certificate in Accounting program offered by the College of Business at the University of Louisville, you must meet the following requirements:

1. Complete ACCT 201 and ACCT 202 with a minimum cumulative GPA of 2.7 (on a 4.0 scale) (B-) in those courses.
2. Students who have not completed these courses by the time of application will be conditionally admitted into the program until the above requirements are met. Once these requirements are met, students will be fully admitted to the program.

## Program Requirements

Code	Title	Hours
<b>Certificate Requirements</b>		
ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ACCT 301	Intermediate Accounting I	3
ACCT 302	Intermediate Accounting II	3
ACCT 310	Introduction to Accounting Information Systems	3
ACCT 315	Introduction to Taxation	3
ACCT 320	Managerial Cost Accounting	3
ACCT 430	Auditing Theory and Practice	3
ACCT Elective or Co-Op		3
Select 3 hours from the following:		
ACCT 353	Accounting for Not-For-Profit Organizations	
ACCT 401	Advanced Accounting Problems	
ACCT 411	Advanced Accounting Information Systems - CUE	
ACCT 415	Advanced Taxation	
ACCT 420	Advanced Managerial Cost Accounting	

**Minimum Total Hours**

**27**

The required courses are typically offered each fall and spring semester, and may be offered in the summer sessions.

Any course prerequisites must be met prior to registration.

The Accounting Certificate (ACCTCAC) program prepares students to meet the accounting requirements for certification and/or licensure.

If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).

For programs with an online option, more information about certification or licensure is available here: <http://louisville.edu/online/About-Us> (<http://louisville.edu/online/About-Us/>) (please scroll down near the bottom of the page and click on the licensing disclosures tab).

## Equine Business (CEA)

### Post-Baccalaureate Certificate in Equine Business

Unit: College of Business (BU) (<http://www.louisville.edu/business/>)  
Department: Equine (<http://business.louisville.edu/equine/>)  
Academic Plan Code(s): EQNCCEA

## Program Information

The certificate in Equine Business is restricted to individuals who have earned either a Bachelor of Science or Bachelor of Arts degree and want academic training in the field of equine business. The program is designed as an intensive one-year program for full-time students, although part-time students will be accepted.

The curriculum consists of 24 hours of Equine Business courses for those individuals who possess a four-year Business degree or an MBA. The curriculum will include a minimum of 30 credit hours for those persons lacking in the certificate prerequisites.

## Departmental Admission Requirements

Admission requirements include submission of an undergraduate application and official transcripts showing completion of a four-year degree, and an overall 2.8 GPA.

Priority application deadlines are June 1 for fall semester. Admission to the Equine Certificate Program is available only in the fall semesters. Priority application deadline is March 1 for summer semesters.

## Program Requirements

### Certificate Prerequisites

Code	Title	Hours
ECON 201	Principles of Microeconomics - SB	3
ACCT 201	Principles of Financial Accounting	3
<b>Minimum Total Hours</b>		<b>6</b>

### Certificate Requirements

Code	Title	Hours
EQIN 202	Horse Industry Overview	3
EQIN 204	Equine Management	3

EQIN 301	Organization and Administration of Equine Operations	3
EQIN 302	Equine Economics	3
EQIN 304	Equine Marketing	3
EQIN 313	Equine Commercial Law	3
EQIN 402	Capstone Seminar in Equine Industry Program - CUE	3
EQIN 403	Equine Financial Management	3

**Minimum Total Hours** **24**

At least three (3) semester hours of the requirements for a certificate must be successfully completed while enrolled in the University of Louisville.

## Ethics (CERT)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in Ethics

Unit: College of Arts and Sciences (<http://louisville.edu/artsandsciences/intro/>) (AS)  
Department: Philosophy (<http://louisville.edu/philosophy/>)  
Academic Plan Code(s): ETHICUG

## Program Information

Many professions from tech to health care realize that ethics cannot be taken for granted but must be designed into organizations. From avoiding lawsuits and whistleblower complaints, to complying with the law, to maintaining quality organizational relations and relationships with clients, ethics is essential for firms and agencies in the 21st century. The certificate in ethics prepares graduates for ethical leadership roles in whatever field they enter. The program will train students in modes of ethical reasoning and in how to apply their ethical reasoning skills in the workplace and in daily life. The certificate provides graduates with a credential indicating their preparation for ethics compliance and other modes of demonstrating ethical practice in the professions. The program is also of benefit to students with personal and/or intellectual interests in the study of ethics and moral reasoning.

This is a certificate program for undergraduates who are already enrolled at UofL. Students must be in good standing to be enrolled in the certificate program.

Students are required to maintain at least a 3.0 GPA in the certificate, with no more than one grade of C in classes counted towards the certificate.

Code	Title	Hours
Students must complete one of the following courses:		3
PHIL 321	Ethics	
PHIL 521	Ethical Theory - WR	
Select 9 hours from the courses list below:		9
CECS 311	Ethics, Social and Legal Aspects on the Electronic Frontier	
CJ 597	Ethics in Criminal Justice - WR	
COMM 506	Ethical Problems in Communication - CUE, WR	
NURS 388	Global Health: Disparities and Social Determinants - D2, SB	

NURS 493	Nursing Leadership and Management
PHIL 222	Contemporary Moral Problems - AH
PHIL 225	Business Ethics
PHIL 318	Philosophy and Feminism - D1, AH
PHIL 319	Philosophy of Race and Racism - AH, D1
PHIL 323	Medical Ethics
PHIL 325	Feminist Medical Ethics
PHIL 328	Environmental Ethics
PHIL 360	Humanizing Technology - AH
PHIL/PAS 516	African-American Philosophy
PHIL 535	Political Philosophy
PHIL 580	Foundations of Bioethics
PHIL 581	Current Controversies in Health Care Ethics
PHIL/WGST 582	Gender, Race, and Culture in Health Care
PHIL 583	Health Care, Justice & Community
PHIL 584	Clinical Ethics
PHIL 590	Fundamentals of Diversity
POLS 399/ PPE 300	Topics in Political Science

Minimum Total Hours 12

## Geospatial Technologies, Applied (CGT)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in Applied Geospatial Technologies

**Unit:** College of Arts and Sciences (<http://louisville.edu/artsandsciences/>) (AS)

**Department:** Geographic and Environmental Sciences (<http://louisville.edu/geogeo/undergraduate/>)

Academic Plan Code(s): AGSTCGT, AGSTCGTO

## Program Information

*This program can be completed in a traditional classroom format or entirely online ([http://louisville.edu/online/programs/certificate-programs/applied-geospatial-technologies/?utm\\_source=uofl-catalog](http://louisville.edu/online/programs/certificate-programs/applied-geospatial-technologies/?utm_source=uofl-catalog)).*

This certificate program offers an additional layer of certification to undergraduate students seeking gainful employment in the growing field of geospatial technologies. The certificate will provide an introduction to the concepts and methods of map construction and visualization, including scale, location, projection, design, symbolism, and compilation. It will provide an introduction to geographic information systems and hands-on experience using ArcGIS software, management of relational databases, and the manipulation and graphical output of digital geospatial data. Upon completion of the program, students will be fully versed in the following key areas:

- Use and application of geographic information systems programs to solve complex geospatial problems
- Use, application, and interpretation of remotely sensed data and imagery

- Use of computer programming and scripting to create custom geospatial applications
- Database storage, retrieval, and statistical analysis
- Custom digital map presentation (paper, electronic, web)

The certificate requires the completion of 15 credit hours, of which 6 are required and 9 are elective hours. See the Certificate Requirements tab for details.

Students enrolled in stand-alone certificate programs are not eligible for federal financial aid. UofL students must be enrolled in a degree granting program in conjunction with the certificate program to receive federal aid.

## Admission Requirements

Students seeking the certificate must apply in, and be approved by, the Department of Geographic and Environmental Sciences. Admission to the certificate program is open to any undergraduate student with a cumulative GPA of 3.0 or higher.

This undergraduate certificate program also may be completed as stand-alone credential. However, students must be enrolled in a degree program to be eligible for federal financial aid.

## Program Requirements

Code	Title	Hours
<b>Core Coursework</b>		<b>6</b>
GEOG 350	Introduction to Mapping and Geospatial Technologies	
GEOG 558	Introduction to Geographic Information Systems	
<b>Elective Coursework</b>		<b>9</b>
Select 3 courses (9 hours) from the following:		
GEOG 355	Introduction to Remote Sensing	
GEOG 356	Introduction to Spatial Statistics	
GEOG 385	Introduction to Programming for GIS and Spatial Data Analysis	
GEOG 522	GIS and Public Health	
GEOG 531	GIS & Urban Demographic Analysis	
GEOG 571	GIS and Water Resources	
GEOG 583	Spatial and Non-Spatial Database Management	

Minimum Total Hours 15

At least three (3) semester hours of the requirements for a certificate must be successfully completed while enrolled in the University of Louisville.

Students must complete required courses for the certificate with a GPA of 2.75 or above.

Non-UofL students must meet the same requirements at an accredited institution.

## Healthcare Leadership

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

## Certificate in Healthcare Leadership

Unit: College of Education and Human Development (<https://louisville.edu/education/>)

Department: Educational Leadership, Evaluation and Organizational Development (<http://louisville.edu/education/departments/eleod/>)  
Academic Plan Code(s): HCLSCUGO

*This program is completed* entirely online (<http://louisville.edu/online/programs/certificate-programs/online-healthcare-leadership-certificate/>).

The purpose of the certificate program is to prepare adult learners who are working in healthcare, public health, private health insurance, health-care billing and payment, and other health-related businesses. This program is ideal for individuals who have acquired experience in the healthcare field and desire another credential for promotions within their organization, increased pay, or management and leadership roles.

This certificate will also prepare students interested in the Work Ready Kentucky Scholarship (WRKS) Program from the Kentucky Higher Education Assistance Authority to pursue careers in organizational training.

The certificate requires 12 credit hours of coursework. See Certificate Requirements tab for more information.

The program is offered in two distinct enrollment pathways: Flex Option and Term Option.

**Term Option:** In this pathway, students enroll in half-semester courses and complete each course within a predetermined time frame. This option is for students who wish to follow a more structured and traditional university schedule while taking advantage of accelerated sessions. Two sessions will be available in Fall and Spring and multiple sessions will be available in Summer.

Students may start the program at the beginning of the Fall and Spring terms, or before the second half-semester in Fall or Spring terms, as well as multiple offerings in the summer semester. This allows student to start the Term Option program several times per year, and enroll in half-semester session courses. All coursework in the Term-Option Pathway must be completed within the half-semester session period. Tuition and fees in Term-Option enrollments may be refunded in accordance with normal university policies.

**Flex Option:** This is the current pathway for students wishing to pursue the Competency-Based Education model (CBE). In Flex Option, students have 32 weeks to move through the program materials at their own pace. Many students value this level of flexibility. This path places the responsibility on the student to set and maintain their own pace to finish the materials on time. Students may enroll in additional CBE courses as soon as all previously enrolled courses are completed to expedite program completion. Financial Aid is dependent on timely completion.

Students may start the program on the first Tuesday of every month (except December). Students in this program will register for all major and track courses with their assigned Success Coach. All tuition and fees for CBE courses are non-refundable when a student begins a CBE course.

The CBE course term begins with enrollment and the onset of academic activity. Flex Option/CBE courses are student self-paced, but students must complete enrolled CBE courses within 32 weeks. A student cannot withdraw from a CBE course once started.

Students must have prior college experience (typically about 24 credits), a cumulative GPA of 2.7, and a minimum of one year's workplace

experience. Those with a GPA between 2.0-2.69 may seek conditional admission.

Students must complete an undergraduate application and provide official transcripts for all college credits earned at an accredited institution.

## Program Requirements

Code	Title	Hours
Required Coursework		
LEAD 309	Managing Projects in Healthcare Organizations	3
LEAD 410	Fundamentals of Healthcare Human Resource Management	3
LEAD 430	Healthcare Finance and Accounting	3
LEAD 432	Healthcare Quality Evaluation	3
<b>Minimum Total Hours</b>		<b>12</b>

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.

To complete the certificate, students must demonstrate competency by passing each class with a B+ or better.

## Human Resource Leadership

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in Human Resource Leadership

Unit: College of Education and Human Development (<https://louisville.edu/education/>)

Department: Educational Leadership, Evaluation and Organizational Development (<http://louisville.edu/education/departments/eleod/>)  
Academic Plan Code(s): HRL\_CUG, HRL\_CUGO

*This program can be completed in a traditional classroom format or entirely online.*

## Program Information

The Certificate in Human Resource Leadership will prepare those working in military, corporate, and other professional settings with some college but no degree, who wish to pursue human resource leadership. Students of the program will gain understanding in HR activities important to organizations, including job analysis and design, planning, recruitment, selection, performance management, training and development, and compensation.

The certificate requires 12 credit hours of coursework. Students may count the 12 credit hours toward the Bachelor of Science degree in Organizational Leadership and Learning.

## Admission Requirements

Students must have prior college experience, a cumulative GPA of 2.5 and approximately five year's workplace experience. Students with a GPA between 2.0-2.4 or without the other requirements may seek conditional admission.

Students not already enrolled or admitted to the university must complete an undergraduate application and provide official transcripts for all college credits earned at an accredited institution.

## Program Requirements

Code	Title	Hours
<b>Core Coursework</b>		
LEAD 411	Human Resource Fundamentals	3
LEAD 412	Coaching and Talent Development	3
<b>Electives</b>		
Choose two courses (6 hours) from the list below:		6
LEAD 311	Needs Assessment	
LEAD 420	Conflict Management in the Workplace	
LEAD 442	Supporting Organizational Change	
LEAD 490	Leadership and Management	
LEAD 578	Workplace and Information Ethics	
<b>Minimum Total Hours</b>		<b>12</b>

## LGBTQ Health Studies (CERT)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in LGBTQ Health Studies

Unit: College of Arts and Sciences (<http://louisville.edu/artsandsciences/intro/>) (AS)

Department: Women's, Gender & Sexuality Studies (<http://louisville.edu/wgs/>)

Academic Plan Code(s): LGBT CET

## Program Information

The expansion of health care in the United States and increased awareness of LGBTQ populations have created a need for anyone working in the field of health care (as a practitioner, an administrator, an insurer, or a non-profit) to understand the specific health care needs of LGBTQ persons and common biases against them. This undergraduate certificate program provides students with knowledge about the unique healthcare needs of LGBTQ populations and the past and ongoing discrimination they face in society and the healthcare field.

The certificate requires 15 credit hours of coursework. Nine (9) hours are required, core coursework and six (6) are elective coursework. The required courses are taught by Women's, Gender, and Sexuality Studies (WGST) faculty and Philosophy (PHIL) faculty. Elective courses are taught by faculty in Communication, Philosophy, Sociology, and Women's, Gender and Sexuality Studies.

## Admission Requirements

This is a certificate program for undergraduate students who are already enrolled at UofL. Thus, admission, retention and completion standards are those of the larger University.

Students must be enrolled at the undergraduate level at UofL and be in good standing to be enrolled in the certificate program.

## Program Requirements

Code	Title	Hours
<b>Core Coursework</b>		
WGST 301	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	3
WGST 302	LGBTQ and Applied Healthcare	3
PHIL 325	Feminist Medical Ethics	3
<b>Electives</b>		
Select two of the following:		6
WGST 312/ SOC 343	Sociology of Women's Health	
WGST 360/ PHIL 318	Philosophy and Feminism - D1, AH	
WGST/HSS 364	Women's Health Issues - D1, SB	
WGST 391	Topics in Women's, Gender and Sexuality Studies: Social Sciences (Transgender Studies)	
WGST/PHIL 582/BETH 682	Gender, Race and Culture in Health Care	
SOC 340	Mental Health and Illness	
SOC 410	Sociology of Aging - CUE	
COMM 430	Health Communication - WR, CUE	
<b>Minimum Total Hours</b>		<b>15</b>

At least three (3) semester hours of the requirements for a certificate must be successfully completed while enrolled in the University of Louisville.

## Peace, Justice, and Conflict Transformation (CPC)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in Peace, Justice and Conflict Transformation

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Academic Plan Code(s): PSCRCPC

## Program Requirements

Code	Title	Hours
PEAC 325	Peace, Justice & Conflict Transformation	3
PEAC 350	Mediation & Conflict Transformation	3
PEAC 550	Service Learning in Peacebuilding	3
Select one of the following:		3
ANTH 307	Darwin	
ANTH 310/ PAS 368	Race, Culture, Identity	
ANTH/PAS 318	African-American Cultural Traditions	
ANTH 319	Cultures of the Middle East	
ANTH 320	Indigenous Peoples of North America - SBH, D1	
ANTH 321	American Indian Women	
ANTH 323/ PAS 383	Cultures of Africa - SB, D2	

ANTH 325	The Anthropology of Latin America - SB, D2	ENGL 575	Special Topics: Genre Studies in African-American Literature - CUE
ANTH 331	Anthropology of Religion	ENGL 577	Special Topics: The Harlem Renaissance - CUE
ANTH 332	Ecology, Politics and Culture	GEOG 300	Globalization and Diversity - D2, SB
ANTH 333	Globalizing Inequalities - WR	GEOG/HIST 305	Historical Geography of the United States
ANTH 334	Conflict, Law, and Culture	GEOG 331	Population Geography
ANTH 336	War and Society - WR	GEOG 500	Globalization Seminar
ANTH 337	Nationalism, Violence, and the State	HIST 318	U.S. in the Sixties
ANTH 338	Anthropology of Refugees	HIST/PAS 322	The History of the Civil Rights Movement, 1900 to Present
ANTH 340	Human Rights	HIST/WGST/PAS/SCHG 513	U.S. Social Justice Movements
ANTH/AST 347	Global Capitalisms	HIST 514	United States Peace Movement
ANTH 352	Food and Body Politic	HIST 519	Gilded Age and Progressive Era United States, 1877-1929 - WR
ANTH 531	Anthropology of Water	HIST 522	The American Revolution and the Confederation - WR, CUE
ART 590	Special Problems in Studio Art	HIST 524	United States Civil War and Reconstruction - CUE, WR
AST/CHST 341	Ethnicity and Religion in China	HIST 529	Recent American History, 1945 to Present - CUE, WR
AST/ANTH 347	Global Capitalisms	HIST 537	Black Radicalism
CHST/AST 341	Ethnicity and Religion in China	LALS 310	Introduction to Latin American Studies - SB, D2
CJ 200	Crime and Justice in the United States - SB	LALS 311	Introduction to Latino Studies - SB, D1
CJ 360	Juvenile Justice	PAS 247	Language, Protest and Identity - D1, SB
CJ 403	Prisons and Jails in the United States	PAS 305	Legal Lynchings: A Survey of Race, Law, and the American Justice System
CJ 405	Crimes Against the Elderly	PAS 313	Urban Ritual Violence
CJ 415	Substance Abuse, Crime and Criminal Justice	PAS 324	Politics, Political Violence and Black Resistance
CJ 425	Profiling Violent Crimes	PAS 327	Politics of the Black Community - SB, D1
CJ 430	Environmental Crime	PAS 329	Slave Trade and Slavery
CJ 440	Human Trafficking: Critical Thinking About Modern-Day Slavery	PAS 355/TA 326	Cultural Diversity in Performance - AH, D1
CJ 493	Police and the Community	PAS 363/POLS 320	Civil Rights and the Law II
CJ 519	Domestic and Family Violence	PAS 374	The Black Power Movement
CJ 523	Race and Gender Issues in Criminal Justice - WR	PAS 392/WGST 343/SOC 392	Faces of Global Poverty - WR
CJ 597	Ethics in Criminal Justice - WR	PAS 412	The Underground Railroad and American Memory
COMM 275	African-American Communication - D1, SB	PAS/WGST/HIST/SCHG 513	U.S. Social Justice Movements
COMM 301	Special Topics in Communication	PAS 514	History of Pan-African Social Thought
COMM/WGST 324	Communication and Gender	PAS 520	The Black Family - WR
COMM 328	Introduction to Urban Communication	PAS 532	Slave Trade and Slavery in the African World
COMM 435	Media, Culture and Society	PAS/ENGL 575	Genre Studies in African-American Literature
COMM 450	Advanced Intercultural Communication - CUE, WR	PHIL 222	Contemporary Moral Problems - AH
COMM 555	Persuasive Movements	PHIL 308	Social and Political Philosophy
ENGL 342	Black Women Novelists - AH, D2, WR	PHIL 318/WGST 360	Philosophy and Feminism - D1, AH
ENGL 368	Minority Traditions in English Literatures - D2, AH	PHIL 319	Philosophy of Race and Racism - AH, D1
ENGL 369	Minority Traditions in American Literature - D1, AH	PHIL 328	Environmental Ethics
ENGL 373	Women and Global Literature - D2, AH		
ENGL 374	Gender and Children's Literature - AH, D1		
ENGL 375	LGBTQ Literature in the United States - AH, D1		
ENGL 423	Special Topics: African-American Literature Before 1900 - WR		
ENGL 549	Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE		
ENGL 550	Studies in African-American Literature - CUE		
ENGL 554	Women's Personal Narratives - CUE		
ENGL 567	Special Topics: Post-Colonial Voices: Writing Experience in African Literature - CUE, WR		

PHIL 529	Philosophy of Emotions	SOC/SCHG 453	Social Change
PHIL 535	Political Philosophy	SOC 454	Social Inequality & Stratification - WR, CUE
PHIL/SCHG 538	Critical Social Theory	SOC/WGST 460	Gender in the Middle East
PHIL/WGST 582	Gender, Race, and Culture in Health Care	SOC 464	Race and Ethnicity - WR, CUE
PHIL 583	Health Care, Justice & Community	SOC 470	Political Sociology - CUE
POLS 313	Constitutional Law	SOC/WGST 512	Gender, Race, Work, and Welfare
POLS 314	Judicial Politics	SPAD 571	Sport for Development and Peace
POLS 315	Race, Law and Politics - SB, D1	TA 326/ PAS 355	Cultural Diversity in Performance - D1, AH
POLS 318	Religion and United States Politics - D1, SB	WGST 312/ SOC 343	Sociology of Women's Health
POLS 319	Media and Politics	WGST/POLS 323	Queer Politics
POLS 320/ PAS 363	Civil Rights and the Law II	WGST/COMM 324	Communication and Gender
POLS/WGST 323	Queer Politics	WGST 343/ PAS 392/SOC 392	Faces of Global Poverty - WR
POLS 324/ WGST 355	Women in American Politics	WGST 355/ POLS 324	Women in American Politics
POLS 327	African-American Politics - D1, SB	WGST 360/ PHIL 318	Philosophy and Feminism - D1, AH
POLS 330	International Relations	WGST/SOC 460	Gender in the Middle East
POLS 331	The United Nations and International Organization - WR	WGST/SOC 512	Gender, Race, Work, and Welfare
POLS 332	International Law - WR	WGST/SCHG/ PAS 513	U.S. Social Justice Movements
POLS 334	The Politics of Global Economic Relations	WGST 558/ POLS 563	Women in Developing Countries - WR
POLS 384	Democracy and Its Critics - WR	WGST/PHIL 582	Gender, Race and Culture in Health Care
POLS 386	Political Theory and Utopia - WR		
POLS 387	American Utopian Communities		
POLS 520	Coping with Conflict		
POLS 563/ WGST 558	Women in Developing Countries - WR		
PSYC 366	Multicultural Psychology - WR		
PSYC 407	Community Internships in Psychology - CUE		
PSYC 408	International Service Learning and Research - CUE		
SCHG/SOC 453	Social Change		
SCHG/WGST/ PAS/HIST 513	U.S. Social Justice Movements		
SCHG/PHIL 538	Critical Social Theory		
SW 201	Introduction to Social Work - D1, SB		
SW 202	Intimate and Family Relationships - SB		
SW 352	Child Abuse and Neglect (Child Maltreatment)		
SW 381	Social Gerontology		
SW 464	Social Work and the Law		
SOC 201	Introduction to Sociology - SB		
SOC 202	Social Problems - D1, SB		
SOC 210	Race in the United States - SB, D1		
SOC 305	Urban Sociology		
SOC 315	Environmental Sociology		
SOC 323	Diversity and Inequality		
SOC 343/ WGST 312	Sociology of Women's Health		
SOC 394	Globalization, Culture and Third-World Development		

**Minimum Total Hours** **12**

Special Topics courses may qualify as electives with the approval of both the individual department and the Peace Studies Program Director.

No more than 6 credit hours may count toward both the Social Change Minor and the Certificate in Peace, Justice, and Conflict Transformation.

At least three (3) semester hours of the requirements for a certificate must be successfully completed while enrolled in the University of Louisville.

## Police Executive Leadership Development (CPE)

This program was approved for students entering the university in the Summer 2021–Spring 2022 catalog year. For more information about catalog year, go to Catalog Year Information (p. 73).

### Certificate in Police Executive Leadership Development

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Criminal Justice (<http://www.louisville.edu/justice/>)

Academic Plan Code(s): PEDCPED

The Certificate in Police Executive Leadership Development curriculum is designed to prepare agency sponsored officers for administrative careers in law enforcement. The courses offered have been approved by the University of Louisville and evaluated by the Southern Association of Colleges and Schools. Content of the individual courses as well as the overall content of the program is evaluated periodically and changes made if necessary to meet the needs of the law enforcement community.

Successful applicants are accepted to the Southern Police Institute's Administrative Officers Course and enroll as full-time students in the University of Louisville's College of Arts & Sciences. Applicants who have a baccalaureate degree earned from a regionally accredited institution are enrolled in the graduate certificate option (<http://catalog.louisville.edu/graduate/programs-study/graduate-certificate-police-executive-leadership-development/>) outlined in the Graduate Catalog.

## Program Requirements

The curriculum of the Administrative Officers Course (AOC) of the Southern Police Institute is chosen from the following courses and may be taken only by students regularly enrolled in the Institute.

Code	Title	Hours
CJ 471	Police Administration	3
CJ 473	Legal Issues in Police Administration	3
CJ 477	Organizational Behavior in Law Enforcement	3
CJ 576	Managing Organizational Performance	3
CJ 578	Criminal Justice Leadership - WR	3
<b>Minimum Total Hours</b>		<b>15</b>

## Graduate Programs and Professional Study



### The Graduate School

The Graduate School administers graduate degree programs in arts & sciences, business, dentistry, education, engineering, interdisciplinary studies, medical sciences, music, nursing, public health and social work. There are over 35 doctoral programs, more than 75 master's-level programs, and over 20 graduate certificate programs, along with Rank I programs for certified teachers.

For more information on the Graduate School, please call (502) 852-6495 or, for a complete listing of programs, refer to the Graduate Catalog (<http://catalog.louisville.edu/graduate/>).

## Professional Schools

The University of Louisville includes three schools that offer professional degrees: the School of Dentistry, the Louis D. Brandeis School of Law, and the School of Medicine.

For information on pre-professional curriculum and admissions requirements of the professional schools, students should contact the Arts & Sciences Advising Center.

### The School of Dentistry

In addition to an undergraduate Bachelor of Science in Dental Hygiene, the School of Dentistry offers graduate and professional degree programs. They are the Doctor of Dental Medicine (DMD), Master of Science in Oral Biology (MS), and Master of Science in Dentistry (MSD) combined with an advanced specialty certificate in endodontics, orthodontics, pediatric dentistry, periodontics, and prosthodontics.

At the time of application, DMD applicants must have a minimum of 90 college credit hours with at least 35 hours of biomedical science course work, including courses in biology, general chemistry, organic chemistry, biochemistry and physics, along with recommended coursework in microbiology, anatomy, physiology, histology and immunology.

The master's degree in oral biology program includes graduate level courses provided by graduate faculty within the School of Dentistry. This program is directed toward a general understanding of the biology of dental science. Students obtain detailed knowledge and necessary skills required to perform biologic research. For more information, see the UofL Graduate Catalog.

The School of Dentistry offers a program of study leading to the master of science degree in dentistry for postgraduate students/residents enrolled in the advanced specialty certificate programs in endodontics, orthodontics, pediatric dentistry, periodontics, and prosthodontics.

To apply, please contact the appropriate program director of each program at [louisville.edu/dentistry](http://louisville.edu/dentistry) or contact the Office of Postgraduate Education, School of Dentistry, (502) 852-5081.

The bachelor of science in dental hygiene program is a four year program with a lower and upper division. Students complete the lower division requirements on the Belknap Campus and then apply for competitive admission to the dental hygiene upper division which is housed in the School of Dentistry on the Health Sciences Center Campus.

More detailed information about admission requirements and application procedures may be obtained at the School of Dentistry website (<https://louisville.edu/dentistry/>) or by contacting the Office of Student Affairs, School of Dentistry, (502) 852-5081.

### The Louis D. Brandeis School of Law

#### Degree Programs

The Brandeis School of Law offers a Juris Doctor (JD) degree. The program accommodates both full-time and part-time study. Full-time students complete the JD program in three years; part time students complete in four or five years.

The School of Law also offers eight dual degree programs. These include:

- JD/Master of Arts in Healthcare Ethics
- JD/Master of Arts in Humanities
- JD/Master of Arts in Political Science

- JD/Master of Business Administration
- JD/Master of Divinity
- JD/Master of Public Administration
- JD/Master of Science in Social Work
- JD/Master of Urban Planning.

### Admission Requirements

To qualify for admission, candidates must earn a baccalaureate degree from an accredited institution prior to enrollment. There is no required undergraduate major and there are no pre-requisite courses. Students are encouraged to pick a major that suits their interests and to challenge themselves academically within that major. Students should choose courses that emphasize critical thinking, analysis, writing, and communication skills. These skills are necessary for the study of law. Except as noted below, all candidates must take the Law School Admission Test (LSAT) to qualify for admission.

More detailed information about admission requirements and application procedures can be obtained at [louisville.edu/law/admissions](http://louisville.edu/law/admissions) or by calling the Law School Office of Admissions (502) 852-6391.

### 3+3 Accelerated Law Program

The law school offers a 3+3 Accelerated Law Program for students pursuing certain undergraduate majors at the University of Louisville. Students studying Criminal Justice, History, or Women's and Gender Studies may apply to begin law school during their senior year of undergraduate study. More information can be obtained from the College of Arts and Sciences (<https://louisville.edu/artsandsciences/academics/accelerated/3plus3/>).

Interested students are encouraged to reach out to undergraduate advisors in one of the three eligible majors for more information.

Students interested in Admission should contact the Office of Admissions at the Brandeis School of Law, at [lawadmissions@louisville.edu](mailto:lawadmissions@louisville.edu).

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## The School of Medicine

Applicants to the first-year class of the University of Louisville School of Medicine are considered individually and are selected based on merit without consideration of race, religion, sex, age, or national origin. The Admissions Committee evaluates an applicant's acceptability based on the premedical record, scores on the Medical College Admission Test (MCAT (<https://students-residents.aamc.org/applying-medical-school/taking-mcat-exam/>)), recommendations from Premedical Advisory Committees, established technical standards for admissions and the applicant's personality and motivation as evaluated by interviews with members of the committee. Complete four-year college preparation is encouraged. Early decision program is encouraged for stellar applicants. Inquiries concerning admission should be addressed to:

### Office of Admissions

Abell Administration Ctr., Rm. 413  
323 East Chestnut St.  
Louisville, Kentucky 40202  
(502) 852-5193 or [medadm@louisville.edu](mailto:medadm@louisville.edu)

Programs of medical education that award the degree of doctor of medicine in the United States and Canada are accredited by the Liaison Committee on Medical Education (LCME). This agency is sponsored by the Association of American Medical Colleges and the American Medical

Association. The University of Louisville School of Medicine is a member of the Association of American Medical Colleges and is accredited by LCME.

**Application Process:** The University of Louisville School of Medicine participates in the American Medical College Application Service (AMCAS). Application materials are available by May at the AMCAS website (<https://students-residents.aamc.org/applying-medical-school/applying-medical-school-process/applying-medical-school-amcas/>).

Upon receipt of the application from AMCAS, the University of Louisville School of Medicine Office of Admissions will email additional application materials to qualified applicants. Completed secondary applications are due in the Office of Admissions by December 1. A processing fee is charged and is not refundable, nor can it be credited toward tuition if the applicant is accepted. The fee may be waived, however, if the applicant has received a fee waiver from AMCAS. More information about the application process can be obtained at: [louisville.edu/medicine/admissions](http://louisville.edu/medicine/admissions) (<http://louisville.edu/medicine/admissions/>).

**Residence status:** Although applications from nonresidents are accepted, residents of Kentucky are given preference for admission. This policy is consistent with the mission of the University of Louisville as a state university. Residency must be established prior to making application. Applications from international students, including those with "Deferred Action for Childhood Arrivals" status (DACA), are accepted. Consistent with the mission of the University of Louisville as a state university, those with significant academic, personal or family ties to Kentucky are given preference. International applicants are considered under the following circumstances:

- The applicant has a pending application for permanent residency status in the United States **and A**) is either married to a U.S. citizen who has an established residence in Kentucky and intends to remain in Kentucky, or B) has numerous members of his or her immediate family who have established residence in Kentucky indefinitely; or
- The applicant is married to the beneficiary of an approved I-140 Petition for Immigrant Worker ("I-140 spouse") and the applicant and the applicant's I-140 spouse are eligible for permanent residency except for delays stemming from backlogs in visa priority dates, and the applicant and the applicant's spouse are presently in an immigration status that is renewable until they obtain permanent residency **and A**) the applicant's I-140 spouse has an established residence in Kentucky and intends to remain in Kentucky, or B) the applicant has numerous members of his or her immediate family who have established residence in Kentucky indefinitely; or
- The applicant has been granted DACA status **and A**) is either married to a U.S. citizen who has an established residence in Kentucky and intends to remain in Kentucky, or B) has numerous members of his or her immediate family who have established residence in Kentucky indefinitely.

All decisions as to whether consideration circumstances exist in a particular application for admission shall be made by the Admissions Dean or the Dean's designee.

International students, including those with a pending application for permanent residency or with DACA status, are not eligible for most federal benefits. Therefore, if these international students are offered admission, they must submit documentation of sufficient funds to cover the cost of completing a medical degree (see estimates (<http://louisville.edu/medicine/financialaid/cost-of-attendance/>)).

The process of selecting medical school applicants involves a variety of considerations including academic, non-academic, and personal characteristics. Admission to medical school requires a strong foundation in the natural sciences (biology, chemistry, mathematics, and physics), highly developed communication skills, and a solid background in the social sciences and humanities. Specific majors are not recommended, but the undergraduate major area of study should be a careful and considered decision. All applicants to medical school must take the Medical College Admission Test. Information about the MCAT and how to apply to medical school are available at AMCAS (<https://students-residents.aamc.org/applying-medical-school/applying-medical-school-process/applying-medical-school-amcas/>). Students considering making application to the University of Louisville School of Medicine should consult the school's website (<http://louisville.edu/medicine/admissions/>) for information about their program, in addition to contacting the College of Arts & Sciences Advising Center, (502) 852-5502, to meet with a pre-health advisor.

### Pre-Optometry

Students who are planning to apply to schools of optometry can fulfill the pre-optometry course requirements at the University of Louisville. The only optometry school in the state of Kentucky is Kentucky College of Optometry at the University of Pikeville (<https://www.upike.edu/KYCO/>).

Various contract spaces made available by the Kentucky Council on Postsecondary Education (<http://cpe.ky.gov/acm/apply-cs.html>). Since schools of optometry vary somewhat in their course requirements for admission, students interested in making application should select schools to which they have an interest in applying so that they can schedule courses to meet requirements for those schools. In general, students planning to make application to schools of optometry will need a minimum of three years of college coursework including a heavy concentration in the natural sciences (biology, chemistry, mathematics, and physics) as well as courses in social sciences and humanities. Many schools of optometry give preference to students who have completed a bachelor's degree; all schools require applicants to take the Optometry Admission Test.

Students considering making application to optometry school should contact the College of Arts and Sciences Pre-Health Professions Advisors (<http://louisville.edu/artsandsciences/advising/student-services/pre-health/>) for more information. Open advising sessions are scheduled during the academic year.

### Pre-Pharmacy

Students who are interested in making application to a school of pharmacy can complete prerequisite course requirements at the University of Louisville. Although requirements for admission to pharmacy schools are similar, they do vary. Students should select schools to which they are interested in applying and schedule courses to meet those requirements. The University of Kentucky College of Pharmacy and Sullivan University are the only schools in Kentucky to offer a pharmacy degree. The degree program involves a four-year professional curriculum leading to the Doctor of Pharmacy degree. Pre-Pharmacy students at the University of Louisville should consult the pharmacy school's website for the undergraduate courses required for admission to this program. Admission to pharmacy schools is competitive.

Students will need two to three years of college coursework with a heavy concentration in the natural sciences in order to meet minimum prerequisites.

All applicants must take the Pharmacy College Admission Test. Students considering making application to pharmacy school should contact the College of Arts and Sciences Pre-Health Professions Advisors (<http://louisville.edu/artsandsciences/advising/student-services/pre-health/>) for more information. Open advising sessions are scheduled during the academic year.

### Pre-Veterinary Medicine

Students planning to apply to schools of veterinary medicine can fulfill pre-veterinary course requirements at the University of Louisville. Since schools may vary somewhat in their requirements, students interested in making application should select schools to which they have an interest in applying so they can schedule courses to meet requirements for those schools.

There is not a school of veterinary medicine in Kentucky. However, Kentucky does have contracts with the following schools in Alabama to reserve spaces for students who are legal residents of Kentucky: Auburn University College of Veterinary Medicine (34 spaces; [vetmed.auburn.edu](http://www.vetmed.auburn.edu/)) and Tuskegee University School of Veterinary Medicine (2 spaces; [tuskegee.edu/cvm](https://www.tuskegee.edu/cvm/) (<https://www.tuskegee.edu/cvm/>)). Admission is competitive with selection made by the respective schools.

Students admitted to either the Auburn or Tuskegee program will be charged in-state tuition, with Kentucky making a payment for each enrolling student for up to four years. This is outlined by the Council on Post-Secondary Education and can be found here: [cpe.ky.gov/acm/apply-cs.html](http://cpe.ky.gov/acm/apply-cs.html) (<http://cpe.ky.gov/acm/apply-cs.html>)

Students interested in making application to schools of veterinary medicine should contact the College of Arts and Sciences Pre-Health Professions Advisors (<http://louisville.edu/artsandsciences/advising/student-services/pre-health/>) for more information. Open advising sessions are scheduled during the academic year.

## Full-Time Faculty

Faculty census term: Fall 2020

Name	Rank	Highest Degree	Department	College or School
Abbott, Jason Paul	Professor*#	PhD, Nottingham Trent University (UK), 1998	Political Science	College of Arts & Sciences
Abolins-Abols, Mikus	Assistant Professor Term	PHD, IN Univ Bloomington, 2017	Biology	College of Arts and Sciences
Abrams, Jamie R	Associate Professor	LLM, Columbia University, 2011 JD, American University, 2002	Law	School of Law
Abramson, Leslie W	Professor	SJD, University of Wisconsin, 1979 JD, University of Michigan, 1971	Law	School of Law
Abu-Kwaik, Yousef	Professor*#	PhD, University at Buffalo, SUNY, 1991	Microbiology & Immunology	School of Medicine
Abusalem, Said Kamel	Associate Professor#	PhD, University of Kentucky, 2006	Nursing	School of Nursing

Acklin, Amy Ingrid	Associate Professor#	MM, University of Louisville, 2000	Performance School of Studies	School of Music	Altiparmak, Nihat	Assistant Professor#	PhD, University of Texas at San Antonio, 2013	Computer Engineering & Computer Science	JB Speed School of Engineering
Adams, Jodi Coffee	Instructor Term	MA, University of Louisville, 2012	Educational Leadership, Evaluation, and Organizational Development	College of Education & Human Development	Amchin, Robert Alan	Professor#	PhD, University of Michigan, 1995	Music	School of Music
Adams, Vincent Joshua	Assistant Professor Term	PhD, University of Chicago, 2014	English	College of Arts & Sciences	Amos, Delaina A	Associate Professor#	PhD, University of California, Berkeley, 1996	Electrical & Computer Engineering	JB Speed School of Engineering
Adelstein, Katharine Emily	Assistant Professor	PHD, University of Virginia, 2016	Nursing	School of Nursing	Anderson, David Ross	Associate Professor#	PhD, University of Pennsylvania, 1995	Chemical Engineering	JB Speed School of Engineering
Ahuja, Manju	Professor#	PhD, University of Pittsburgh, 1995	Computer Information Systems	College of Business	Anderson, Debra Gay	Professor	PHD, Oregon Health Sciences Univ, 1993	English	College of Arts & Sciences
Al-Kawaaz, Mustafa Namir Ghani	Assistant Professor Term	MD, Weill Cornell Medical College, 2013	Pathology	School of Medicine	Andresescu, Viviana	Associate Professor#	PhD, University of Louisville, 2000	Criminal Justice	School of Nursing
Al-Quran, Samer Z	Professor Term	MBBS, University of Science and Technology (Jordan), 1995	Pathology	School of Medicine	Angeli, Claudia Alejandra	Assistant Professor	PHD, Michigan State University, 2001	Bioengineering	College of Arts & Sciences
Alagaraja, Meera	Associate Professor#	PhD, Texas A&M University, 2010	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Angermann, Asaf	Assistant Professor Term	PHD, Goethe Univ of Frankfurt, 2012	Comparative Humanities	College of Arts and Sciences
Alaloul, Fawwaz Abdelqader	Assistant Professor#	PhD, University of Kentucky, 2006	Nursing	School of Nursing	Antimisiaris, Demetra Elizabeth	Associate Professor#	PharmD, University of the Pacific, 1989	Pharmacology & Toxicology	JB Speed School of Engineering
Alard, Pascale	Associate Professor#	PhD, University of Paris-Sud/Paris XI (France), 1992	Microbiology & Immunology	School of Medicine	Antle, Becky F	Professor#	PhD, University of Louisville, 2002	Social Work	Kent School of Social Work
Albrink, Katz, Emily Katherine	Assistant Professor	MM, Manhattan School of Music, 2006	Performance Studies	School of Music	Archuleta, Adrian J	Associate Professor#	PhD, Florida State University, 2010	Social Work	Kent School of Social Work
Aldikacti, Marshall Gul M	Associate Professor#	PhD, University of Pennsylvania, 2001	Sociology	College of Arts & Sciences	Arnold, Craig A	Professor*	JD, Stanford University, 1990	Law	School of Law
Aleshire, Mollie E	Assistant Professor		Nursing	School of Nursing	Arnold, Ashley Lauren	Instructor Term	MA, London Metropolitan University (UK), 2010	Special Education	College of Education & Human Development
Alexander, James E	Associate Professor#	PhD, University of Oklahoma, 1987	Biology	College of Arts & Sciences	Ashlock, Mary Zychowski	Associate Professor#	PhD, Florida State University, 1989	Communication	College of Arts & Sciences
Alexander, Suraj Mammen	Professor#	PhD, Virginia Polytechnic Institute and State University (Virginia Tech), 1977	Industrial Engineering	JB Speed School of Engineering	Atre, Sundar Vedanarayanan	Professor*#	PhD, Pennsylvania State University, 1995	Mechanical Engineering	JB Speed School of Engineering
Almously, Khaldoun	Instructor Term	MA, University of Jordan, 2011	Modern Languages	College of Arts & Sciences	Austin, D. Mark	Professor#	PhD, University of Oklahoma, 1986	Sociology	College of Arts & Sciences
Alphenaar, Bruce William	Professor#	PhD, Yale University, 1991	Electrical & Computer Engineering	JB Speed School of Engineering	Badia, Antonio Emilio	Associate Professor#	PhD, Indiana University, 1997	Computer Engineering & Computer Science	JB Speed School of Engineering

Bai, Lihui	Associate Professor#	PhD, University of Florida, 2004	Industrial Engineering	JB Speed School of Engineering	Bay-Williams, Jennifer M	Professor#	PhD, University of Missouri, 1999	Middle & Secondary Education	College of Education & Human Development
Baik, Moon-He	Associate Professor#	MFA, University of North Texas, 1988	Fine Arts	College of Arts & Sciences	Beattie, Pamela May	Associate Professor#	PhD, University of Toronto (Canada), 1995	Comparative Humanities	College of Arts & Sciences
Baisch, Kristin Nichole	Instructor Term	MSN, University of Louisville, 2010	Nursing	School of Nursing	Beattie, Blake R	Associate Professor#	PhD, University of Toronto (Canada), 1992	History	College of Arts & Sciences
Baixaoli Olmos, Lluís	Assistant Professor#	PhD, Universitat Jaume I (Spain), 2012	Modern Languages	College of Arts & Sciences	Beggan, James Kevin	Professor#	PhD, Univeristy of California, Santa Barbara, 1989	Sociology	College of Arts & Sciences
Baldwin, Richard P	Professor	PhD, Purdue University, 1976	Chemistry	College of Arts & Sciences	Beirne, Sean Devin	Instructor Term		Equine	College of Business
Banerjee, Swagato	Assistant Professor#	PhD, Tata Institute of Fundamental Research (India), 2002	Physics	College of Arts & Sciences	Bennett, Daniel Leroy	Assistant Professor	PHD, Florida State University, 2014	Entrepreneurship	College of Business
Banerjee, Mayukh	Assistant Professor	PHD, Jadavpur University, 2010	Pharmacology and Toxicology	School of Medicine	Berfield, Thomas Austin	Associate Professor#	PhD, University of Illinois, 2008	Mechanical Engineering	JB Speed School of Engineering
Banks, Ansyn Pierre	Associate Professor#	DMA, Indiana University, 2009	Performance Studies	School of Music	Bergman, Mathew John	Assistant Professor#	PhD, University of Louisville, 2012	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development
Barker, Robert Michael	Associate Professor#	PhD, Syracuse University, 1992	Computer Information Systems	College of Business	Bergmeister, Suzanne	Instructor Term	MBA, Cornell University, 1998	Entrepreneurship	College of Business
Barnes, Aaron Jeffrey	Assistant Professor	PHD, Univ of Illinois Urbana, 2020	Marketing	College of Business	Berson, Robert E	Associate Professor#	PhD, University of Louisville, 2000	Chemical Engineering	JB Speed School of Engineering
Baron, Courtney LeeAnn	Assistant Professor	MLIS, Valdosta State University, 2015	Art Library	University Libraries	Bertacco, Simona	Associate Professor#	PhD, University of Genoa (Italy), 2000	Comparative Humanities	College of Arts & Sciences
Barone, Michael James	Professor	PhD, University of South Carolina, 1994	Marketing	College of Business	Bertocci, Gina E	Professor*#	PhD, University of Pittsburgh, 1997	Bioengineering	JB Speed School of Engineering
Barr-Pulliam, Dereck Donnell	Assistant Professor	PHD, University of Mississippi, 2014	Accountancy	College of Business	Bertocci, Karen Leigh	Associate Professor#	PhD, University of Pittsburgh, 2004	Bioengineering	JB Speed School of Engineering
Barrett, Lisa Brady-Hensley	Instructor# Term	MSW, University of Louisville, 1999	Social Work	Kent School of Social Work	Best, Latrica Evette	Associate Professor#	PhD, Pennsylvania State University, 2008	Pan African Studies	College of Arts & Sciences
Baumgartner, Kathy B	Professor*#	PhD, University of Texas, 1999	Epidemiology & Population Health	School of Public Health & Information Sciences	Bethel-Jaiteh, Cynethia LaShonda Mae	Instructor Term	MSN, University of Kentucky, 2009	Nursing	School of Nursing
Baumgartner, Richard N	Professor*#	PhD, University of Texas, 1982	Epidemiology & Population Health	School of Public Health & Information Sciences	Bewley, Lee W	Associate Professor# Term	PhD, University of Alabama at Birmingham (UAB), 2005	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development
Baxter, Michelle Leann	Instructor Term	MSN, University of Louisville, 2015	Nursing	School of Nursing	Beyin, Amanuel Yosief	Assistant Professor#	PhD, Stony Brook University, SUNY, 2009	Anthropology	College of Arts & Sciences

Bhaskar, Nageshwar R	Professor#	PhD, Ohio State University, 1978	Civil & Environmental Engineering	JB Speed School of Engineering	Bowman, Brad B	Assistant Professor#	PhD, University of Chicago, 2014	History	College of Arts & Sciences
Bhatia, Bikramjit	Assistant Professor	PHD, Univ Illinois Urbana-Champaign, 2014	Mechanical Engineering	JB Speed School of Engineering	Boyd, Lynn H	Associate Professor#	PhD, University of Georgia, 1999	Management	College of Business
Biberman, Steven Matthew	Professor#	PhD, Duke University, 1998	English	College of Arts & Sciences	Bradley, Mary Elizabeth	Associate Professor#	PhD, University of Virginia, 1991	Mathematics	College of Arts & Sciences
Bickford, Martha E	Professor#	PhD, Duke University, 1989	Anatomical Sciences & Neurobiology	School of Medicine	Bradley, Thomas Gerard	Professor	DMD, University of Bern (Switzerland), 2013	Dentistry	School of Dentistry
Biro, Csaba	Associate Professor#	PhD, Georgia Institute of Technology (Georgia Tech), 2008	Mathematics	College of Arts & Sciences	Bradshaw, Roger Dean	Associate Professor#	PhD, Northwestern University, 1997	Mechanical Engineering	JB Speed School of Engineering
Bjorkman, Lisa Danielle	Assistant Professor#	PhD, New School for Social Research, 2012	Urban & Public Affairs	College of Arts & Sciences	Brainard, Robert Eli	Assistant Professor Term	PhD, University of Louisville, 2012	Physiology	School of Medicine
Black, Karen P	Assistant Professor Term	MSN, Bellarmine University, 2002	Nursing	School of Nursing	Brandi, Jay T	Professor#	PhD, University of Arizona, 1985	Finance	College of Business
Blackburn, R. Thomas	Professor	LLM, Harvard University, 1988 JD, Vanderbilt University, 1971	Law	School of Law	Bratcher, Erika Dawn	Assistant Professor Term	PhD, University of Louisville, 2015	Mathematics	College of Arts & Sciences
Blakely, Craig H	Professor#	PhD, Michigan State University, 1981	Health Management & Systems Sciences	School of Public Health & Information Sciences	Brehob, Ellen Gail	Associate Professor#	PhD, Pennsylvania State University, 1994	Mechanical Engineering	JB Speed School of Engineering
Blum, Mark E	Professor#	PhD, University of Pennsylvania, 1970	History	College of Arts & Sciences	Brody, Christopher	Assistant Professor	PhD, Yale University, 2013	Music	School of Music
Blum, Lisa Marie	Instructor# Term	JD, University at Buffalo, SUNY, 1992	Accountancy	College of Business	Broering, Mara Claire	Assistant Professor Term	PhD, University of Louisville, 2013	Engineering	JB Speed School of Engineering
Bobo, Jennifer L	Instructor Term		Kent School of Social Work	Kent School of Social Work	Brown, Sherri Lynne	Associate Professor#	PhD, University of Tennessee, 2002	Early Childhood & Elementary Education	College of Education & Human Development
Bodduluri, Haribabu	Professor#	PhD, Indian Institute of Science (India), 1983	Microbiology & Immunology	School of Medicine	Brown, David Norvil	Professor#	PhD, Purdue University, 1992	Physics	College of Arts & Sciences
Boehm, Beth A	Professor#	PhD, Ohio State University, 1987	English	College of Arts & Sciences	Brown, Garry Roger	Associate Professor#	MFA, Memphis State University, 1987	Theatre Arts	College of Arts & Sciences
Boone, Stephanie Denkhoff	Assistant Professor Term	PhD, University of Louisville, 2015	Epidemiology & Population Health	School of Public Health & Information Sciences	Browne, Anna T	Assistant Professor	PhD, University of California, Berkeley, 2011	Anthropology	College of Arts & Sciences
Borghuis, Bart Gerard	Assistant Professor#	PhD, Utrecht University (Netherlands), 2003	Anatomical Sciences & Neurobiology	School of Medicine	Bruce, Reginald A	Associate Professor	PhD, University of Michigan, 1989	Management	College of Business
Botero Laverde, Isabel Cristina	Associate Professor Term	PHD, Michigan State Univ, 2005	Entrepreneurship	College of Business	Brueckner-Collins, Jennifer	Professor#	PhD, University of Kentucky, 1997	Anatomical Sciences & Neurobiology	School of Medicine

Brydon-Miller, Mary L	Professor	PhD, University of Massachusetts, 1984	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Byrd, William Carson	Assistant Professor#	PhD, Virginia Polytechnic Institute and State University (Virginia Tech), 2011	Pan African Studies	College of Arts & Sciences
Buchanan, Rhonda Lee	Professor#	PhD, University of Colorado, 1982	Modern Languages	College of Arts & Sciences	Byrd, Jenee' Octavia	Instructor Term	MSN, Indiana Wesleyan University, 2015	Nursing	School of Nursing
Buchanan, Robert Martin	Professor#	PhD, University of Colorado, 1980	Chemistry	College of Arts & Sciences	Byrne, Gregory Patrick	Professor#	DMA, University of Alabama, 1999	Performance Studies	School of Music
Buchino, Susan Theresa	Assistant Professor Term	PhD, University of Louisville, 2016	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Caldwell, Anne	Associate Professor#	PhD, Notre Dame University, 1998	Political Science	College of Arts & Sciences
Buckley, Jessica Belue	Assistant Professor Term	PhD, University of Maryland, 2014	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Callahan, Carolyn Margaret	Professor*#	PhD, Michigan State University, 1985	Accountancy	College of Business
Buckley, David T	Assistant Professor*#	PhD, Georgetown University, 2013	Political Science	College of Arts & Sciences	Calloway, Angela Kaye	Instructor Term	PhD, University of Louisville, 2013	Nursing	School of Nursing
Bufferd, Sara J	Assistant Professor	PHD, Stony Brook University, 2012	Psychology	College of Arts and Sciences	Calvano, Jennifer Ariadne	Assistant Professor#	PhD, University of Colorado, 2016	Theatre Arts	College of Arts & Sciences
Buie, Delinda Stephens	Professor#	MLS, University of Kentucky, 1975	Archives & Special Collections	University Libraries	Calvert, Tiffany C	Assistant Professor#	MFA, Rutgers University, 2005	Fine Arts	College of Arts & Sciences
Bunck, Julie Marie	Professor#	PHD, Univ of Virginia, 1988	Political Science	College of Arts and Sciences	Campbell, Bradley A	Assistant Professor#	PhD, Sam Houston State University, 2015	Criminal Justice	College of Arts & Sciences
Burden, Terry L	Assistant Professor# Term	PhD, Southern Baptist Theological Seminary, 1992	Comparative Humanities	College of Arts & Sciences	Campbell, Melissa Annette	Instructor Term	Edd, University of Cincinnati, 1999	Computer Information Systems	College of Business
Burke, Devin Michael Paul	Assistant Professor#	MA, Case Western Reserve University, 2011	Music	School of Music	Campbell, Peter Scott	Professor Term	MLS, Indiana University, 1988	Law Library	School of Law
Burpo, Brigitte	Assistant Professor Term		Middle and Secondary Education	College of Education and Human Development	Canon, Daniel J	Assistant Professor Term	JD, University of Louisville, 2007	Law	School of Law
Burton, Nefertiti	Professor# Term	MFA, Univ of Mass - Amherst, 1993	Theatre Arts	College of Arts and Sciences	Carini, Robert Michael	Associate Professor#	PhD, Indiana University, 2003	Sociology	College of Arts & Sciences
Buskill, Roger Lyn	Instructor# Term	MS, University of Louisville, 1998	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Carithers, Kirsten L. Speyer	Assistant Professor	PHD, Northwestern University, 2017	Music	School of Music
Buttler, Dwayne K	Professor*#	JD, Indiana University, 1996	University Libraries	University Libraries	Carll, Alex P	Assistant Professor Term	PhD, University of North Carolina, 2012	Physiology	School of Medicine
					Carothers, Mary Ann	Professor#	MFA, Rhode Island School of Design, 1996	Fine Arts	College of Arts & Sciences
					Carter, Sarah C	Assistant Professor	MLS, Indiana University, 2007	Art Library	University Libraries
					Carter, Robert E	Associate Professor#	PhD, University of Cincinnati, 2007	Marketing	College of Business
					Carthens, Shavonnie Renee	Assistant Professor	JD, North Carolina Central Univ, 2005	Law	School of Law

Caruso, John Francis	Professor#	PhD, University of Miami, 1994	Health & Sports Sciences	College of Education & Human Development	Cheng, Alan	Assistant Professor#	PhD, McGill University (Canada), 2003	Biochemistry & Molecular Genetics	School of Medicine
Casella, Carolyn Rose	Assistant Professor#	PhD, University of Wisconsin, 1995	Microbiology & Immunology	School of Medicine	Chisholm, James S	Associate Professor#	PhD, University of Pittsburgh, 2010	Middle & Secondary Education	College of Education & Human Development
Cashon, Cara Helen	Associate Professor#	PhD, University of Texas, 2004	Psychology	College of Arts & Sciences	Chlebowy, Diane Orr	Associate Professor#	PhD, Ohio State University, 2002	Nursing	School of Nursing
Ceresa, Brian P	Professor	PhD, Vanderbilt University, 1995	Pharmacology & Toxicology	School of Medicine	Chopra, Harpreet Kaur	Assistant Professor	MBBS,	Pathology	School of Medicine
Chakraborty, Saurav	Assistant Professor	PHD, University of South Florida, 2020	Computer Information Systems	College of Business	Chou, Yuagshan Kevin	Professor*	PhD, Purdue University, 1994	Industrial Engineering	JB Speed School of Engineering
Chan, Ying Kit	Professor#	MFA, University of Cincinnati, 1983	Fine Arts	College of Arts & Sciences	Chou, Nan-Ting	Associate Professor#	PhD, Ohio State University, 1986	Economics	College of Business
Chandler, Karen M	Associate Professor#	PhD, University of Pennsylvania, 1994	English	College of Arts & Sciences	Chou, Yuagshan Kevin	Professor#	PHD, Purdue University, 1994	Industrial Engineering	JB Speed School of Engineering
Chandler, Renesha Le'shele	Instructor		Reference Assistance & Instruction	University Libraries	Christian, Natalie Susan	Assistant Professor	PHD, IN Univ Bloomington, 2017	Biology	College of Arts and Sciences
Chang, Dar-Jen	Associate Professor#	PhD, University of Michigan, 1982	Computer Engineering & Computer Science	JB Speed School of Engineering	Chung, Donghoon	Associate Professor#	PhD, Korea University (South Korea), 2003	Microbiology & Immunology	School of Medicine
Chao, Yong	Associate Professor#	PhD, University of Southern California, 2010	Economics	College of Business	Clark, Barbara J	Associate Professor#	PhD, University of Texas Southwestern Medical Center, 1992	Biochemistry & Molecular Genetics	School of Medicine
Charron, Carolyn Jeanne	Assistant Professor#	EdD, Columbia University, 2009	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Clark, Geoffrey Justin	Associate Professor#	PhD, University of Manchester (UK), 1989	Pharmacology & Toxicology	School of Medicine
Chastain, Raymond Joseph	Assistant Professor#	PhD, University of Georgia, 2005	Physics	College of Arts & Sciences	Clark, Rudy Renea	Assistant Professor	MSN, Bellarmine University, 2007	Nursing	School of Nursing
Cheek, Steven G	Assistant Professor	MFA, Edinboro University of Pa., 2006	Fine Arts	College of Arts and Sciences	Clark, Paul Richard	Assistant Professor#	PhD, University of Texas at San Antonio, 2010	Nursing	School of Nursing
Chen, Yanyu	Assistant Professor	PhD, Stony Brook University, SUNY, 2017	Mechanical Engineering	JB Speed School of Engineering	Clayton, Dewey M	Professor#	PhD, University of Missouri, 1995	Political Science	College of Arts & Sciences
Chen, ShaoYu	Professor#	PhD, Fujian Agriculture and Forest University (China), 1991	Pharmacology & Toxicology	School of Medicine	Clem, Brian F	Assistant Professor#	PhD, University of Louisville, 2005	Biochemistry & Molecular Genetics	School of Medicine
Chen, Joseph	Assistant Professor	PHD, Vanderbilt University, 2015	Bioengineering	JB Speed School of Engineering	Clukey, Amy B	Assistant Professor#	PhD, Pennsylvania State University, 2009	English	College of Arts & Sciences
Chenault, John Walter	Associate Professor	MLS, University of Kentucky, 2006	Kornhauser Library	University Libraries	Cocco, Adam Renner	Assistant Professor		Health & Sports Sciences	College of Education and Human Development
					Cohn, Robert W	Professor^#	PhD, Southern Methodist University, 1988	Electrical & Computer Engineering	JB Speed School of Engineering
					Coker, Calvin	Assistant Professor	PhD, University of Missouri, 2018	Communications	College of Arts & Sciences

Cole, Marsha Paulette	Assistant Professor#	PhD, University of Kentucky, 2004	Biochemistry & Molecular Genetics	School of Medicine	Crosby, Shantel Deanna	Assistant Professor	PhD, Wayne State University, 2016	Social Work	Kent School of Social Work
Collins, Emmanuel Gye	Professor	PhD, Purdue University, 1987	Mechanical Engineering	School of Engineering	Cross, John T	Professor*	JD, University of Illinois, 1984	Law	School of Law
Collins, James Tristan	Assistant Professor	PHD, University of Oxford, 2010	Microbiology and Immunology	School of Medicine	Crothers, Albert Glenn	Associate Professor	PhD, University of Florida, 1997	History	College of Arts & Sciences
Collins-Camargo, Crystal Elaine	Professor#	PhD, University of Kentucky, 2005	Social Work	Kent School of Social Work	Crump, William Jones	Professor	MD, Vanderbilt University, 1979	Family and Geriatric Medicine	School of Medicine
Combs, Ryan	Assistant Professor# Term	PhD, University of Manchester (UK), 2010	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Crush, Gale Jean	Assistant Professor Term	ME, University of Louisville, 1982	Engineering Fundamentals	JB Speed School of Engineering
Cooper, Justin T	Assistant Professor#	EdD, University of Kentucky, 2001	Special Education	College of Education & Human Development	Cruz, Hilaria	Assistant Professor	PhD, University of Texas, 2014	Comparative Humanities	College of Arts & Sciences
Corbitt, Cynthia	Associate Professor#	PhD, University of Alaska, 1997	Biology	College of Arts & Sciences	Cumberland, Denise Marie	Assistant Professor#	PhD, University of Louisville, 2012	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development
Coty, Mary-Beth	Associate Professor#	PhD, Vanderbilt University, 2004	Nursing	School of Nursing	Cundiff, Shelia Marie	No Academic Rank		Kent School of Social Work	Kent School of Social Work
Courtade, Ginevra R	Associate Professor#	PhD, University of North Carolina at Charlotte, 2006	Special Education	College of Education & Human Development	Cunningham, Anita B	Professor^#	PhD, University of Georgia, 1988	Social Work	Kent School of Social Work
Cox, Fannie Mae	Associate Professor	MLS, Indiana University, 1998	Reference Assistance & Instruction	University Libraries	Cunningham, Michael R	Professor#	PhD, University of Minnesota, 1977	Communication	College of Arts & Sciences
Cox, Jennifer Rose	Assistant Professor Term		Criminal Justice	College of Arts and Sciences	D'Silva, Margaret U	Professor#	PhD, University of Kentucky, 1990	Communication	College of Arts & Sciences
Craddock, Douglas	Assistant Professor Term	PHD, The University of Alabama, 2017	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development	Dalle, Matthieu Stephane M	Associate Professor#	PhD, Pennsylvania State University, 2003	Modern Languages	College of Arts & Sciences
Crawford, Colin	Professor	JD, Harvard Law School, 1988	Law	School of Law	Daniels, Caroline	Professor#	MLS, Simmons College, 2002	Archives & Special Collections	University Libraries
Creel, Liza	Assistant Professor#	PhD, Texas A&M University, 2015	Health Management & Systems Sciences	School of Public Health & Information Sciences	Danovitch, Judith H	Associate Professor#	PhD, Yale University, 2005	Psychology	College of Arts & Sciences
Crespo, Fabian Alberto	Assistant Professor#	PhD, Universidad de Buenos Aires (Argentina), 1998	Anthropology	College of Arts & Sciences	Dantoni, Joan L	Instructor# Term	MA, University of Louisville, 1984	English	College of Arts & Sciences
Croasdaile, Michael	Assistant Professor Term	PhD, University of Nottingham (UK), 2006	Civil & Environmental Engineering	JB Speed School of Engineering	Davis, Byron Keith	Associate Professor Term	EdD, University of Louisville, 2017	Educational Leadership, Evaluation, and Organizational Development	College of Education & Human Development

Davis, Christopher L	Professor#	PhD, Oxford University (UK), 1979	Physics	College of Arts & Sciences	Dials, Justin	Assistant Professor Term	PHD, Ohio State University, 2011	Health & Sports Sciences	College of Education and Human Development
Davis, Brian M	Assistant Professor Term	PhD, University of Oklahoma, 2011	Anatomical Sciences & Neurobiology	School of Medicine	Dibe Gondim, Dibson	Assistant Professor Term	MD, Univ Federal do Rio Grande, 2009	Pathology	School of Medicine
Davis, Erin Michelle	Assistant Professor Term	PhD, University of Oklahoma, 2014	Anatomical Sciences and Neurobiology	School of Medicine	Doane, Christopher P	Professor#	PhD, Ohio State University, 1981	Music	School of Music
Davis, Patricia Diane	Assistant Professor Term		Nursing	School of Nursing	Donner, Katherine Calcamuggio	Assistant Professor	DMA, University of Michigan, 2015	Performance Studies	School of Music
Dawson, Brenda Cherie	Associate Professor#	PhD, Virginia Commonwealth University, 2007	Criminal Justice	College of Arts & Sciences	Dove, Guy Orlando	Associate Professor#	PhD, University of Chicago, 2002	Philosophy	College of Arts & Sciences
Day, Christopher Andrew	Associate Professor#	PhD, Texas State University, 2011	Geography/ Geosciences	College of Arts & Sciences	Dowling, Timothy Edward	Professor#	PhD, California Institute of Technology, 1989	Physics	College of Arts & Sciences
DeCaro, Daniel A	Assistant Professor	PhD, Miami University, 2010	Urban & Public Affairs	College of Arts & Sciences	Doyle, Betty S	Instructor# Term	MEd, University of Louisville, 1993	Early Childhood & Elementary Education	College of Education & Human Development
DeCaro, Marci Sammons	Associate Professor#	PhD, Miami University, 2009	Psychology	College of Arts & Sciences	Dray, Lee	Instructor Term	MA, University of Phoenix, 2008	Modern Languages	College of Arts & Sciences
DeLetter, Mary C	Associate Professor Term	PhD, University of Kentucky, 1991	Nursing	School of Nursing	Drerup, Sarah	Instructor	MLS, University of Washington, 2014	Reference Assistance & Instruction	University Libraries
Della, Lindsay J	Associate Professor#	PhD, University of Georgia, 2006	Communication	College of Arts & Sciences	Dsouza, Stanley	Professor#	PhD, University of Melbourne (Australia), 1985	Physiology	School of Medicine
DeMarco, Paul J	Professor#	PhD, Vanderbilt University, 1989	Psychology	College of Arts & Sciences	Du, Jian	Associate Professor	PhD, University of New Brunswick (Canada), 2008	Physics	College of Arts & Sciences
Denton, Barry D.	Assistant Professor Term	EDD, Spalding University, 2018	Criminal Justice	College of Arts and Sciences	Dubuque, Erick M	Assistant Professor	PHD, University of Nevada, 2012	Special Education	College of Education and Human Development
Depue, Brendan	Assistant Professor*#	PhD, University of Colorado, 2009	Psychology	College of Arts & Sciences	Dugatkin, Lee A	Professor^#	PhD, Binghamton University, SUNY, 1991	Biology	College of Arts & Sciences
Depuy, Gail W	Professor#	PhD, Georgia Institute of Technology (Georgia Tech), 1995	Industrial Engineering	JB Speed School of Engineering	Dumstorf, Thomas Anthony	Instructor# Term	MA, Indiana University, 2003	Modern Languages	College of Arts & Sciences
Desoky, Ahmed H	Associate Professor#	PhD, North Carolina State University, 1983	Computer Engineering & Computer Science	JB Speed School of Engineering	Dupre, Natalie Cecilia	Assistant Professor	DSC, Harvard University, 2017	Epidemiology & Population Health	School of Public Health and Information Scienc
Detmering, Robert K	Associate Professor	MLS, University of Kentucky, 2008	Reference Assistance & Instruction	University Libraries	Durrani, Farooq	Instructor Term	PHD, Temple University, 2020	Finance	College of Business
Devlin, Rebecca Ann	Assistant Professor Term	PhD, University of Florida, 2016	History	College of Arts & Sciences	Eason, Perri Kaye	Professor#	PhD, University of California, Davis, 1991	Biology	College of Arts & Sciences

Eckert, Mitch Lee	Associate Professor#	MFA, Ohio University, 1993	Fine Arts	College of Arts & Sciences	Enoch, Carl L.	No Academic Rank		Kent School of Social Work	Kent School of Social Work
Eckler, Seth	Assistant Professor Term	PHD, University of Kentucky, 2018	Health & Sports Sciences	College of Education and Human Development	Ensign, David J	Professor#	JD, Washburn University, 1982	Law Library	School of Law
Edison, Thomas W	Assistant Professor#	PhD, University of Kentucky, 2002	Modern Languages	College of Arts & Sciences	Ertz, Matthew	Instructor	MLS, Indiana University, 2010	Music Library	University Libraries
Edlin, Freya Marie	No Academic Rank	PHD, U of L, 2013	Psychology	College of Arts and Sciences	Aaron Esmaili Shandiz, Alaleh	Assistant Professor Term	MD, Azad Medical University, 2007	Pathology	School of Medicine
Edmonds, Theodore Alan	Assistant Professor Term	MHA, Tulane University, 1996 JD, Tulane University, 1994	Health & Management Sciences	School of Public Health & Information Sciences	Esterhay, Robert J	Associate Professor Term	MD, Case Western Reserve University, 1969	Health & Management Sciences	School of Public Health & Information Sciences
Edwards, Sidney	Assistant Professor Term	MFA, University of Louisville, 2018	Theatre Arts	College of Arts and Sciences	Estes, Eileen O'Neill	Assistant Professor# Term	PhD, University of Louisville, 2002	Counseling & Human Development	College of Education & Human Development
Eells, Tracy Dwight	Professor#	PHD, UNC - Chapel Hill, 1989	Psychiatry	Office of the Executive Vice President and Uni	Eubank, Veronica Marie	Assistant Professor Term		Nursing	School of Nursing
Egilmez, Nejat K	Professor#	PhD, University at Buffalo, SUNY, 1986	Microbiology & Immunology	School of Medicine	Evens, Gabriel I	Assistant Professor	MA, University of Miami, 2008	Performance Studies	School of Music
Ehrick, Christine T	Associate Professor#	PhD, University of California, Los Angeles (UCLA), 1997	History	College of Arts & Sciences	Ewald, Paul William	Professor#	PhD, University of Washington, 1980	Biology	College of Arts & Sciences
Eisenmenger, Gary Wayne	Instructor Term	BS, University of Kentucky, 1979	Engineering	JB Speed School of Engineering	Falcone, Jeffrey Charles	Associate Professor#	PhD, Indiana University, 1989	Physiology	School of Medicine
El-Baz, Ayman Sabry	Professor#	PhD, University of Louisville, 2006	Bioengineering	JB Speed School of Engineering	Farg, Aly A	Professor#	PhD, Purdue University, 1990	Electrical & Computer Engineering	JB Speed School of Engineering
Elhaj, Imad A	Assistant Professor# Term	PhD, George Washington University, 1995	Finance	College of Business	Farrier, Jasmine L	Professor#	PhD, University of Texas, 2000	Political Science	College of Arts & Sciences
Ellis, Steven R	Professor#	PhD, University of Iowa, 1983	Biochemistry & Molecular Genetics	School of Medicine	Faul, Anna Catharina	Professor#	PhD, Rand Afrikaans University (South Africa), 1996	Social Work	Kent School of Social Work
Elmaghraby, Adel S	Professor#	PhD, University of Wisconsin, 1982	Computer Engineering & Computer Science	JB Speed School of Engineering	Faulds, David J	Associate Professor#	PhD, University of Iowa, 1986	Marketing	College of Business
Elpidorou, Andreas S	Assistant Professor	PhD, Boston University, 2013	Philosophy	College of Arts & Sciences	Fedda, Faysal	Assistant Professor Term	MD, American University of Beirut, 2010	Pathology	School of Medicine
Emery, Sarah M	Associate Professor#	PhD, Michigan State University, 2005	Biology	College of Arts & Sciences	Fernandez, Jose Manuel	Associate Professor#	PhD, University of Virginia, 2008	Economics	College of Business
Enders, Adam M	Assistant Professor	PhD, Michigan State University, 2016	Political Science	College of Arts & Sciences	Fernandez-Botran, Gabino Rafael	Associate Professor#	PhD, University of Kansas Medical Center, 1985	Pathology	School of Medicine
					Ferre, John Patrick	Professor#	PhD, University of Illinois, 1986	Communication	College of Arts & Sciences

Fetalver, Jocelyn F	Instructor Term		BSW Instruction	Kent School of Social Work	Freberg, Karen June	Associate Professor#	PhD, University of Tennessee, 2011	Communications	College of Arts & Sciences
Fiet, James	Professor*#	PhD, Texas A&M University, 1991	Entrepreneurship	College of Business	Frederick, Evan L	Assistant Professor	PhD, Indiana University, 2012	Health & Sports Sciences	College of Education & Human Development
Finch, John T	Instructor# Term	MA, Northern Kentucky University, 1982	Middle & Secondary Education	College of Education & Human Development	Fredriksson, Per Gunnar	Professor	PhD, University of Pennsylvania, 1995	Economics	College of Business
Fink, Gianina Hayes	Assistant Professor Term	PHD, University of South Florida, 2016	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development	Freeman, Lauren Elizabeth	Associate Professor#	PhD, Boston University, 2010	Philosophy	College of Arts & Sciences
Fisher, Benjamin William	Assistant Professor#	PhD, Vanderbilt University, 2016	Criminal Justice	College of Arts & Sciences	Frey, Andy John	Professor	PhD, University of Denver, 2000	Civil & Environmental Engineering	JB Speed School of Engineering
Fitzgerald, R. Christopher	Assistant Professor#	MM, University of Louisville, 1992	Performance Studies	School of Music	Frieboes, Hermann Bueno	Associate Professor#	PhD, University of California, Irvine, 2006	Social Work	Kent School of Social Work
Fleming, Tyler David	Assistant Professor#	PhD, University of Texas, 2009	History	College of Arts & Sciences	Fried, Joel R	Professor#	PhD, University of Massachusetts, 1976	Bioengineering	JB Speed School of Engineering
Flint, Amy Seely	Professor#	PhD, Univeristy of California, Berkeley, 1997	Early Childhood & Elementary Education	College of Education & Human Development	Friesen, Leslie Kay	Instructor Term	BA, University of Louisville, 1980	Chemical Engineering	JB Speed School of Engineering
Fonseca-Greber, Bonnibeth Beale	Associate Professor#	PhD, University of Arizona, 2000	Modern Languages	College of Arts & Sciences	Frigui, Hichem	Professor#	PhD, University of Missouri, 1997	Fine Arts	College of Arts & Sciences
Foster, Michele Lynn	Professor*	Edd, Harvard University, 1982	Early Childhood & Elementary Education	College of Education & Human Development	Fu, Xiao-An	Associate Professor#	PhD, Case Western Reserve University, 2001	Computer Engineering & Computer Science	JB Speed School of Engineering
Foster, Benjamin P	Professor	PhD, University of Tennessee, 1991	Accountancy	College of Business	Fu, Xudong	Assistant Professor	PhD, University of Alabama, 2008	Chemical Engineering	JB Speed School of Engineering
Fowler, Michael Ross	Professor#	JD, Harvard University, 1986	Political Science	College of Arts and Sciences	Fulton, Christopher B	Associate Professor#	PhD, Columbia University, 1993	Finance	College of Business
Fox, Heather Allison	Assistant Professor	MLS, University of Kentucky, 2009	Archives & Special Collections	University Libraries	Fuqua, Joshua L	Assistant Professor# Term	PHD, University of Kentucky, 2010	Pharmacology and Toxicology	School of Medicine
Fox, Robert E	Professor	MLS, Clark Atlanta University, 1991	University Libraries	University Libraries	Fuselier, Linda Catherine	Associate Professor#	PhD, University of Kentucky, 2004	Biology	College of Arts & Sciences
Fraig, Mostafa M	Professor* Term	MD, Tanta University School of Medicine (Egypt), 1984	Pathology	School of Medicine	Futrell, Allan W.	Associate Professor#	PhD, Bowling Green State University, 1984	Communications	College of Arts & Sciences
Franco, Danielle Burkiewicz	Associate Professor Term	PhD, University of Louisville, 2007	Chemistry	College of Arts & Sciences	Gabbard, Jordan Matthew	Instructor Term	MA, University of Kentucky, 2010	Modern Languages	College of Arts & Sciences
Franklin, Elise Susanne	Assistant Professor	PHD, Boston College, 2017	History	College of Arts and Sciences	Gagne, Patricia Lorraine	Professor#	PhD, Ohio State University, 1993	Sociology	College of Arts & Sciences
					Gainous, Jason	Professor#	PhD, University of Florida, 2005	Political Science	College of Arts & Sciences

Galloway, Lynette Michelle	Assistant Professor Term		Nursing	School of Nursing	Gibson, John C	Professor#	PhD, University of Toronto (Canada), 2001	Philosophy	College of Arts & Sciences
Ganote, Cynthia M	Assistant Professor Term	PhD, Vanderbilt University, 2004	Sociology	College of Arts & Sciences	Gie, Gung Min	Assistant Professor#	PhD, Indiana University, 2010	Mathematics	College of Arts & Sciences
Ganzel, Toni Michelle	Professor#	MD, University of Nebraska, 1978	Otolaryngology and Neck Surgery and Communicative Disorders	School of Medicine	Giesel, Grace M	Professor	JD, Emory University, 1985	Law	School of Law
Gardner, Kevin Henry	Professor	PHD, Clarkson University, 1997		Office of the Executive Vice President for Res	Gilderbloom, John I	Professor#	PhD, University of California, Santa Barbara, 1983	Urban & Public Affairs	College of Arts & Sciences
Garrett, Robert Paul	Associate Professor#	PhD, Indiana University, 2008	Entrepreneurship	College of Business	Gill, Ryan S	Professor#	PhD, University of Texas, 2002	Mathematics	College of Arts & Sciences
Gaskins, Jeremy T	Assistant Professor#	PhD, University of Florida, 2013	Bioinformatics & Biostatistics	School of Public Health & Information Sciences	Gipson, Tiffney Ann	Instructor	MLS, University of Kentucky, 2017	Kornhauser Library	University Libraries
Gast, Melanie Toshive Jones	Assistant Professor	PhD, University of California, Davis, 2009	Sociology	College of Arts & Sciences	Giridharan, Anapathur	Professor#	PhD, University of Utah, 2002	Bioengineering	JB Speed School of Engineering
Gaughan, Andrea Elizabeth	Assistant Professor#	PhD, University of Florida, 2011	Geography/ Geosciences	College of Arts & Sciences	Goetzke, Frank	Professor#	PHD, West Virginia Univ, 2006	Urban & Public Affairs	College of Arts and Sciences
Gawley, Kevin Daniel	Assistant Professor	MFA, University of Illinois, 2005	Theatre Arts	College of Arts & Sciences	Gohmann, Stephan F	Professor*	PhD, North Carolina State University, 1984	Economics	College of Business
Gentili, Monica	Associate Professor#	PhD, University of Rome (Italy), 2003	Industrial Engineering	JB Speed School of Engineering	Goldberg, Sarah Tyler	Professor	MLS, Drexel University, 1979	University Libraries	University Libraries
Gentry, Elizabeth Anne	Assistant Professor#	PhD, University of Louisville, 2013	Industrial Engineering	JB Speed School of Engineering	Goldentul, Zhanna	Instructor#	MA, University of Louisville, 2009	Theatre Arts	College of Arts & Sciences
George, Casey Elizabeth	Assistant Professor#	PhD, University of Illinois, 2009	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Golder, Seana	Professor#	PhD, University of Washington, 2001	Social Work	Kent School of Social Work
Gerber, Erin Lynn	Assistant Professor#	PhD, University of Louisville, 2013	Industrial Engineering	JB Speed School of Engineering	Golding, Alan C	Professor#	PhD, University of Chicago, 1980	English	College of Arts & Sciences
Germain, Richard Nicholas	Professor*#	PhD, Michigan State University, 1989	Marketing	College of Business	Goldman, Zachary Wayne	Assistant Professor	PhD, University of West Virginia, 2015	Management	College of Business
Gesler, Rebecca J	Assistant Professor	EDD, Spalding University, 2016	Nursing	School of Nursing	Gorce, Andrea Marie	Assistant Professor	PhD, Georgia Institute of Technology (Georgia Tech), 1989	Chemistry	College of Arts & Sciences
Ghasemi Fare, Omid	Assistant Professor#	PhD, Pennsylvania State University, 2015	Civil & Environmental Engineering	JB Speed School of Engineering	Gosser, Kathleen Elaine	Assistant Professor	PHD, University of Louisville, 2011	Management	College of Business
					Gow, Erin Koehler	Assistant Professor	MA, University of Brighton (UK), 2011	Law Library	School of Law
					Goyal, Sandeep	Associate Professor	PhD, University of Arkansas, 2010	Computer Information Systems	College of Business
					Grady, Kristopher Barrett	Assistant Professor#	PhD, Michigan State University, 2008	Political Science	College of Arts & Sciences
					Graham, James E	Associate Professor#	PhD, Indiana University, 1995	Microbiology & Immunology	School of Medicine

Grant, Joseph S	Assistant Professor Term	PhD, University of Louisville, 2011	Criminal Justice	College of Arts & Sciences	Guido, William	Professor#	PhD, University of North Carolina, 1985	Anatomical Sciences & Neurobiology	School of Medicine
Grapperhaus, Craig Alan	Professor#	PhD, Texas A&M University, 1998	Chemistry	College of Arts & Sciences	Guinn, Brian Eugene	Assistant Professor Term	PHD, University of Louisville, 2018 MPH, University of Louisville, 2015	Epidemiology & Population Health	School of Public Health and Information Scienc
Gravil, Mary Margaret	Assistant Professor Term	PHD, University of Kentucky, 2019	Special Education	College of Education and Human Development	Gulick, Elizabeth E.	Assistant Professor Term	MFA, Vermont College of Fine Arts, 2019	Fine Arts	College of Arts and Sciences
Gray, Tricia Jean	Assistant Professor#	PhD, Miami University, 2000	Political Science	College of Arts & Sciences	Gunaratnam, Bakeerathan	Assistant Professor Term	PhD, Case Western Reserve University, 2013	Bioinformatics & Biostatistics	School of Public Health & Information Sciences
Green, Brittany Diane	Assistant Professor	PHD, Univ of Cincinnati, 2020	Computer Information Systems	College of Business	Gunter, William Scott	Assistant Professor	PHD, Texas Tech University, 2015	Geography/ Geosciences	College of Arts and Sciences
Greene, John Patrick	Professor	PhD, University of Wisconsin, 1991	Modern Languages	College of Arts & Sciences	Gupta, Mahesh C	Professor	PhD, University of Louisville, 1990	Management	College of Business
Greenwell, T. Christopher	Professor	PhD, Ohio State University, 2001	Health & Sports Sciences	College of Education & Human Development	Gupta, Ramesh	Professor**#	PhD, University of Roorkee (India), 1972	Pharmacology & Toxicology	School of Medicine
Gregg, Ronald G	Professor**#	PhD, University of Queensland (Australia), 1983	Biochemistry & Molecular Genetics	School of Medicine	Hachten, Dale Fredrick	Instructor Term	MA, Ohio State University, 1982	English	College of Arts & Sciences
Griner, Paul F	Professor#	MA, Syracuse University, 1989	English	College of Arts & Sciences	Hadizadeh, Jafar	Professor#	PhD, Imperial College, London (UK), 1980	Geography/ Geosciences	College of Arts & Sciences
Groenewold, Melissa	Instructor Term	MA, University of Louisville, 2003	Modern Languages	College of Arts & Sciences	Hadley, Karen C	Associate Professor#	PhD, Univeristy of California, Berkeley, 1994	English	College of Arts & Sciences
Gross, Jacob Paul King	Associate Professor#	PhD, Indiana University, 2008	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Hagan, Michael Patrick	Assistant Professor# Term	PhD, University of Louisville, 2009	Comparative Humanities	College of Arts & Sciences
Grossi, Elizabeth Lynn	Associate Professor#	PhD, Indiana University of Pennsylvania, 1992	Criminal Justice	College of Arts & Sciences	Hall, Lynne A	Professor#	DrPH, University of North Carolina at Chapel Hill, 1983	Nursing	School of Nursing
Grote, Lidiya	Assistant Professor	MLIS, University of Michigan, 2011	Reference Assistance & Instruction	University Libraries	Hall, Ann Christine	Professor#	PhD, Ohio State University, 1988	Comparative Humanities	College of Arts & Sciences
Groves, Frank Dunbar	Associate Professor#	MD, Louisiana State University, 1988	Epidemiology & Population Health	School of Public Health & Information Sciences	Hall, Timothy Scott	Professor	JD, Cornell Law School, 1993	Law	School of Law
Guan, Jian	Associate Professor#	PhD, University of Louisville, 1992	Computer Information Systems	College of Business	Hall, Martin T	Associate Professor	PhD, University of North Carolina, 2009	Social Work	Kent School of Social Work
Guerra, Damian D	Assistant Professor	PHD, Univ of California - Davis, 2013	Biology	College of Arts and Sciences	Hall, Anita Riley	Assistant Professor	MLIS, University of Pittsburgh, 2009	University Libraries	University Libraries
					Hambrick, Marion Evan	Associate Professor#	PhD, University of Louisville, 2010	Health & Sports Sciences	College of Education & Human Development

Hammash, Muna Hassan	Assistant Professor#	PhD, University of Kentucky, 2010	Nursing	School of Nursing	Hartson, Kimberly Rapp	Assistant Professor	MS, University of Colorado, 2014	Nursing	School of Nursing
Hammond, Gerald B	Professor*#	PhD, University of Birmingham (UK), 1985	Chemistry	College of Arts & Sciences	Hasan, Nazarul	Assistant Professor Term	PhD, Jawaharlal Nehru Medical College (India), 2007	Biochemistry & Molecular Genetics	School of Medicine
Han, Dan	Assistant Professor	PHD, UNC at Charlotte, 2019	Mathematics	College of Arts and Sciences	Hattab, Eyas M	Professor*#	MD, Jordan University, 1994	Pathology	School of Medicine
Hancock, Margaret G	Assistant Professor	PhD, University of Louisville, 2012	Health & Sports Sciences	College of Education & Human Development	Hatteberg, Kent E	Professor#	DMA, University of Iowa, 1995	Performance Studies	School of Music
					Haugen, Jenna Ellen	Assistant Professor Term	PhD, University of Kansas, 2015	Management	College of Business
Handa, Sachin	Assistant Professor#	PhD, Oklahoma State University, 2013	Chemistry	College of Arts & Sciences	Hausladen, Robert H	Instructor Term		Marketing	College of Business
Hanson, Stephen S	Associate Professor#	PhD, Georgetown University, 2002	Philosophy	College of Arts & Sciences	Haworth, Barry M	Assistant Professor	PhD, University of California, Davis, 1994	Economics	College of Business
					Haws, Jonathan A	Professor*#	PhD, University of Wisconsin, 2003	Anthropology	College of Arts & Sciences
Hardin, Sonya	Professor#	PhD, University of Colorado Health Sciences Center, 1990	Nursing	School of Nursing	Hayden, Dedra Marie	Assistant Professor Term	MSN, University of Louisville, 2009	Nursing	School of Nursing
Hardin-Fanning, Frances Dean	Professor	PHD, University of Kentucky, 2011	Nursing	School of Nursing	Haynes, Lora Diane	Associate Professor# Term	PhD, University of Louisville, 1997	Psychology	College of Arts & Sciences
Harman, Kathryn Ann-Elizabeth	Assistant Professor Term	PhD, University of Louisville, 2016	Health & Sports Sciences	College of Education & Human Development	He, Zijiang	Professor^#	PhD, University of Alabama, 1990	Psychology	College of Arts & Sciences
Harnett, Cindy Kathleen	Associate Professor#	PhD, Cornell University, 2000	Electrical & Computer Engineering	JB Speed School of Engineering	He, Liqing	Assistant Professor Term	PHD, Xi'an Jiaotong University, 2016	Chemistry	College of Arts and Sciences
Harrington, Candace Currie	Assistant Professor	PHD, East Carolina University, 2018	Nursing	School of Nursing	Heberle, Lauren	Associate Professor#	PhD, Rutgers University, 2003	Sociology	College of Arts & Sciences
Harris, Lesley Beth	Assistant Professor	PhD, University of California, Los Angeles (UCLA), 2014	Social Work	Kent School of Social Work	Heim, David Bruce	Professor#	MM, University of Tulsa, 1990	Performance Studies	School of Music
					Hein, David W	Professor*#	PhD, University of Michigan, 1982	Pharmacology & Toxicology	School of Medicine
Harris, Muriel Jean	Associate Professor# Term	PhD, University of South Carolina, 2000	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Heinecken, Dawn	Professor#	PhD, Bowling Green State University, 1999	Women's, Gender & Sexuality Studies	College of Arts & Sciences
Harris, Robin Rae	Professor	MLS, University of Kentucky, 1981	Law Library	School of Law	Herring, Nicole Renee	Assistant Professor# Term	PhD, University of Cincinnati, 2007	Anatomical Sciences & Neurobiology	School of Medicine
Harris, Matthew T	No Academic Rank		Kent School of Social Work	Kent School of Social Work	Herzinger, Kyna R	Assistant Professor	MLIS, University of South Carolina, 2010	Archives & Special Collections	University Libraries
Harris, Patrick D.	Professor#	PHD, Northwestern University, 1967	Physiology	School of Medicine	Hieb, Jeffrey Lloyd	Associate Professor#	PhD, University of Louisville, 2008	Engineering Fundamentals	JB Speed School of Engineering
Hart, Joy Lynn	Professor#	PhD, University of Kentucky, 1988	Communication	College of Arts & Sciences	Higdon, Amy Marie	Assistant Professor Term	MSN, Western Kentucky University,	Nursing	School of Nursing

Higgins, George Edward	Professor#	PhD, Indiana University of Pennsylvania, 2001	Criminal Justice	College of Arts & Sciences	Howell, Penny Brooke	Associate Professor#	EdD, Columbia University, 2004	Middle & Secondary Education	College of Education & Human Development
Hill, Margaret	Associate Professor#	DMD, University of Louisville, 1987	Dentistry	School of Dentistry	Howell, Amanda Kay	Instructor Term	MSN, Western Governors University, 2015	Nursing	School of Nursing
Hillmer, Rachel K	Assistant Professor#	MFA, Virginia Commonwealth University, 2013	Theatre Arts	College of Arts & Sciences	Hoyt, Lenore Karol	Associate Professor# Term	PhD, University of Tennessee, 1997	Chemistry	College of Arts & Sciences
Hilyerd, William A	Associate Professor	JD, University of Louisville, 1996	Law Library	School of Law	Hsu, Keng Hao	Associate Professor	PHD, University of Illinois,	Mechanical Engineering	JB Speed School of Engineering
Himes, Paul R	Assistant Professor#	PhD, Michigan State University, 2009	Biology	College of Arts & Sciences	Hu, Changbing	Associate Professor#	PhD, Indiana University, 2002	Mathematics	College of Arts & Sciences
Hindy, Nicholas Carl	Assistant Professor	PhD, University of Pennsylvania, 2012	Psychology	College of Arts & Sciences	Hua, Shiping	Professor#	PhD, University of Hawaii, 1993	Political Science	College of Arts & Sciences
Hines-Martin, Vicki	Professor#	PhD, University of Kentucky, 1994	Nursing	School of Nursing	Huang, Ying	Associate Professor#	PhD, University of Kansas, 2010	Accountancy	College of Business
Hirschy, Amy Seleste	Assistant Professor#	PhD, Vanderbilt University, 2004	Counseling & Human Development	College of Education & Human Development	Huang, Minjie	Assistant Professor	PhD, University of Kansas, 2016	Finance	College of Business
Holaday, Jill Michelle	Assistant Professor Term	PHD, University of Iowa, 2018	Fine Arts	College of Arts and Sciences	Hubscher, Charles H	Professor#	PhD, Florida State University, 1994	Anatomical Sciences & Neurobiology	School of Medicine
Holtze, Terri L	Professor	MLS, University of Wisconsin-Milwaukee, 1996	University Libraries	University Libraries	Hufbauer, Benjamin	Associate Professor#	PhD, University of California, Santa Barbara, 1999	Fine Arts	College of Arts & Sciences
Holwerda, Benne W	Associate Professor	PhD, University of Groningen (Netherlands), 2005	Physics	College of Arts & Sciences	Hughes, Thomas	Associate Professor#	PhD, University of Cincinnati, 2000 JD, University of Dayton, 1991	Criminal Justice	College of Arts & Sciences
Hong, Kyung	Assistant Professor Term	PhD, University of Rochester, 2003	Pharmacology and Toxicology	School of Medicine	Humphrey, Ashley Rae	Instructor Term		Nursing	School of Nursing
Hood, Joshua L	Assistant Professor#	MD, University of Kentucky, 2006 PHD, University of Kentucky, 2004	Pharmacology & Toxicology	School of Medicine	Humphreys, Melissa Lynn	Instructor Term	MSN, University of Louisville, 2001	Nursing	School of Nursing
Hopp, Rachel Marie Phipps	Assistant Professor Term	PhD, University of Texas Health Science Center, 1999	Biology	College of Arts & Sciences	Hums, Mary	Professor#	PhD, Ohio State University, 1992	Health & Sports Sciences	College of Education & Human Development
Horner, Bruce M	Professor*#	PhD, University of Pittsburgh, 1988	English	College of Arts & Sciences	Huntington-Moskos, Luz Guiomar	Assistant Professor#	PhD, University of Alabama at Birmingham (UAB), 2013	Nursing	School of Nursing
Howard, Rachel Irene	Associate Professor	MLS, University of Washington, 2006	Archives & Special Collections	University Libraries	Hutcheson, Gregory	Associate Professor#	PhD, Harvard University, 1993	Modern Languages	College of Arts & Sciences
Howard, Alexandra Leigh	No Academic Rank		Reference Assistance & Instruction	University Libraries	Hwangbo, DaeSung	Assistant Professor	PHD, University of Rochester, 2012	Biology	College of Arts and Sciences
Howarth, David A	Professor#	PhD, Ohio State University, 1979	Geography/ Geosciences	College of Arts & Sciences	Im, Ghiyoung	Associate Professor	PhD, Georgia State University, 2007	Computer Information Systems	College of Business

Imam, Ibrahim Najati	Associate Professor#	PhD, Auburn University, 1982	Computer Engineering & Computer Science	JB Speed School of Engineering	Jett, David Michael	Instructor Term	MS, University of Louisville, 2004	Health & Sports Sciences	College of Education & Human Development
Imbroscio, David L	Professor#	PhD, University of Maryland, 1993	Political Science	College of Arts & Sciences	Johmann, Robert M	Assistant Professor Term	PhD, Indiana University, 1992	Comparative Humanities	College of Arts & Sciences
Immekus, Jason Cullen	Associate Professor#	PhD, Purdue University, 2006	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Johnson, David Anthony	Assistant Professor Term	PhD, University of Louisville, 2005	Health Management & Systems Sciences	School of Public Health & Information Sciences
Inanc, Tamer	Associate Professor#	PhD, Pennsylvania State University, 2002	Electrical & Computer Engineering	JB Speed School of Engineering	Johnson, Christopher E	Professor#	PhD, University of Minnesota, 1998	Health Management & Systems Sciences	School of Public Health & Information Sciences
Ingle, William K	Associate Professor#	PhD, Florida State University, 2007	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Johnson, Timothy S	Assistant Professor#	PhD, University of Wisconsin, 2014	English	College of Arts & Sciences
Izumov, Alexei	Associate Professor#	PhD, Academy of Sciences (USSR), 1985	Economics	College of Business	Johnson, Evangeline	No Academic Rank	PHD, University of Louisville, 2012	Health & Sports Sciences	College of Education and Human Development
Jackson, Billy Joe	Assistant Professor Term	PhD, Baylor University, 2007	Mathematics	College of Arts & Sciences	Leuze, Vicki	Academic Rank			
Jacobi-Vessels, Jill Lynn	Associate Professor# Term	PhD, University of Louisville, 2008	Early Childhood & Elementary Education	College of Education & Human Development	Johnston, Sheila Ann	Instructor	MS, University of Cincinnati, 1992	Accountancy	College of Business
Jaeger, Vance W	Assistant Professor	PhD, University of Washington, 2015	Chemical Engineering	JB Speed School of Engineering	Jones, Ricky L	Professor#	PhD, University of Kentucky, 1996	Pan African Studies	College of Arts & Sciences
Jaggers, Jason R	Assistant Professor#	PhD, University of South Carolina, 2010	Health & Sports Sciences	College of Education & Human Development	Jones, Johnny L	Assistant Professor#	MFA, California Institute of the Arts, 2009	Theatre Arts	College of Arts & Sciences
Jala, Venkatakrisna Rao	Assistant Professor# Term	PhD, Indian Institute of Science (India), 2001	Microbiology & Immunology	School of Medicine	Jones, Gabriel	Instructor Term	PHD, University of Louisville, 2019	Health Promotion & Behavioral Sciences	School of Public Health and Information Scienc
Jayanthi, Chakram S	Professor#	PhD, Indian Institute of Technology (India), 1981	Physics	College of Arts & Sciences	Jordan, Karen A	Professor	JD, Indiana University, 1990	Law	School of Law
Jemian, Rebecca Ann	Assistant Professor#	PhD, Indiana University, 2001	Music	School of Music	Jordan, Karen A	Professor	JD, Indiana University, 1990	Law	School of Law
Jenkins, David Allen	Professor	PhD, Florida State University,	Social Work	Kent School of Social Work	Joshua, Irving Gilbert	Professor#	PhD, Pennsylvania State University, 1976	Physiology	School of Medicine
Jennings, Thomas A	Assistant Professor	PhD, Texas A&M University, 2012	Anthropology	College of Arts & Sciences	K'Meyer, Tracy Elaine	Professor#	PhD, University of North Carolina, 1993	History	College of Arts & Sciences
Jennings, J'Aime C	Assistant Professor#	PhD, University of Alabama at Birmingham (UAB), 2015	Health Management & Systems Sciences	School of Public Health & Information Sciences	Kahle-Piasecki, Lisa Marie	Associate Professor Term	PHD, University of Toledo, 2011	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development

Kakar, Sham Sunder	Professor#	PhD, Kurukshetra University (India), 1983	Physiology	School of Medicine	Kim, Young Hoon	Associate Professor#	PhD, Texas A&M University, 2008	Civil & Environmental Engineering	JB Speed School of Engineering
Kantardzic, Mehmed	Professor#	PhD, University of Sarajevo (Bosnia and Herzegovina/ Yugoslavia), 1980	Computer Engineering & Computer Science	JB Speed School of Engineering	Kim, Jung hwa	Assistant Professor Term	PHD, Indiana University, 2010	Mathematics	College of Arts and Sciences
Karimi, Seyed Mohammad	Assistant Professor	PHD, Univ Illinois Urbana-Champaign, 2014	Health Management & Systems Sciences	School of Public Health and Information Scienc	Kimbell, Elizabeth	Instructor Term	MBA, University of Louisville, 1996	Communicati	College of Arts & Sciences
Kate, Kunal H	Assistant Professor	PhD, Oregon State University, 2015	Mechanical Engineering	JB Speed School of Engineering	Kinahan, Kelly L	Assistant Professor#	PhD, Virginia Commonwealth University, 2008	Urban & Public Affairs	College of Arts & Sciences
Keeley, Theresa Marie	Assistant Professor#	PhD, Northwestern University, 2013	History	College of Arts & Sciences	Kinchen, Shirletta Jeanette	Assistant Professor#	PhD, University of Central Oklahoma, 2011	Pan African Studies	College of Arts & Sciences
Keisling, Bruce L	Associate Professor	MLS, Catholic Univ of America, 1995		University Libraries	King, Kristi Mcclary	Associate Professor#	PhD, Southern Illinois University, 2008	Health & Sports Sciences	College of Education & Human Development
Kelderman, Frank P	Assistant Professor	PhD, University of Michigan, 2015	English	College of Arts & Sciences	King, Sidney	Associate Professor#	BA, Indiana University Southeast, 1999	Performance Studies	School of Music
Kelly, Janet Marie	Professor#	PhD, Wayne State University, 1992	Urban & Public Affairs	College of Arts & Sciences	King, David Paul	Instructor Term		Kornhauser Library	University Libraries
Kelly, Brandy Nicolle	Assistant Professor Term	PhD, Texas A&M University, 2013	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Kleinkopf, Kathryn Willey	Assistant Professor	PHD, Univ of TN - Knoxville, 2019	Comparative Humanities	College of Arts and Sciences
Kendra, Stephen John	Instructor Term	MBA, National University, 1980	Computer Information Systems	College of Business	Kline, Audrey D	Associate Professor#	PhD, Auburn University, 1993	Economics	College of Business
Kendrick, Jennifer Irene Schinke	No Academic Rank		Kent School of Social Work	Kent School of Social Work	Klinge, Carolyn Muriel	Professor^#	PhD, Pennsylvania State University, 1984	Biochemistry & Molecular Genetics	School of Medicine
Kerr, Jelani Calhoun	Assistant Professor#	PhD, University of South Carolina, 2009	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Kluger, Robert M	Assistant Professor	PhD, University of Virginia, 2016	Civil & Environmental Engineering	JB Speed School of Engineering
Kerrick, Sharon Ann	Associate Professor	PHD, Univ of Louisville, 2008	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development	Koenig, Steven Christopher	Professor*#	PhD, University of Texas, 1996	Bioengineering	JB Speed School of Engineering
Kezdy, Andre	Professor#	PhD, University of Illinois, 1991	Mathematics	College of Arts & Sciences	Koenig, Abigail Tzivia	Assistant Professor Term	PHD, Texas Tech University, 2019	Management	College of Business
Kidd, LaCreis Renee	Associate Professor*#	PhD, Massachusetts Institute of Technology, 1997	Pharmacology & Toxicology	School of Medicine	Kofman, Michal X	Assistant Professor Term	PhD, University of Calgary (Canada), 2014	Sociology	College of Arts & Sciences
Kielkopf, John F	Professor#	PhD, Johns Hopkins University, 1969	Physics	College of Arts & Sciences	Kolers, Avery Harman	Professor#	PhD, University of Arizona, 2000	Philosophy	College of Arts & Sciences
					Kondaurova, Maria Vladimirovna	Assistant Professor#	PhD, Purdue University, 2008	Psychology	College of Arts & Sciences
					Kong, Maiying	Associate Professor#	PhD, Indiana University, 2004	Bioinformatics & Biostatistics	School of Public Health & Information Sciences
					Kopechek, Jonathan Andrew	Assistant Professor#	PhD, University of Cincinnati, 2012	Bioengineering	JB Speed School of Engineering

Kopelson, Karen Lynn	Associate Professor#	PhD, Purdue University, 2002	English	College of Arts & Sciences	LaJoie, Andrew Scott	Associate Professor#	PhD, University of Louisville, 2003	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences
Kosiewicz, Michele Marie	Associate Professor#	PhD, Binghamton University, SUNY, 1992	Microbiology & Immunology	School of Medicine	Lambert, Thomas	Instructor Term	PhD, University of Louisville, 1997	Economics	College of Business
Kouokam, Joseph	Assistant Professor#	PhD, University of Saarland (Germany), 2002	Pharmacology & Toxicology	School of Medicine	Land, William Reese	Assistant Professor#	DMA, University of Illinois, 2007	Performance Studies	School of Music
Koven, Steven G	Professor#	PhD, University of Florida, 1982	Urban & Public Affairs	College of Arts & Sciences	Landrum, Timothy James	Professor#	PhD, University of Virginia, 1990	Special Education	College of Education & Human Development
Kozlowski, Pawel	Professor#	PhD, University of Arizona, 1992	Chemistry	College of Arts & Sciences	Laning, Melissa A	Professor	MLS, University of Michigan, 1978	University Libraries	University Libraries
Krebs, Daniel	Associate Professor#	PhD, Emory University, 2007	History	College of Arts & Sciences	Lapadat-Tapolsky, Mary Angela	Instructor Term	PHD, UNC at Chapel Hill, 1989	Entrepreneurship	College of Business
Krimm, Robin Frances	Professor#	PhD, University of Virginia, 1996	Anatomical Sciences & Neurobiology	School of Medicine	Larson, Ann Elisabeth	Professor#	PhD, University of Illinois, 1998	Middle & Secondary Education	College of Education & Human Development
Kubicka, Ewa M.	Professor#	PhD, Western Michigan University, 1989	Mathematics	College of Arts & Sciences	Larson, Lee Matthew	Professor#	PhD, Michigan State University, 1981	Mathematics	College of Arts & Sciences
Kubicki, Grzegorz Michal	Professor#	PhD, Western Michigan University, 1989	Mathematics	College of Arts & Sciences	Lauf, Adrian Peter Orion	Assistant Professor#	PhD, Vanderbilt University, 2011	Computer Engineering & Computer Science	JB Speed School of Engineering
Kuehn, Randy Todd	Associate Professor	MLS, Northern Arizona University, 2009	Libraries	University Libraries	Lauroesch, James Thomas	Associate Professor#	PhD, University of Chicago, 1995	Physics	College of Arts & Sciences
Kulasekera, Karunarathna	Professor#	PhD, University of Nebraska, 1988	Bioinformatics & Biostatistics	School of Public Health & Information Sciences	Lawson, Thomas Richard	Professor#	PhD, University of Washington, 1982	Social Work	Kent School of Social Work
Kulosman, Hamid	Associate Professor#	PhD, University of Illinois, 2004	Mathematics	College of Arts & Sciences	Leach, Mark M	Professor#	PhD, University of Oklahoma, 1991	Counseling & Human Development	College of Education & Human Development
Kulow, Katina Lee	Assistant Professor	PhD, University of South Carolina, 2015	Marketing	College of Business	Ledford, Elizabeth Rose	Instructor Term	MS, University of Louisville, 2011	Health & Sports Sciences	College of Education & Human Development
Kumar, Anup	Professor#	PhD, North Carolina State University, 1989	Computer Engineering & Computer Science	JB Speed School of Engineering	Lehman, Norman L	Professor	PhD, University of Southern California, 1998	Pathology	School of Medicine
Kuta, Jadwiga	Assistant Professor Term	PHD, University of Louisville, 2008	Chemistry	College of Arts and Sciences	Leinenbach, Angela Lynn	Assistant Professor Term	MD, University of Southern California, 1994	Nursing	School of Nursing
Kuwabara, Nobuyuki	Associate Professor#	PhD, Sophia University (Japan), 1986	Anatomical Sciences & Neurobiology	School of Medicine	Lennon, Conor James	Assistant Professor	PhD, University of Pittsburgh, 2016	Economics	College of Business
Kwon, Min A	Assistant Professor	MA, Columbia University, 2009	Marketing	College of Business					
Lackey, Alycia Carolyn Reynol	Assistant Professor	PHD, Michigan State University, 2013	Biology	College of Arts and Sciences					
Lai, Delin	Professor#	PhD, Tsinghua University (China), 1992	Fine Arts	College of Arts & Sciences					

Leonard, Melinda A	Associate Professor# Term	PhD, University of Kentucky, 2009	Psychology	College of Arts & Sciences	Liu, Jin Jun	Associate Professor#	PhD, Ohio State University, 2007	Chemistry	College of Arts & Sciences
Leonard, Kimberly K	Professor#	PhD, University of Pennsylvania, 1986	Criminal Justice	College of Arts & Sciences	Liu, Shudun	Associate Professor#	PhD, Rutgers University, 1991	Physics	College of Arts & Sciences
Levinson, Cheri A	Assistant Professor#	PhD, Washington University, 2015	Psychology	College of Arts & Sciences	Liu, Weiling	Professor	MLS, Brigham Young University, 1993	University Libraries	University Libraries
Levinson, Ariana Rachelle	Professor	JD, University of Michigan, 1996	Law	School of Law	Lloyd, Kimcherie	Professor#	MM, Louisiana State University, 1991	Performance Studies	School of Music
Lewine, Richard R	Professor#	PhD, University of Pennsylvania, 1975	Psychology	College of Arts & Sciences	Logan, Kossi	Associate Professor#	PhD, University of Iowa, 1996	Pan African Studies	College of Arts & Sciences
Lewis, James Eugene	Associate Professor# Term	PhD, University of Louisville, 2003	Engineering Fundamentals	JB Speed School of Engineering	Logsdon, Cynthia	Professor#	DNS, Indiana University, 1990	Nursing	School of Nursing
Li, Ying	Assistant Professor#	PhD, University of Illinois, 2008	Chemistry	College of Arts & Sciences	Long, Rebecca	No Academic Rank		Music	School of Music
Li, Zhixia	Assistant Professor#	PhD, University of Cincinnati, 2011	Civil & Environmental Engineering	JB Speed School of Engineering	Longerbeam, Susan Diana	Associate Professor#	PhD, University of Maryland, 2005	Counseling & Human Development	College of Education & Human Development
Li, Hongxiang	Associate Professor#	PhD, University of Washington, 2088	Electrical & Computer Engineering	JB Speed School of Engineering	Lorenz, Douglas John	Associate Professor#	PhD, University of Louisville, 2011	Bioinformatics & Biostatistics	School of Public Health & Information Sciences
Li, Bingtuan	Professor#	PhD, Arizona State University, 1998	Mathematics	College of Arts & Sciences	Lorkiewicz, Pawel Konrad	Assistant Professor Term	PhD, University of Louisville, 2009	Chemistry	College of Arts & Sciences
Li, Jiaxu	Associate Professor#	PhD, Arizona State University, 2004	Mathematics	College of Arts & Sciences	Losavio, Michael M	Assistant Professor#	JD, Louisiana State University, 1981	Criminal Justice	College of Arts & Sciences
Li, Jinjia	Associate Professor#	PhD, University of Illinois, 2006	Mathematics	College of Arts & Sciences	Lovely, Charles Benjamin	Assistant Professor	PhD, University of Louisville, 2010	Biochemistry & Molecular Genetics	School of Medicine
Li, Bing	Associate Professor#	PhD, Peking University (China), 2004	Microbiology & Immunology	School of Medicine	Lucas, Kristen Lynn	Associate Professor	PhD, Purdue University, 2006	Management	College of Business
Li, Qingsheng	Assistant Professor Term	PHD, Shanghai Second Medical Univ, 1997 MD, Sun Yat-Sen Medical Univ, 1991	Microbiology and Immunology	School of Medicine	Luginbill, Robert D	Professor	PhD, University of California, Irvine, 1990	Modern Languages	College of Arts & Sciences
Lian, Yongsheng	Associate Professor#	PhD, University of Florida, 2003	Mechanical Engineering	JB Speed School of Engineering	Lukashevich, Igor Sergeyeovich	Professor#	PhD, Academy of Medical Sciences (USSR), 1976 MD, Minsk Medical Institute (USSR), 1973 DSc, Academy of Medical Sciences (USSR), 1987	Pharmacology & Toxicology	School of Medicine
Linder, Mark William	Professor#	PhD, University of Louisville, 1992	Pathology	School of Medicine					
Lingo, Amy Shearer	Professor#	Edd, University of Kentucky, 2003	Special Education	College of Education & Human Development	Luke, Michael Ryan	Assistant Professor Term	PHD, University of Louisville, 2017	Mathematics	College of Arts and Sciences
Little, Bertis Britt	Professor#	PhD, University of Texas, 1983	Health Management & Systems Sciences	School of Public Health & Information Sciences	Lundy Jr, Robert Frank	Associate Professor#	PhD, Florida State University, 1998	Anatomical Sciences & Neurobiology	School of Medicine

Lutz, Deborah S	Professor*#	PhD, City University of New York (CUNY), 2004	English	College of Arts & Sciences	Mathis, Lynetta Weathers	Instructor# Term	MSW, Florida International University, 1993	Social Work	Kent School of Social Work
Luzzio, Frederick A	Professor#	PhD, Tufts University, 1982	Chemistry	College of Arts & Sciences	Matoba, Nobuyuki	Associate Professor#	PhD, Kyoto University (Japan), 2001	Pharmacology & Toxicology	School of Medicine
Lyle, Keith B	Associate Professor#	PhD, Yale University, 2005	Psychology	College of Arts & Sciences	Mattes, Mark A	Assistant Professor# Term	PhD, University of Iowa, 2013	English	College of Arts & Sciences
Ma, Yuxin	Associate Professor#	PhD, University of Minnesota, 2003	History	College of Arts & Sciences	Mattingly, Stephen P	Associate Professor#	DMA, Florida State University, 2007	Performance Studies	School of Music
Mackey, Thomas C	Professor#	PhD, Rice University, 1984	History	College of Arts & Sciences	Maurer, Muriel C	Professor#	PhD, University of Virginia, 1992	Chemistry	College of Arts & Sciences
MacWilliams, Brittany Kotheimer	Assistant Professor Term	MM, Cincinnati Conservatory of Music, 2001	Music	School of Music	Maxwell, Kristi Amanda	Assistant Professor#	PhD, University of Cincinnati, 2010	English	College of Arts & Sciences
Maertz, Carl Paul	Professor	PHD, Purdue University, 1998	Management	College of Business	McCanless, Clinton T	Assistant Professor	MM, University of Illinois, 2006	Performance Studies	School of Music
Manikas, Andrew Steven	Assistant Professor	PhD, Georgia Institute of Technology (Georgia Tech), 2008	Management	College of Business	McCart, Andrew L	Assistant Professor Term	PHD, University of Louisville, 2017	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development
Manni, Anthony Joseph	Instructor Term	MBA, Widener University, 1991	Computer Information Systems	College of Business	McCord, Adam R	Assistant Professor	DMA, Indiana University, 2015	Performance Studies	School of Music
Mansfield-Jones, Jennifer	Associate Professor# Term	PhD, University of Michigan, 1995	Biology	College of Arts & Sciences	Mccormack, Michael Brandon	Assistant Professor#	PhD, Vanderbilt University, 2013	Pan African Studies	College of Arts & Sciences
Marcosson, Samuel	Professor	JD, Yale University, 1986	Law	School of Law	McCubbin, Laurie Dawn	Associate Professor#	PhD, University of Wisconsin, 2003	Counseling & Human Development	College of Education & Human Development
Mark, Sheron Lindsay	Assistant Professor#	PhD, Boston College, 2012	Middle & Secondary Education	College of Education & Human Development	McDonald, Frances Sarah	Assistant Professor#	PhD, Duke University, 2015	English	College of Arts & Sciences
Marklein, Kathryn E	Assistant Professor Term	PHD, Ohio State University, 2018	Anthropology	College of Arts and Sciences	McFadden, Justin R	Assistant Professor#	PhD, University of Minnesota, 2015	Early Childhood & Elementary Education	College of Education & Human Development
Markowitz, Lisa B	Associate Professor#	PhD, University of Massachusetts, 1992	Anthropology	College of Arts & Sciences	McGee, Aaron W	Assistant Professor#	PhD, University of California, 2001	Anatomical Sciences & Neurobiology	School of Medicine
Marrakchi, Nouri Mills	Instructor Term		Modern Languages	College of Arts and Sciences	McGinley, William Mark	Professor*#	PhD, University of Alberta (Canada), 1987	Civil & Environmental Engineering	JB Speed School of Engineering
Massey, Scottie	Associate Professor#	MFA, Arizona State University, 1997	Fine Arts	College of Arts & Sciences	McInnis, Edward Cromwell	Assistant Professor# Term	PhD, Michigan State University, 2006	History	College of Arts & Sciences
Mast, Benjamin	Professor#	PhD, Wayne State University, 2002	Psychology	College of Arts & Sciences	McIntosh, Warren D	Instructor Term	MS, University of Louisville, 2010	Computer Information Systems	College of Business
Masters, Jeffery A	Assistant Professor Term	PhD, University of Louisville, 2014	Biology	College of Arts & Sciences	McIntyre, Michael L	Associate Professor#	PhD, Clemson University, 2006	Electrical & Computer Engineering	JB Speed School of Engineering

McKiernan, No Patrick Michael	No Academic Rank	PHD, North Central University, 2004	Kent School of Social Work	Kent School of Social Work	Michalczyk, Lawrence	Instructor# Term	MSW, University of Louisville, 1976	Social Work	Kent School of Social Work
McKinney, William Paul	Professor*#	MD, University of Texas Southwestern Medical Center, 1978	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Middleton, Jennifer Sean	Assistant Professor	PhD, University of Denver, 2011	Social Work	Kent School of Social Work
McLeish, Alison C	Associate Professor Term	PhD, University of Vermont, 2006	Psychology	College of Arts & Sciences	Miller, Shawnise Martin	Assistant Professor Term	PhD, University of Louisville, 2013	Social Work	Kent School of Social Work
McLeod, John Edmond	Professor#	PhD, University of Toronto (Canada), 1993	History	College of Arts & Sciences	Miller, Alica	Associate Professor#	PhD, Michigan State University, 2001 PHD, Michigan State University, 2001	Mathematics	College of Arts & Sciences
McNamara, Shamus	Associate Professor#	PhD, University of Wisconsin, 2002	Electrical & Computer Engineering	JB Speed School of Engineering	Millett, Christopher Robert	No Academic Rank		Music	School of Music
McNeal, Laura Rene	Associate Professor	PhD, Illinois State University, 2005 JD, Washington University, 2000	Law	School of Law	Milligan, Luke Mcclure	Professor	JD, Emory University, 2002	Law	School of Law
Medina, Manuel F	Professor#	PhD, University of Kansas, 1994	Modern Languages	College of Arts & Sciences	Milliken, Evan Michael	Assistant Professor	PHD, University of Florida, 2017	Mathematics	College of Arts and Sciences
Meeks, Suzanne	Professor#	PhD, Catholic University of America, 1985	Psychology	College of Arts & Sciences	Minges, Jessica Renee	Instructor Term	MA, Western Oregon University, 2016	Modern Languages	College of Arts & Sciences
Mehring, Andrew Stephen	Assistant Professor	PHD, University of Georgia, 2012	Biology	College of Arts and Sciences	Mitchell, Heather Davis	Assistant Professor Term	PhD, University of Louisville, 2016	Nursing	School of Nursing
Mehringer, Angela Dawn	Instructor Term	MSN, University of Southern Indiana,	Nursing	School of Nursing	Mitchell, Amanda M	Assistant Professor	PhD, University of Louisville, 2015	Counseling & Human Development	College of Education & Human Development
Memmi, Sarah Angelina	Assistant Professor	PHD, Duke University, 2020	Marketing	College of Business	Mitchell, Thomas C	Professor*#	PHD, University of Wisconsin, 1992	Microbiology and Immunology	School of Medicine
Mendes, Sergio B	Professor#	PhD, University of Arizona, 1997	Physics	College of Arts & Sciences	Mitra, Ritendranath	Assistant Professor#	PhD, University of North Carolina, 2009	Bioinformatics & Biostatistics	School of Public Health & Information Sciences
Menze, Michael A	Associate Professor#	PhD, Heinrich-Heine University (Germany), 2001	Biology	College of Arts & Sciences	Moazzen, Maryam	Assistant Professor#	PhD, University of Toronto (Canada), 2011	Comparative Humanities	College of Arts & Sciences
Merkel, Ralph Stephen	Instructor Term	MA, Northwestern University,	Communicati	College of Arts & Sciences	Mohsen, Jafar P	Professor#	PhD, University of Cincinnati, 1992	Civil & Environmental Engineering	JB Speed School of Engineering
Merry, Melissa Kate	Associate Professor#	PhD, University of Washington, 2008	Political Science	College of Arts & Sciences	Moon, Hee Hyul	Assistant Professor	PhD, Case Western Reserve University, 2013	Social Work	Kent School of Social Work
Mervis, Carolyn Beth	Professor*#	PhD, Cornell University, 1976	Psychology	College of Arts & Sciences	Mooradian, Todd Andrew	Professor	PHD, Univ of Massachusetts, 1994		College of Business
Metz, Cynthia Jayne	Associate Professor	PhD, University of Louisville, 2008	Physiology	School of Medicine	Moore, Joseph P	Associate Professor	PhD, University of Kentucky, 1997	Anatomical Sciences & Neurobiology	School of Medicine

Moore, Sharon	Professor#	PhD, University of Pittsburgh, 1992	Social Work	Kent School of Social Work	Nantz, Michael H	Professor#	PhD, Purdue University, 1987	Chemistry	College of Arts & Sciences
Moorman, Anita	Professor	JD, Southern Methodist University, 1985	Health & Sports Sciences	College of Education & Human Development	Narayanan, Badri	Assistant Professor	PhD, Colorado School of Mines, 2013	Mechanical Engineering	JB Speed School of Engineering
Morgan, Rebecca J	Instructor Term	MLS, Drexel University, 2008	Kornhauser Library	University Libraries	Nash, Whitney Ann	Associate Professor#	PhD, University of Louisville, 2010	Nursing	School of Nursing
Morris, Samantha Dawn	Instructor Term		Middle and Secondary Education	College of Education and Human Development	Nasraoui, Olfa	Professor*#	PhD, University of Missouri, 1999	Computer Engineering & Computer Science	JB Speed School of Engineering
Mott, Carrie Yvonne	Assistant Professor	PhD, University of Kentucky, 2016	Geography/ Geosciences	College of Arts & Sciences	Naylor, Jason Alan Leigh	Assistant Professor	PhD, University of North Dakota, 2012	Geography/ Geosciences	College of Arts & Sciences
Moyer, R Charles	Professor	PhD, University of Pittsburgh, 1971	Finance	College of Business	Nazek, Mohammad Nour	Associate Professor	MBBS, University of Jordan SOM, 1982	Pathology	School of Medicine
Moyer, Laura P	Associate Professor#	PhD, University of Georgia, 2008	Political Science	College of Arts & Sciences	Neal, Rachel Elizabeth	Associate Professor#	PhD, University of Missouri-Rolla, 1999	Environmental & Occupational Health Sciences	School of Public Health Information Sciences
Moyer, Sarah Schuster	Assistant Professor Term	MD, Temple University School of Medicine, 2010	Health Management & Systems Sciences	School of Public Health & Information Sciences	Nelson, Geoffrey Cobb	Instructor Term	MA, Ohio State University, 1981	Theatre Arts	College of Arts & Sciences
Mozer, Robin L	Assistant Professor#	MFA, Pennsylvania State University, 2005	English	College of Arts & Sciences	Nelson, John P	Professor	PhD, University of Kentucky, 1969	Economics	College of Business
Mueller, Eugene G	Professor*#	PhD, Harvard University, 1992	Chemistry	College of Arts & Sciences	Nelson, Matthew P	Assistant Professor#	DMA, Rice University, 2009	Performance Studies	School of Music
Munnich, Elizabeth L	Assistant Professor	PhD, Notre Dame University, 2013	Economics	College of Business	Newton, Tamara L	Associate Professor#	PhD, Rutgers University, 1990	Psychology	College of Arts & Sciences
Murfree, Jessica Rachel	Instructor Term		Health & Sports Sciences	College of Education and Human Development	Nicholson, Lisa Hope	Professor	JD, College of William and Mary, 1993	Law	School of Law
Murphy, Kevin D	Professor#	PhD, Duke University, 1994	Mechanical Engineering	JB Speed School of Engineering	Noles, Nicholas S	Assistant Professor#	PhD, Yale University, 2008	Psychology	College of Arts & Sciences
Myers, Robert C	Associate Professor	MS, University of Richmond, 1962	Management	College of Business	O'Neal, Carol Stinson	Associate Professor	PhD, Iowa State University, 1979	Health & Sports Sciences	College of Education & Human Development
Naber, John F	Professor#	PhD, Virginia Polytechnic Institute and State University (Virginia Tech), 1992	Electrical & Computer Engineering	JB Speed School of Engineering	O'Toole, Martin G	Assistant Professor#	PhD, University of Louisville, 2008	Bioengineering	JB Speed School of Engineering
Naeger, Dylan Joseph	Instructor#	MS, University of Louisville, 2005	Health & Sports Sciences	College of Education & Human Development	Ochs, Sara L	Assistant Professor	JD, Loyola Univ, New Orleans, 2014	Law	School of Law
Nahata, Babu L	Professor#	PhD, Northern Illinois University, 1977	Economics	College of Business	Ogden, Allison R	Assistant Professor	PhD, University of Chicago, 2008	Music	School of Music
					Ojeh, Kalasia Shqueen	Assistant Professor	PHD, University of Cincinnati, 2019	Pan African Studies	College of Arts and Sciences

Okpokho, Ime Nicollet Terna	Instructor Term		Health & Sports Sciences	College of Education and Human Development	Park, Sam Daniel	Associate Professor	PhD, Texas A&M University, 2007	Mechanical Engineering	JB Speed School of Engineering
Olinger, Andrea R	Assistant Professor#	PhD, University of Illinois, 2014	English	College of Arts & Sciences	Park, Juw Won	Assistant Professor	PhD, University of Iowa, 2009	Computer & Computer Science	JB Speed School of Engineering
Omer, Linda	Instructor Term	PHD, University of Louisville, 2018	Health Promotion & Behavioral Sciences	School of Public Health and Information Scienc	Parkhurst, Shawn	Associate Professor#	PhD, Univeristy of California, Berkeley, 2000	Anthropology	College of Arts & Sciences
Orton, Marybeth	Instructor# Term	MA, University of Louisville, 1993	Counseling & Human Development	College of Education & Human Development	Parola, Arthur C	Professor#	PhD, Pennsylvania State University, 1990	Civil & Environmental Engineering	JB Speed School of Engineering
Ouellette, Heather M	Instructor	MA, University of South Carolina, 2011	Criminal Justice	College of Arts & Sciences	Pattillo, Rebecca A	Instructor	MLS, Indiana University–Purdue University Indianapolis (IUPUI), 2016	Archives & Special Collections	University Libraries
Owen, Thomas Louis	Professor Term	PhD, University of Kentucky, 1981	Archives & Special Collections	University Libraries	Patton, Elizabeth Brooks	Assistant Professor# Term	PhD, Purdue University, 2008	Middle & Secondary Education	College of Education & Human Development
Owen, David S	Professor#	PhD, University of Illinois, Chicago, 1997	Philosophy	College of Arts & Sciences	Patton, Scott E	Instructor# Term	EdS, Purdue University, 2009	Special Education	College of Education & Human Development
Owens, Corey RaShaun	Assistant Professor Term	EDD, Grand Canyon University, 2020	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development	Payne, Rodger A.	Professor#	PHD, Univ of Maryland, 1989	Political Science	College of Arts and Sciences
Owolabi, Sheila A	Instructor Term	MS, Western Oregon University, 1990	Modern Languages	College of Arts & Sciences	Pennington, Christina D	Assistant Professor Term		Nursing	School of Nursing
Oyeniya, Adeoye Oyedokun	Instructor Term		Modern Languages	College of Arts and Sciences	Perkins, Nicole Raeann	Assistant Professor Term	MSN, University of Phoenix, 2008	Nursing	School of Nursing
Pack, Alona H	Assistant Professor Term	MA, Webster University, 1996	Nursing	School of Nursing	Perlin, Michael H	Professor#	PhD, University of Chicago, 1983	Biology	College of Arts & Sciences
Pal, Subhadip	Assistant Professor	PhD, University of Florida, 2015	Bioinformatics & Biostatistics	School of Public Health & Information Sciences	Perry, Armon Rashard	Associate Professor#	PhD, University of Alabama, 2008	Social Work	Kent School of Social Work
Paliewicz, Nicholas Stephen	Assistant Professor#	PhD, University of Utah, 2015	Communication	College of Arts & Sciences	Peteet, Julie	Professor#	PhD, Wayne State University, 1985	Anthropology	College of Arts & Sciences
Parikh, Pratik J	Professor	PHD, Virginia Polytechnic Institute, 2006	Industrial Engineering	JB Speed School of Engineering	Peters, Susan Ann	Associate Professor#	PhD, Pennsylvania State University, 2009	Middle & Secondary Education	College of Education & Human Development
Paris, Lori M	No Academic Rank	MSW, University of Louisville, 2007	Kent School of Social Work	Kent School of Social Work	Petry, Jessica L	Instructor	MLS, University of Kentucky, 2014	Kornhauser Library	University Libraries
					Petrova De Solaun, Anna Petrova	Assistant Professor	DMA, Manhattan School of Music, 2016	Performance Studies	School of Music
					Petruska, Jeffrey Charles	Associate Professor#	PhD, University of Florida, 2000	Anatomical Sciences & Neurobiology	School of Medicine

Phillips, Selene G	Assistant Professor#	PhD, Purdue University, 2003	Communication College of Arts & Sciences	Presley, Regina Grace	Instructor# Term	MS, University of Northern Colorado, 2008	Health & Sports Sciences	College of Education & Human Development
Pifer, Meghan J	Associate Professor#	PhD, Pennsylvania State University, 2010	Educational Leadership, Evaluation, & Organizational Development	Priest, Mark Anthony	Professor#	MFA, Yale University, 1989	Fine Arts	College of Arts & Sciences
Pigg, Rachel M	Assistant Professor	PHD, Kansas State University, 2014	Biology	Procell, Jessie J	Associate Professor	MLS, Indiana University, 2008	Music Library	University Libraries
Pinkston, Joshua Canfield	Associate Professor	PhD, Northwestern University, 2001	Economics	Prost, Stephanie Grace	Assistant Professor	PhD, Florida State University, 2017	Social Work	Kent School of Social Work
Polzer, Natalie C	Associate Professor#	PhD, Cambridge University (UK), 1991	Comparative Humanities	Pushpakumar, Sathnur Basappa	Assistant Professor# Term	PhD, University of Louisville, 2010	Physiology	School of Medicine
Poole, Megan Renee	Assistant Professor	PHD, Penn State University, 2020	English	Quesada, Peter M	Professor#	PhD, University of California, Berkeley, 1991	Mechanical Engineering	JB Speed School of Engineering
Popa, Dan Octavian	Professor*#	PhD, Rensselaer Polytechnic Institute (RPI), 1998	Electrical & Computer Engineering	Quinn, Ryan William	Associate Professor#	PhD, University of Michigan, 2003	Management	College of Business
Possel, Patrick	Professor#	PhD, University of Tübingen (Germany), 1999	Counseling & Human Development	Rabin, Shira Denise	Associate Professor	PhD, Northwestern University, 2005	Biology	College of Arts & Sciences
Post, Jeffrey R	No Academic Rank	PhD, Southern Illinois University, 2002	Philosophy	Peltan, Andrew S	Professor#	PhD, University of Chicago, 2005	English	College of Arts & Sciences
Potter, Debbie A	Associate Professor#	PhD, Brandeis University, 2007	Sociology	Rai, Shesh Nath	Professor*#	PhD, University of Waterloo (Canada), 1993	Bioinformatics & Biostatistics	School of Public Health & Information Sciences
Powe, Aleeta M	Associate Professor# Term	PhD, American University, 2002	Chemistry	Rajakpaksha, Mudalige Ajith Rathnawe	Assistant Professor	PHD, Purdue University, 2015	Physics	College of Arts and Sciences
Powell, Cedric M	Professor	JD, New York University, 1987	Law	Raju, Puthankurissi S	Professor#	PhD, University of Illinois, 1977	Marketing	College of Business
Powers, Robert C	Professor#	PhD, University of Massachusetts, 1988	Mathematics	Ralston, Patricia A Stark	Professor#	PhD, University of Louisville, 1983	Engineering Fundamentals	JB Speed School of Engineering
Powers, Deborah Lynn	Assistant Professor	EdD, University of Louisville, 2010	Educational Leadership, Evaluation, and Organizational Development	Ramezanipour, Farshid	Assistant Professor#	PhD, McMaster University (Canada), 2011	Chemistry	College of Arts & Sciences
Pranke, Patrick Arthur	Associate Professor#	PhD, University of Michigan, 2004	Comparative Humanities	Reed, Teresa Lorraine	Professor	PHD, Indiana University Bloomington, 1997	Music	School of Music
Prater, Glen	Professor#	PhD, Ohio State University, 1988	Mechanical Engineering	Reid, Diana Louise	Assistant Professor	MLS, San Jose State University, 2005	University Libraries	University Libraries
Preece, Dianna Carol	Professor	DBA, University of Kentucky, 1990	Finance	Reilly, Elizabeth Ellis	Associate Professor#	MA, Ryerson University (Canada), 2007	Archives & Special Collections	University Libraries
				Reinhardt, Gregory Randolph	Instructor	ME, University of Louisville, 1994	Computer Information Systems	College of Business

Reitz, Christopher J	Assistant Professor#	PhD, Princeton University, 2015	Fine Arts	College of Arts & Sciences	Roelfs, David John	Associate Professor#	PhD, Stony Brook University, SUNY, 2011	Sociology	College of Arts & Sciences
Reynolds, Latisha M	Associate Professor	MLS, University of Kentucky, 2006	Reference Assistance & Instruction	University Libraries	Rogers, Linda A	Lecturer Term		English	College of Arts and Sciences
Rhema, Susan Heffner	No Academic Rank		Kent School of Social Work	Kent School of Social Work	Rollins, Aaron C	Assistant Professor#	PhD, Mississippi State University, 2013	Urban & Public Affairs	College of Arts & Sciences
Rhodes, Che	Associate Professor#	MFA, Temple University, 1998	Fine Arts	College of Arts & Sciences	Rollins, Oliver Eugene	Assistant Professor	PhD, University of California, San Francisco, 2014	Sociology	College of Arts & Sciences
Richards, Christopher	Associate Professor#	PhD, Ohio State University, 1998	Mechanical Engineering	JB Speed School of Engineering	Rosen, Paul Jerome	Associate Professor#	PhD, University of Kentucky, 2008	Psychology	College of Arts & Sciences
Ridley, Glynis Batey	Professor#	PhD, Oxford University (UK), 1992	English	College of Arts & Sciences	Roser, Lynn P	Assistant Professor Term	PhD, University of Kentucky, 2016	Nursing	School of Nursing
Riedel, Thomas	Professor#	PhD, University of Massachusetts, 1990	Mathematics	College of Arts & Sciences	Ross, Edna L	Associate Professor# Term	PhD, Kent State University, 1975	Psychology	College of Arts & Sciences
Riff, Diane Frye	Assistant Professor Term	MSN, Northern Illinois University, 1989	Nursing	School of Nursing	Rote, Sunshine Marie	Assistant Professor	PhD, Florida State University, 2012	Social Work	Kent School of Social Work
Ritz, John T	Assistant Professor Term	DMA, University of Illinois, 2011	Performance Studies	School of Music	Rothe, Lucian	Instructor	PHD, Univ of Wisconsin- Madison, 2020	Modern Languages	College of Arts and Sciences
Rivers, Ishwanzya	Assistant Professor# Term	PhD, University of Illinois, 2011	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development	Rothstein, Laura	Professor^#	JD, Georgetown University, 1974	Law	School of Law
Roach, Krista Gail	Instructor Term		Nursing	School of Nursing	Rouchka, Eric Christian	Professor#	DSc, Washington University, 2002	Computer Engineering & Computer Science	JB Speed School of Engineering
Roberson, Carolyn D	Assistant Professor# Term	PhD, University of Louisville, 2014	Microbiology & Immunology	School of Medicine	Rouffet, David Michel	Associate Professor	PHD, University Claude Bernard, 2007	Health & Sports Sciences	College of Education and Human Development
Roberts, Andrew Michael	Associate Professor	PhD, New York Medical College, 1980	Physiology	School of Medicine	Rougier, Guillermo Walter	Professor#	PhD, Universidad de Buenos Aires (Argentina), 1993	Anatomical Sciences & Neurobiology	School of Medicine
Robertson, Sara Elizabeth	Assistant Professor Term	DNP, University of Kentucky, 2013	Nursing	School of Nursing	Rouse, Steve	Professor#	DMA, University of Michigan, 1987	Music	School of Music
Robinson, Brian Scott	Assistant Professor#	PhD, University of Louisville, 2014	Engineering Fundamentals	JB Speed School of Engineering	Roussel, Thomas	Assistant Professor#	PhD, University of Louisville, 2014	Bioengineering	JB Speed School of Engineering
Rochner, Maegen Lee	Associate Professor	PHD, Univ TN Knoxville, 2019	Geography/ Geosciences	College of Arts and Sciences	Rowe, Paul David	Assistant Professor Term	PHD, Mississippi State University, 2014	Management	College of Business
Rockaway, Thomas Doan	Associate Professor#	PhD, Georgia Institute of Technology (Georgia Tech), 1997	Civil & Environmental Engineering	JB Speed School of Engineering	Running, Mark Paul	Associate Professor#	PhD, California Institute of Technology, 1997	Biology	College of Arts & Sciences
Roebuck, Regina	Associate Professor#	PhD, Cornell University, 1995	Modern Languages	College of Arts & Sciences	Rush, Darlene Michelle	No Academic Rank		Nursing	School of Nursing
					Rushing, Jessica L	Assistant Professor	MM, Florida State University, 2009	Music	School of Music

Ruther, Matthew H	Assistant Professor#	PhD, University of Pennsylvania, 2012	Urban & Public Affairs	College of Arts & Sciences	Scott, Terry M	Professor*^#	PhD, University of Oregon, 1994	Special Education	College of Education & Human Development
Ryan, Susan Marie	Professor#	PhD, University of North Carolina, 1999	English	College of Arts & Sciences	Seay, Dana L	Instructor Term	MEd, University of Louisville, 1994	Communication	College of Arts & Sciences
Sacks, Michael	Assistant Professor Term	PhD, University of California, Irvine, 2016	Economics	College of Business	Segal, Janna G	Assistant Professor#	PhD, University of California, Irvine,	Theatre Arts	College of Arts & Sciences
Salih, Ziyah Tahir	Associate Professor Term	MD, University of Salahaddin SOM, 1991	Pathology	School of Medicine	Segall, Lorna E	Assistant Professor	PhD, Florida State University, 2016	Music	School of Music
Salmon, Paul G	Associate Professor#	PhD, Depaul University, 1976	Psychology	College of Arts & Sciences	Seif, Steven W	Associate Professor#	PhD, University of Illinois, Chicago, 1988	Mathematics	College of Arts & Sciences
Salter, Russell David	Professor#	PhD, Duke University, 1985	Microbiology & Immunology	School of Medicine	Sekula, Michael N	Assistant Professor Term	PHD, University of Louisville, 2020	Bioinformatics & Biostatistics	School of Public Health and Information Scienc
Samuelson, Chad L	Assistant Professor#	PhD, Florida State University, 2009	Anatomical Sciences & Neurobiology	School of Medicine	Sen, Utpal	Associate Professor#	PhD, University of Kalyani (India), 2001	Physiology	School of Medicine
Samuelson, David J	Associate Professor	PhD, University of Arizona, 2001	Biochemistry & Molecular Genetics	School of Medicine	Sephton, Sandra	Professor#	PhD, Brigham Young University, 1995	Psychology	College of Arts & Sciences
Sanders, Sharon W	Instructor Term	MSW, University of Louisville, 1983	Social Work	Kent School of Social Work	Sharp, Charles L	Assistant Professor Term	PhD, University of Wisconsin, 1997	Marketing	College of Business
Santry, Shelley Montgomery	Associate Professor Term	JD, Franklin Pierce Law Center, 1992	Law	School of Law	Sheffield, Caroline Connors	Associate Professor#	PhD, University of South Florida, 2009	Middle & Secondary Education	College of Education & Human Development
Sar, Bibhuti K	Professor#	PhD, Virginia Commonwealth University, 1994	Social Work	Kent School of Social Work	Sheffield, Ronnie Paul	Assistant Professor Term	EDD, George Washington Univ, 2013	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development
Sathitsuksarn, Noppadon	Assistant Professor#	PhD, Virginia Polytechnic Institute and State University (Virginia Tech), 2011	Chemical Engineering	JB Speed School of Engineering	Sheridan, Mary P	Professor#	PhD, University of Illinois, 1999	English	College of Arts & Sciences
Satterwhite, Marc Thomas	Professor#	DMA, Indiana University, 1991	Music	School of Music	Sherman, Randall E	Professor*	PhD, Notre Dame University, 2000	Comparative Humanities	College of Arts & Sciences
Schneider, Stephen Anthony	Associate Professor#	PhD, Pennsylvania State University, 2007	English	College of Arts & Sciences	Sherman, Randall E	Professor#	PHD, Notre Dame Univ, 2000	Comparative Humanities	College of Arts and Sciences
Schrader, Melanie Pfohl	Assistant Professor Term	MSN, Spalding University, 2010	Nursing	School of Nursing	Shreffler, Megan Beth	Assistant Professor#	PhD, University of Minnesota, 2013	Health & Sports Sciences	College of Education & Human Development
Schultz, David Jay	Associate Professor#	PhD, Pennsylvania State University, 1996	Biology	College of Arts & Sciences	Shuck, Michael B	Associate Professor#	PhD, Florida International University, 2010	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development
Schuschke, Dale A	Professor	PhD, University of North Dakota, 1987	Physiology	School of Medicine					
Scobee, Matthew W	Assistant Professor# Term	PhD, University of Kentucky, 1997	Mathematics	College of Arts & Sciences					

Shumaker, Shannon C.	Assistant Professor Term	PHD, University of Kentucky, 2016	Nursing	School of Nursing	Smith, Montray	Assistant Professor Term	MSN, University of Central Florida, 2009	Nursing	School of Nursing
Shuster, Brett Arthur	Professor#	DMA, Arizona State University, 2002	Performance Studies	School of Music	Smith, Jackie	Instructor Term		Nursing	School of Nursing
Simmons, Thomas J	Associate Professor#	PhD, Kent State University, 1989	Special Education	College of Education & Human Development	Jong Smith, Melissa	Assistant Professor	PHD, Harvard University, 2009	Biochemistry & Molecular Genetics	School of Medicine
Simpson, David M	Professor*#	PhD, University of California, Berkeley, 1996	Urban & Public Affairs	College of Arts & Sciences	Smith, Sonja Wilnette	Instructor Term		Modern Languages	College of Arts and Sciences
Singel, Rachel Jeanne	Assistant Professor#	MFA, University of Iowa, 2013	Fine Arts	College of Arts & Sciences	Smith, Jeremy Walter	No Academic Rank		Music	School of Music
Singh, Mahavir	Assistant Professor Term	PhD, University of Delhi (India), 2001	Physiology	School of Medicine	Smith, Jason Wayne	Professor*#	MD, Ohio State University, 2002	Physiology/ Surgery	School of Medicine
Siskind, Leah J	Associate Professor#	PhD, University of Maryland, 2003	Pharmacology & Toxicology	School of Medicine	Smith, Jones, Siobhan Elizabeth	Associate Professor#	PhD, University of Missouri, 2010	Communication	College of Arts & Sciences
Sithu, Israel Dwarak	Assistant Professor Term	PhD, Central Drug Research Institute (India), 1999	Physiology	School of Medicine	Smith-Tone, Daniel C	Assistant Professor#	PhD, Indiana University, 2010	Mathematics	College of Arts & Sciences
Skaggs, Steven	Professor#	MS, Pratt Institute, 1977	Fine Arts	College of Arts & Sciences	Snyder, James Walter	Professor# Term	PhD, University of Dayton, 1974	Pathology	School of Medicine
Skutnik, Benjamin C	Assistant Professor Term		Health & Sports Sciences	College of Education and Human Development	Snyder, Cara Knaub	Assistant Professor	PHD, Univ of MD, College Park, 2019	Women's & Gender Studies	College of Arts and Sciences
Sloan, Chad Richard	Assistant Professor#	MM, Julliard School, 2005	Performance Studies	School of Music	Sohn, Steve H	Associate Professor#	PhD, University of Connecticut, 2006	Communication	College of Arts & Sciences
Sluss, Tamara Dawn	Associate Professor Term	PhD, University of Louisville, 2006	Urban & Public Affairs	College of Arts & Sciences	Sokoloski, Kevin J	Assistant Professor	PhD, Colorado State University, 2010	Microbiology & Immunology	School of Medicine
Smadici, Serban	Assistant Professor#	PhD, Columbia University, 2005	Physics	College of Arts & Sciences	Song, Wei	Associate Professor#	PhD, Ohio State University, 1999	Geography/ Geosciences	College of Arts & Sciences
Smallwood, Ashley Michelle	Assistant Professor	PHD, Texas A&M University, 2011	Anthropology	College of Arts and Sciences	Song, Zhao-Hui	Professor#	PhD, University of Minnesota, 1992	Pharmacology & Toxicology	School of Medicine
Smith, Christina Dianne	No Academic Rank	MA, University of Louisville, 2008	College of Arts and Sciences	College of Arts & Sciences	Speck, Frederick Alan	Professor*#	DMA, University of Maryland, 1984	Performance Studies	School of Music
Smith, Steven Patrick	Instructor Term	MA, Western Kentucky University, 1980	English	College of Arts & Sciences	Stanev, Hristomir Atanasov	Associate Professor#	PhD, University of Chicago, 2009	English	College of Arts & Sciences
Smith, Lars S	Professor*#	LLM, Franklin Pierce Law Center, 1998 JD, New England School of Law, 1992	Law	School of Law	Stansel, Ian Robert	Assistant Professor#	PhD, University of Houston, 2012	English	College of Arts & Sciences
Smith, Remington Spencer Drew	Assistant Professor#	MFA, University of Iowa, 2014	Communication	College of Arts & Sciences	Stark, Geneva Annette	Assistant Professor Term	PHD, University of Louisville, 2005	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development

Starr, Thomas L	Professor#	PhD, University of Louisville, 1976	Chemical Engineering	JB Speed School of Engineering	Sun, Jeffrey C	Professor#	PhD, Columbia University, 2012	Educational Leadership, Evaluation, & Organizational Development	College of Education & Human Development
States, J. Christopher	Professor#	PhD, Albany Medical College, 1980	Pharmacology & Toxicology	School of Medicine	Sun, Zihui	Professor#	PhD, Northwestern University, 2005	Civil & Environmental Engineering	JB Speed School of Engineering
Steffen, Joseph M	Professor#	PhD, University of New Mexico, 1980	Biology	College of Arts & Sciences	Sundrup, Rui Zhang	Assistant Professor	PHD, University of Cincinnati, 2019	Computer Information Systems	College of Business
Steinbach Rankins, Jill Marie	Assistant Professor#	PhD, Arizona State University, 2009	Bioengineering	JB Speed School of Engineering	Sunkara, Mahendra K	Professor#	PhD, Case Western Reserve University, 1993	Chemical Engineering	JB Speed School of Engineering
Steineck, Christine G	Instructor Term	MA, University of Michigan, 1989	Communication	College of Arts & Sciences	Swanson, David	Associate Professor#	PhD, Indiana University, 2000	Mathematics	College of Arts & Sciences
Stetson, Barbara Ann	Associate Professor#	PhD, Vanderbilt University, 1991	Psychology	College of Arts & Sciences	Swartz, Kristin M	Assistant Professor#	PhD, University of Cincinnati, 2012	Criminal Justice	College of Arts & Sciences
Stevens, Forrest Robert	Assistant Professor#	PhD, University of Florida, 2014	Geography/ Geosciences	College of Arts & Sciences	Sweeny, JoAnne Mae	Associate Professor	PhD, University of London (UK), 2009 JD, University of Southern California, 2001	Law	School of Law
Stewart Jr, Thomas William	Assistant Professor Term	PhD, Ohio State University, 2004	Comparative Humanities	College of Arts & Sciences	Swinehart, Karl Frederic	Assistant Professor	PhD, University of Pennsylvania, 2012	Comparative Humanities	College of Arts & Sciences
Stiff, Bailey E	Instructor Term		Nursing	School of Nursing	Tang, Tian	Associate Professor	PhD, University of Alabama, 2008	Finance	College of Business
Stilp, Christian Edmund	Assistant Professor#	PhD, University of Wisconsin, 2011	Psychology	College of Arts & Sciences	Taniguchi, Hiromi	Associate Professor#	PhD, Princeton University, 1997	Sociology	College of Arts & Sciences
Stivers, Christopher Todd	Professor	PhD, University of North Carolina, 1998	Finance	College of Business	Tanner, Denise Jane	Instructor# Term	MFA, Spalding University, 2004	English	College of Arts & Sciences
Storer, Heather Lynn	Assistant Professor	PhD, University of Washington, 2015	Kent School of Social Work	Kent School of Social Work	Taylor, Kira Creswell	Associate Professor#	PhD, Emory University, 2009	Epidemiology & Population Health	School of Public Health & Information Sciences
Storey, Angela Diane	Assistant Professor#	PhD, University of Arizona, 2016	Anthropology	College of Arts & Sciences	Terson de Paleville, Daniela	Assistant Professor#	PhD, University of Louisville, 2011	Health & Sports Sciences	College of Education & Human Development
Story, Kaila A	Associate Professor*#	PhD, Temple University, 2007	Women's, Gender & Sexuality Studies	College of Arts & Sciences	Thielo, Angela J	Assistant Professor#	PhD, University of Cincinnati, 2017	Criminal Justice	College of Arts & Sciences
Stout, William D	Associate Professor#	PhD, University of South Florida, 1997	Accountancy	College of Business	Thomas, Mary Shelley	Associate Professor#	EdD, Columbia University, 2003	Middle & Secondary Education	College of Education & Human Development
Strickley, Sarah Anne	Assistant Professor Term	PHD, Univ. of Cincinnati, 2016 MFA, Univ. of Iowa, 2005	English	College of Arts and Sciences	Thompson, Angela Knight	Assistant Professor#	PhD, University of Louisville, 2011	Engineering Fundamentals	JB Speed School of Engineering
Sullivan, Clare Elizabeth	Associate Professor#	PhD, New York University, 2002	Modern Languages	College of Arts & Sciences	Thompson, Lee Michael	Assistant Professor	PhD, Imperial College, London (UK), 2013	Chemistry	College of Arts & Sciences
Sumanasekera, Gamini U	Professor#	PhD, Indiana University, 1995	Physics	College of Arts & Sciences					
Sumner, Riley Katherine	Instructor Term		Kornhauser Library	University Libraries					

Tillquist, Christopher R	Associate Professor#	PhD, University of Arizona, 2002	Anthropology College of Arts & Sciences	Vaughn, Vida Marie	Assistant Professor#	MLS, University of Pittsburgh, 2010	Kornhauser Library	University Libraries
Tkweme, WS	Assistant Professor#	PhD, University of Massachusetts, 2007	Pan African Studies College of Arts & Sciences	Vetvicka, Vaclav	Professor#	PhD, Czechoslovak Academy of Science, 1983	Pathology	School of Medicine
Tolson, Gerald Holmes	Professor#	MMEd, University of North Texas, 1983	Music School of Music	Vidoni, Carla	Associate Professor#	PhD, Ohio State University, 2005	Health & Sports Sciences	College of Education & Human Development
Tone, Cristiana	Associate Professor#	PhD, Indiana University, 2010	Mathematics College of Arts & Sciences	Vito, Gennaro Francis	Professor#	PhD, Ohio State University, 1978	Criminal Justice	College of Arts & Sciences
Tracy, Michael	Professor#	MA, University of Louisville, 1989	Performance Studies School of Music	Volpert, Elisabeth Marie	Instructor Term	MSN, University of Louisville, 2008	Nursing	School of Nursing
Tretter, Thomas R	Professor#	EdD, University of North Carolina, 2004	Middle & Secondary Education College of Education & Human Development	Vu, Giang Truong	Assistant Professor Term	PHD, University of Louisville, 2020 MS, University of Rochester, 2016	Health Management & Systems Sciences	School of Public Health and Information Scienc
Trucios-Haynes, Enid Frances	Professor	JD, Stanford University, 1986	Law School of Law	Wade, Michael F	Instructor Term	MBA, Webster University, 1900	Accountancy	College of Business
Trujillo, Glenn M	Assistant Professor Term	PHD, Vanderbilt University, 2019	Philosophy College of Arts and Sciences	Wagner, Lisa	Associate Professor#	PhD, Ohio State University, 1999	Modern Languages	College of Arts & Sciences
Tucker, Sarah Elizabeth	Assistant Professor Term	PHD, University of Louisville, 2017	Counseling and Human Development College of Education and Human Development	Wakeman, Kristina	Assistant Professor Term	MD, St. George's University, 2014	Pathology	School of Medicine
Turner, Joseph A	Assistant Professor#	PhD, University of Delaware, 2014	English College of Arts & Sciences	Waldie, Donna Gaye		MSN, Kentucky Wesleyan College,	Nursing	School of Nursing
Turner, Karen Diane	Assistant Professor Term	DSN, University of Kentucky, 2009	Nursing School of Nursing	Walker, Margath Alexya	Associate Professor#	PhD, University of Kentucky, 2009	Geography/ Geosciences	College of Arts & Sciences
Tyagi, Suresh C	Professor*#	PhD, University of Aligarh (India), 1980	Physiology School of Medicine	Walker, Marcus J	Assistant Professor	MLS, University of Kentucky, 2014	Law Library	School of Law
Tyagi, Neetu	Associate Professor#	PhD, Central Drug Research Institute (India), 2002	Physiology School of Medicine	Walker, Kandi L	Professor#	PhD, University of Denver, 1999	Communication	College of Arts & Sciences
Tyler, Larry D	Professor#	PhD, University of Louisville, 1985	Engineering JB Speed Fundamental School of Engineering	Wallace, Sherri L	Professor#	PhD, Cornell University, 1995	Political Science	College of Arts & Sciences
Usher, Lynn M	Instructor Term	MS, North Carolina State University, 1985	Economics College of Business	Wallace-Boaz, Krista Brooke	Associate Professor#	DMA, Northwestern University, 2004	Performance Studies	School of Music
Usher, John Stephen	Professor#	PhD, North Carolina State University, 1987	Industrial Engineering JB Speed School of Engineering	Wallis, Anne Baber	Assistant Professor# Term	PhD, Johns Hopkins University, 2003	Epidemiology & Population Health	School of Public Health & Information Sciences
Vahaly, John	Associate Professor#	PhD, Vanderbilt University, 1975	Economics College of Business	Walsh, Kevin M	Professor*#	PhD, University of Cincinnati, 1992	Electrical & Computer Engineering	JB Speed School of Engineering
Valdes, Roland	Professor#	PhD, University of Virginia, 1976	Pathology School of Medicine					
Valentine, Jeffrey C	Professor#	PhD, University of Missouri, 2001	Counseling & Human Development College of Education & Human Development					

Walte, Samantha Alexandra	Assistant Professor	PHD, Univ of Illinois at Chicago, 2019	Special Education	College of Education and Human Development	Whitney, Jeremy T	Assistant Professor	PhD, University of Louisville, 2011	Special Education	College of Education & Human Development
Wang, Yi	Assistant Professor	PhD, University of Connecticut, 2015	Communication	College of Arts & Sciences	Widdowson, Alex Oswald	Assistant Professor	PhD, Florida State University, 2018	Criminal Justice	College of Arts & Sciences
Wang, Hui	Assistant Professor	PhD, Michigan Technological University, 2013	Mechanical Engineering	JB Speed School of Engineering	Wieland, John J	No Academic Rank	PHD, Marquette University,	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development
Warawa, Jonathan Mark	Associate Professor#	PhD, University of Bristol (UK), 2002	Microbiology & Immunology	School of Medicine	Wildstrom, David Jacob	Associate Professor#	PhD, Univeristy of California, San Diego, 2007	Mathematics	College of Arts & Sciences
Warren, Manning G	Professor*	JD, George Washington University, 1973	Law	School of Law	Willenborg, Amber Renna	Instructor	MLS, University of Illinois, 2016	Reference Assistance & Instruction	University Libraries
Washington, Ahmad Rashad	Assistant Professor#	PhD, University of Iowa, 2013	Counseling & Human Development	College of Education & Human Development	Willey, Ann Elizabeth	Professor#	PhD, Northwestern University, 1993	English	College of Arts & Sciences
Watson, Corey T	Assistant Professor	PhD, Simon Fraser University (Canada), 2012	Biochemistry & Molecular Genetics	School of Medicine	Williams, Stuart Joseph	Associate Professor#	PhD, Purdue University, 2009	Mechanical Engineering	JB Speed School of Engineering
Watters, James Charles	Professor#	PhD, University of Maryland, 1977	Chemical Engineering	JB Speed School of Engineering	Williams, Michael L	Associate Professor#	PhD, University of Louisville, 2007	Comparative Humanities	College of Arts & Sciences
Watts, Emily Rae	Instructor Term		Kent School of Social Work	Kent School of Social Work	Williams, Sidney Monroe	Assistant Professor	MFA, University of Texas, 2014	Theatre Arts	College of Arts & Sciences
Weaver, Russell L	Professor^	JD, University of Missouri, 1978	Law	School of Law	Williams, Bronwyn T	Professor#	PhD, University of New Hampshire, 2000	English	College of Arts & Sciences
Welch, Karla Conn	Associate Professor#	PhD, Vanderbilt University, 2009	Electrical & Computer Engineering	JB Speed School of Engineering	Williams, Coleman, Beverly Renee	Assistant Professor	DNP, Spalding University, 2016	Nursing	School of Nursing
Wendel, Monica Lynn	Associate Professor#	DrPH, Texas A&M University, 2009	Health Promotion & Behavioral Sciences	School of Public Health & Information Sciences	Williamson, Russell	Assistant Professor		Accountancy	College of Business
Werking, Kathy Jo	Assistant Professor Term	PhD, Purdue Universtiy, 2005	Communication	College of Arts & Sciences	Williger, Gerard Michael	Associate Professor#	PhD, Cambridge University (UK), 1992	Physics	College of Arts & Sciences
Westerfeld, Jennifer Taylor	Associate Professor#	PhD, University of Chicago, 2010	History	College of Arts & Sciences	Willing, Gerold A	Associate Professor#	PhD, Auburn University, 2001	Chemical Engineering	JB Speed School of Engineering
Whetstone, Randy Carl	Assistant Professor Term	EDD, Spalding University, 2020	Educational Leadership, Evaluation, and Organizational Development	College of Education and Human Development	Wills, Jerome L	Assistant Professor	MFA, University of Florida, 2009	Theatre Arts	College of Arts and Sciences
Whitaker, Cristin Berry	Instructor Term		Nursing	School of Nursing	Wilson, Andrew James	Assistant Professor	PHD, Univ Texas at Austin, 2015	Chemistry	College of Arts and Sciences
					Wimsatt, Amy Michelle	Instructor Term	MSN, Murray State University, 2010	Nursing	School of Nursing

Windhorst, Cody Christine	Instructor Term	MEd, University of Louisville, 2009	Health & Sports Sciences	College of Education & Human Development	Yang, Li	Assistant Professor#	PhD, North Carolina State University, 2011	Industrial Engineering	JB Speed School of Engineering
Winters, Andrew Madison	Assistant Professor	MSW, University of Cincinnati, 2001	Kent School of Social Work	Kent School of Social Work	Yankeelov, Pamela Anne	Professor#	PhD, University of Louisville, 1995	Social Work	Kent School of Social Work
Wise, John Pierce	Professor#	PhD, George Washington University, 1994	Pharmacology & Toxicology	School of Medicine	Yanoviak, Stephen P	Associate Professor*#	PhD, University of Oklahoma, 1999	Biology	College of Arts & Sciences
Wise, Sandra Suanne	Assistant Professor# Term	PhD, University of Maine, 2013	Pharmacology & Toxicology	School of Medicine	Yeager, Ray Anthony	Assistant Professor Term	PHD, University of Louisville, 2016	Environmental & Occupational Health Sciences	School of Public Health and Information Scienc
Witt, Cheryl Dean	Assistant Professor	MSN, Univ of Cincinnati,	Nursing	School of Nursing					
Wittebort, Richard J	Professor#	PhD, Indiana University, 1978	Chemistry	College of Arts & Sciences	Yingling, Marissa Ellen	Assistant Professor	PhD, University of South Carolina, 2016	Social Work	Kent School of Social Work
Wolek, Krzysztof	Associate Professor#	PhD, University of Chicago, 2008	Music	School of Music	Yingling, Charlton Wesley	Assistant Professor	PhD, University of South Carolina, 2016	History	College of Arts & Sciences
Woo, Hong Ryun	Assistant Professor#	PhD, University of Iowa, 2013	Counseling & Human Development	College of Education & Human Development	Yoder, Wendy C	Associate Professor Term	PhD, Indiana University, 2000	Modern Languages	College of Arts & Sciences
Worley, Micah J	Associate Professor#	PhD, Oregon Health & Science University, 2000	Biology	College of Arts & Sciences	Yoder-Himes, Deborah Ruth	Assistant Professor#	PhD, Michigan State University, 2005	Biology	College of Arts & Sciences
Wotring, Erin Leigh	No Academic Rank		History	College of Arts and Sciences	York, Paul Andrew Diebold	Professor#	MA, Univeristy of California, Santa Barbara, 1985	Performance Studies	School of Music
Wright, Margaret Imelda	Assistant Professor Term	MSN, McKendree University, 2015	Nursing	School of Nursing	Yu, Ming	Associate Professor#	PhD, Hokkaido Institute of Technology (Japan), 1995	Physics	College of Arts & Sciences
Wright, Andrew	Assistant Professor	PhD, University of Louisville, 1994	Computer Information Systems	College of Business	Zamborini, Francis Patrick	Professor#	PhD, Texas A&M University, 1998	Chemistry	College of Arts & Sciences
Wu, Dongfeng	Associate Professor#	PhD, Univeristy of California, Santa Barbara, 1999	Bioinformatics & Biostatistics	School of Public Health & Information Sciences	Zeng, Wei-Bin	Associate Professor#	PhD, University of Pittsburgh, 1988	Mathematics	College of Arts & Sciences
Wu, Ming	Instructor# Term	PhD, Communication University of China, 2008	Modern Languages	College of Arts & Sciences	Zeng, Li	Associate Professor#	PhD, University of Toronto (Canada), 1997	Modern Languages	College of Arts & Sciences
Xin, Hua	Assistant Professor	PhD, Rutgers University, 2015	Accountancy	College of Business	Zhang, Xiang	Professor#	PhD, Purdue University, 2001	Chemistry	College of Arts & Sciences
Xu, Yongzhi Steve	Professor	PhD, University of Delaware, 1990	Mathematics	College of Arts & Sciences	Zhang, Hui	Assistant Professor#	PhD, Indiana University, 2008	Computer Engineering & Computer Science	JB Speed School of Engineering
Yampolskiy, Roman Vladimirovich	Associate Professor#	PhD, University at Buffalo, SUNY, 2008	Computer Engineering & Computer Science	JB Speed School of Engineering					
Yan, Jun	Professor*#	PHD, Shanghai Medical University, 1997 MD, Jiangsu University Medicine SOM, 1985	Microbiology & Immunology/	School of Medicine					

Zhang, Qunwei	Professor#	PhD, University of Fukui School of Medical Sciences (Japan), 2000 MD, Fujian Medical University (China), 1989	Environmental & Occupational Health Sciences	School of Public Health & Information Sciences
Zhang, Haifeng	Associate Professor#	PhD, University of South Carolina, 2006	Geography/ Geosciences	College of Arts & Sciences
Zhang, Huang-Ge	Professor*#	PhD, Mississippi State University, 1994 DVM, Veterinary College of Inner Mongolia, 1985 MD, Medical School of Inner Mongolia, 1982	Microbiology & Immunology	School of Medicine
Zhang, Sumei	Associate Professor#	PhD, Ohio State University, 2008	Urban & Public Affairs	College of Arts & Sciences
Zhang, Wei	Professor	PHD, Penn State University Park, 2003	Computer Engineering & Computer Science	JB Speed School of Engineering
Zhao, Jianhua	Associate Professor#	PhD, University of Pittsburgh, 2008	Anthropology	College of Arts & Sciences
Zhao, Weihua	Assistant Professor	PhD, George Washington University, 2016	Economics	College of Business
Zheng, Qi	Assistant Professor#	PhD, Clemson University, 2013	Bioinformatics & Biostatistics	School of Public Health & Information Sciences
Ziegler, Charles E	Professor#	PhD, University of Illinois, 1979	Political Science	College of Arts & Sciences
Zink, Dianna L	Instructor Term	MA, Eastern Michigan University, 1993	Early Childhood & Elementary Education	College of Education & Human Development
Zurada, Jozef M	Professor	PhD, University of Louisville, 1995	Computer Information Systems	College of Business
Zurada, Jacek M	Professor^#	PhD, Gdansk University of Technology (Poland), 1975	Electrical & Computer Engineering	JB Speed School of Engineering

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†Department Chair, \*Endowed Chair, #Graduate Faculty, ^Distinguished Scholar

## Undergraduate Courses A-Z



## Undergraduate Course Index

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

### Courses By Subject

#### A

- Accounting (ACCT) (p. 554)
- Aerospace Studies (AIRS) (p. 557)
- American Sign Language (ASL) (p. 559)
- Anatomical Sciences & Neurobiology (ASNB) (p. 560)
- Anthropology (ANTH) (p. 562)
- Arabic (ARAB) (p. 574)
- Art (Studio) (ART) (p. 575)
- Art History (ARTH) (p. 586)
- Asian Studies (AST) (p. 593)

#### B

- Biochemistry (BIOC) (p. 596)
- Bioengineering (BE) (p. 597)
- Biology (BIOL) (p. 600)
- Business (BUS) (p. 610)
- Business Statistics (BSTA) (p. 611)

#### C

- Campus Culture / Business (CAMP) (p. 612)
- Chemical Engineering (CHE) (p. 612)

- Chemistry (CHEM) (p. 616)
- Chinese (CHNS) (p. 621)
- Chinese Studies (CHST) (p. 622)
- Civil & Environmental Engineering (CEE) (p. 623)
- Commercial Law (CLAW) (p. 627)
- Communication (COMM) (p. 628)
- Communicative Disorders (CMDS) (p. 636)
- Computer Information Systems (CIS) (p. 643)
- Computer Science & Engineering (CSE) (p. 638)
- Criminal Justice (CJ) (p. 650)
- Criminalistics & Criminology (CC) (p. 657)
- Critical & Curatorial Studies (CCS) (p. 657)

## D

- Dental Hygiene Education (DHED) (p. 658)

## E

- Economics (ECON) (p. 660)
- Education: Advanced Practitioner (EDAP) (p. 665)
- Education: Teacher Preparation (EDTP) (p. 683)
- Education: Leadership, Evaluation & Org. Development (LEAD/ELFH) (p. 667)
- Education: Special Education (EDSP) (p. 677)
- Educational & Counseling Psychology (ECPY) (p. 690)
- Electrical & Computer Engineering (ECE) (p. 692)
- Engineering Fundamentals (ENGR) (p. 699)
- Engineering Management (EM) (p. 701)
- English (ENGL) (p. 701)
- Entrepreneurship (ENTR) (p. 714)
- Equine Administration (EQIN) (p. 715)
- Exercise Physiology (EXP) (p. 718)

## F

- Finance (FIN) (p. 718)
- French (FREN) (p. 722)

## G

- General Studies (GEN) (p. 726)
- Geography (GEOG) (p. 727)
- Geosciences (GEOS) (p. 733)
- German (GER) (p. 735)
- Global Public Health (GLPH) (p. 737)
- Greek (GR) (p. 738)

## H

- Health & Sport Sciences (HSS) (p. 739)
- Hebrew (HEBR) (p. 751)
- History (HIST) (p. 752)
- Honors (HON) (p. 766)
- Humanities (HUM) (p. 769)

## I

- Industrial Engineering (IE) (p. 778)
- Interpreter Training (ITP) (p. 781)
- Italian (ITAL) (p. 784)

## J

- Japanese Language (JAPN) (p. 785)
- Japanese Studies (JPST) (p. 786)
- Justice Administration (JA) (p. 786)

## L

- Latin (LAT) (p. 787)
- Latin American & Latino Studies (LALS) (p. 788)
- Liberal Studies (LBST) (p. 789)
- Linguistics (LING) (p. 789)

## M

- Management (MGMT) (p. 792)
- Marketing (MKT) (p. 798)
- Math/Pathways (MAT) (p. 801)
- Mathematics (MATH) (p. 802)
- Mechanical Engineering (ME) (p. 807)
- Military Science (MILS) (p. 812)
- Modern Languages (M L) (p. 814)
- Music (MUS) (p. 818)
- Music Education (MUED) (p. 842)
- Music Education (MUSE) (p. 845)
- Music History (MUH) (p. 845)
- Music Therapy (MUTH) (p. 848)

## N

- Nursing (NURS) (p. 850)

## P

- Pan-African Studies (PAS) (p. 859)
- Peace, Justice & Conflict Transformation (PEAC) (p. 871)
- Pharmacology & Toxicology (PHTX) (p. 872)
- Philosophy (PHIL) (p. 873)
- Philosophy, Politics, & Economics (PPE) (p. 879)
- Physics & Astronomy (PHYS) (p. 879)
- Physiology (PHZB) (p. 885)
- Planning (PLAN) (p. 885)
- Political Science (POLS) (p. 886)
- Portuguese (PORT) (p. 895)
- Psychology (PSYC) (p. 896)
- Public Administration (PADM) (p. 905)
- Public Health, Biostatistics (PHST) (p. 907)
- Public Health, Environmental Health (PHEH) (p. 911)
- Public Health, Epidemiology (PHEP) (p. 905)
- Public Health, Health Promotion & Behavioral Science (PHPB) (p. 909)

- Public Health, Management Systems Sciences (PHMS) (p. 912)
- Public Health, Public Health (PHPH) (p. 913)

## R

- Russian (RUSS) (p. 915)

## S

- Social Change (SCHG) (p. 917)
- Social Work (SW) (p. 919)
- Sociology (SOC) (p. 924)
- Spanish (SPAN) (p. 931)
- Sport Administration (SPAD) (p. 935)
- Sustainability (SUST) (p. 938)

## T

- Theatre Arts (TA) (p. 940)

## U

- Urban Studies (URBS) (p. 946)

## W

- Women's, Gender & Sexuality Studies (WGST) (p. 947)

## Accounting (ACCT)

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#### ACCT 200. Elements of Accounting 1.5 Units

**Prerequisite(s):** Admission to the Business Essentials minor program; MGMT 101; CIS 100 or CIS 250.

**Description:** This course is designed to introduce non-business students to the processes involved in creating financial statements and the use of those statements in the operation of a business or other entity.

**Note:** This course is not open to College of Business students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

#### ACCT 201. Principles of Financial Accounting 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** An ACT math score of 25 or an SAT1 Math Sub-score of 580; or completion of MATH 111.

**Description:** The course focuses on the relevance and interpretation of accounting information for decision making. Preparation of financial statements is also covered.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### ACCT 202. Principles of Managerial Accounting 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ACCT 201.

**Description:** The course focuses on the information needed by management, where this information can be obtained, and how it can be used to carry out management's responsibilities within an organization.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### ACCT 205. Honors Principles of Accounting 6 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** An ACT math score of 25; or an SAT1 Math Sub-score of 580; or completion of MATH 111.

**Description:** Students explore financial statement analysis and managerial accounting techniques and use these tools to solve business problems.

**Note:** Open only to students accepted in the Honors Program.

**Note:** Replaces ACCT 201 - ACCT 202 sequence in the business core.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### ACCT 301. Intermediate Accounting I 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** (Accounting certificate students only) ACCT 201 or ACCT 205.

**Prerequisite(s):** ACCT 201 or ACCT 205.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** The first of two courses dealing with financial reporting as reflected in Generally Accepted Accounting Principles. The course will discuss the theoretical underpinnings and the practical applications of income determination and balance sheet valuations. Focus is on the accounting cycle and the nature of the financial statements.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### ACCT 302. Intermediate Accounting II 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ACCT 301, Restricted to BSBA and ACCTCAC/ACCTCACO students.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A continuation of the study of income determination and balance sheet valuations which was begun in ACCT 301.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ACCT 310. Introduction to Accounting Information Systems** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 301 An introduction to Accounting Information Systems, covering systems and control concepts, procedures and technologies, as well as systems development processes and software applications.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:**  
**Note:** Restricted to students admitted to College of Business BSBA, BSE, ECON BA majors and Accounting Certificate.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 315. Introduction to Taxation** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 202 or ACCT 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** An introduction to federal income taxation with an emphasis on the taxation of business entities, including C Corporations, S Corporations, Partnerships, Limited Liability Companies, and Sole Proprietorships. Topics include issues relating to the formation, operation, reporting requirements, and termination of entities. The course will also cover tax consequences resulting from transactions between entities and owners. Students will also acquire the skills necessary to perform tax research and prepare federal tax returns.  
**Note:** Restricted to students admitted to College of Business BSBA, BSE, ECON BA majors and Accounting Certificate.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 320. Managerial Cost Accounting** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 202 or ACCT 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Accumulating, reporting, and analyzing costs from the point of view of the management accountant. Emphasis is placed on the determination of costs relevant to a specific purpose, whether inventory valuation, control of current operation, or special decisions.  
**Note:** Restricted to students admitted to College of Business BSBA, BSE, ECON BA majors and Accounting Certificate.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 353. Accounting for Not-For-Profit Organizations** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 301 or faculty consent.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** The application of accounting to governmental units, charitable organizations, hospitals, and universities. Subjects include budgeting, account structure, utilization of accounting in decision making, financial statement presentation, and an introduction to cost-benefit analysis.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 396. Zero-Credit Internship-Accounting** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 301; good academic standing; validation through the Ulmer Career Management Center; students must be Accounting majors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A new workplace experience in an approved Accounting position which offers a progression of learning in a level-appropriate opportunity for practical application of classroom theory and tools. This program is available to students who have received the maximum number of co-op credit hours for their major.  
**Note:** Course is restricted and requires permission from the Ulmer Career Management Center.  
**Note:** Application to the zero-credit internship program and completion of orientation processes should be accomplished prior to employment.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 397. Co-op in Accounting I** 1-3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Completion of ACCT 301; university GPA 2.80; students must be Accounting majors.  
**Description:** A new workplace experience in an approved Accounting position which offers a progression of learning in a level-appropriate opportunity for practical application of classroom theory and tools.  
**Note:** Application to the co-op program and completion of orientation processes should be accomplished prior to employment.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 398. Co-op in Accounting II** 1-3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 397 for no more than 2 credit hours; university GPA 2.80; validation through COB Co-op office.  
**Description:** A new or continued workplace experience in an approved Accounting position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ACCT 399. Co-op in Accounting III** 3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Permission of COB Co-op office.  
**Description:** A new or continued workplace experience in an approved Accounting position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 401. Advanced Accounting Problems** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ACCT 302.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A study of partnerships, business combinations, consolidated financial statements, and accounting for multinational enterprises.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 411. Advanced Accounting Information Systems - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 302, ACCT 310, ACCT 315, ACCT 320, FIN 301, MGMT 301, and MGMT 401 (or concurrently); Senior standing.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Coverage includes advanced data base concepts, the design and evaluation of a computerized information system, and operational and managerial auditing. Restricted to students admitted to College of Business BSBA, BSE, ECON BA majors and Accounting Certificate.  
**Note:** FIN 301, CLAW 301, MGMT 301, MKT 301, and MGMT 401 prerequisites do not apply to students admitted prior to Summer 2011.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 415. Advanced Taxation** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACCT 302 (or concurrently); ACCT 315.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A study in detail of the Federal taxation problems relating to partnerships, corporations, estates, and trusts. Text material is supplemented by tax return preparation and research case studies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 420. Advanced Managerial Cost Accounting** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ACCT 320.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A continuation of ACCT 320, with emphasis on accounting decision models using uncertainty, the behavioral aspects of performance evaluation, and the management accountant's response to the changing manufacturing environment.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 430. Auditing Theory and Practice** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ACCT 302 and ACCT 310.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A survey of the role of the certified public accountant as independent auditor of financial statements. Topics include professional ethics, generally accepted auditing standards, legal liability, statistical sampling, audits of EDP systems, internal control, audit work programs, and the auditor's opinion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 490. Special Topics in Accounting** 1-4 Units  
**Term Typically Offered:** Fall, Summer  
**Prerequisite(s):** Senior standing.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A variety of contemporary topics in accounting and/or taxation will be studied. Course content may vary each semester but will not duplicate other course offerings.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 499. Independent Study in Accounting** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Written proposal must be sponsored by at least one faculty member and approved by the Director of the School of Accountancy.  
**Fee:** An additional \$45.00 is charged for this course.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ACCT 500. Fundamentals of Accounting** 3 Units  
**Description:** Fundamental principles of accounting needed by the manager. Topics include the assumptions of accounting, recording and reporting transactions; interpretation of data for decision-making purposes.  
**Note:** Fulfills a Foundation Core requirement only.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ACCT 526. Finance and Accounting Applications in Logistics and Distribution** **3 Units**

**Prerequisite(s):** MKT 525.

**Description:** Fundamental principles of accounting and finance as applied to logistics and distribution as needed by managers.

**Note:** This course does not fulfill credit for MBA.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Aerospace Studies (AIRS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**AIRS 101. Foundations of the U.S. Air Force I** **1-2 Units**

**Term Typically Offered:** Fall Only

**Corequisite(s):** Concurrent enrollment in AIRS 151.

**Description:** Organizational structure of the Air Force, and the customs, courtesies, and professional appearance. Air Force core values and the concepts of professionalism and officership as they apply to the military along with the opportunities and benefits available to an Air Force officer. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 102. Foundations of U.S. Air Force II** **1-2 Units**

**Term Typically Offered:** Spring Only

**Corequisite(s):** Concurrent enrollment in AIRS 152.

**Description:** Organizational structure of the Air Force, and the customs, courtesies and professional appearance. Air Force core values and the concepts of professionalism and officership as they apply to the military along with the opportunities and benefits available to an Air Force officer. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 110. Air Force ROTC Independent Study** **1-6 Units**

**Description:** Independent study of the organizational structure of the Air Force. Customs, courtesies, benefits available and professional appearance. Also, Air Force core values and the concepts of professionalism and officership.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 151. Air Force ROTC Leadership Laboratory** **0 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall Only

**Description:** Training in Air Force customs and courtesies, drill and ceremonies, instructing the other cadets, and the environment of an Air Force officer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 152. Air Force ROTC Leadership Laboratory** **0 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Spring Only

**Description:** Training in Air Force customs and courtesies, drill and ceremonies, instructing the other cadets and the environment of an Air Force officer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 201. Evolution of U.S. Air Power I** **1-2 Units**

**Term Typically Offered:** Fall Only

**Corequisite(s):** Concurrent enrollment in AIRS 251.

**Description:** Examination of general aspects of air and space power through a historical perspective, from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War, including discussion of the recent conflict in Iraq. This course provides students with a knowledge-level understanding for the general element and employment of air and space power.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 202. Evolution of U.S. Air Power II** **1-2 Units**

**Term Typically Offered:** Spring Only

**Corequisite(s):** AIRS 252.

**Description:** Examination of general aspects of air and space power through a historical perspective, from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War, including discussion of the recent conflict in Iraq. This course provides the students with a knowledge-level understanding for the general element and employment of air and space power.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 210. Air Force ROTC Independent Study** **1-6 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** AIRS 102 and AIRS 152, or permission of departmental chair.

**Description:** An independent study of general aspects of air and space power through historical perspective. Provides students with a knowledge-level understanding for the general element and employment of air and space power.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)



**AIRS 451. Air Force ROTC Leadership Laboratory** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall Only  
**Description:** Instruct 100-, 200-level cadets in Air Force customs and courtesies, drill and ceremonies, developing advanced leadership skills. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 452. Air Force ROTC Leadership Laboratory** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Spring Only  
**Description:** Instruct 100-, 200-level cadets in Air Force customs and courtesies, drill and ceremonies, developing advanced leadership skills. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 453. Air Force ROTC Leadership Laboratory** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** AIRS 451 and AIRS 452.  
**Description:** Instruct advanced cadets in Air Force customs and courtesies, drill and ceremonies, and aid them in developing advanced leadership skills and competencies. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AIRS 454. Air Force ROTC Leadership Laboratory** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** AIRS 451, AIRS 452, and AIRS 453.  
**Description:** Instruct advanced cadets in Air Force customs and courtesies, drill and ceremonies, and aid them in developing advanced leadership skills and competencies. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## American Sign Language (ASL)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**ASL 101. American Sign Language I** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** A functional-notional approach to learning beginning American Sign Language (ASL). Development of basic knowledge of and understanding of conversational ASL and cultural features of the language and community.  
**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 102. American Sign Language II** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ASL 101 with a minimum grade of C, or permission of instructor.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Continued development of basic knowledge and understanding of conversational ASL and cultural features of the language and community.  
**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 201. American Sign Language III** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ASL 102 with a minimum grade of C, or permission of instructor.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Development of intermediate expressive and receptive ASL skills and cultural features of the language and community.  
**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 202. American Sign Language IV** 3 Units  
**Term Typically Offered:** Spring, Summer  
**Prerequisite(s):** ASL 201 with a minimum grade of C, or permission of instructor.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Continued development of intermediate expressive and receptive ASL skills and cultural features of the language and community.  
**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 205. Accelerated American Sign Language III & IV** 6 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** ASL 102 with a minimum grade of B, or permission of instructor.**Fee:** An additional \$50.00 is charged for this course.**Description:** Allows students to complete American Sign Language III and American Sign Language IV in one semester. The course focuses on advanced expressive and receptive skills while building an understanding of the cultural context.**Note:** Recommended for intended majors.**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 213. Special Topics in American Sign Language** 1-3 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Permission of instructor.**Description:** Presentation of course material of a timely, specialized, or topical nature.**Note:** Specific course orientation will appear beside title.**Note:** May be retaken to a maximum of six hours if subject matter is different each time.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 301. American Sign Language V** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ASL 202 with a minimum grade of C, good standing in the ASLIS Program, and permission of the instructor.**Fee:** An additional \$25.00 is charged for this course.**Description:** Development of advanced expressive and receptive ASL skills and cultural features of the language and community.**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 302. American Sign Language VI** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ASL 301 with a minimum grade of C, or permission of instructor, and good standing in the ASLIB Program.**Fee:** An additional \$25.00 is charged for this course.**Description:** Continued development of advanced expressive and receptive ASL skills and cultural features of the language and community.**Note:** Clinical hours required.**Note:** Final course in the ASL sequence.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 305. Accelerated American Sign Language V & VI** 6 Units**Term Typically Offered:** Spring Only**Prerequisite(s):** ASL 102 with a minimum grade of B, or permission of instructor.**Fee:** An additional \$50.00 is charged for this course.**Description:** Allows students to complete American Sign Language III and American Sign Language IV in one semester. The course focuses on advanced expressive and receptive skills while building an understanding of the cultural context.**Note:** Recommended for intended majors.**Note:** Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 400. American Sign Language VII** 3 Units**Term Typically Offered:** Fall Only**Prerequisite(s):** ASL 302 with a minimum grade of C, or permission of instructor, and good standing in the ASLIS Program.**Description:** ASL 400 builds on the grammar and vocabulary students have learned in the beginning language sequence (ASL 101 to ASL 302). The chief aim is communicative native-like competencies, to increase understanding of advanced ASL discourse, and the improvement of conversational skills. Videos and other media from the American Deaf community will be discussed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASL 405. Advanced ASL** 2 Units**Grading Basis:** Pass/Fail**Term Typically Offered:** Spring Only**Prerequisite(s):** ASL 400 with a minimum grade of C; admission to ASLIS major and good standing in the program.**Corequisite(s):** ITP 495 ASL 405 builds on the grammar and vocabulary students have learned in the beginning language sequence (ASL 101 to ASL 302 / ASL 305) and ASL 400.**Description:** The chief aim is communicative native-like competencies, better understanding of advanced ASL discourse, and the improvement of conversational skills. Videos and other media from the American Deaf community will be discussed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Anatomical Sciences and Neurobiology (ASNB)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

### **ASNB 491. Undergraduate Neuroscience Research** 1-3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PSYC 201, or permission of instructor.

**Description:** This is the basic course for granting course credit to undergraduates participating in laboratory research. Students engage in laboratory research activities for 3 hours per week per credit hour (e.g., students enrolled in 3 credits complete 9 hours of laboratory research activities per week).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **ASNB 492. Undergraduate Neuroscience Research CUE - CUE** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PSYC 301 and PSYC 355; declared Neuroscience major.

**Description:** This course is a variation of ASNB 491, one that grants CUE credit. In addition to 9 hours per week of research activity, the student must read 10 research articles over the course of the semester, meet with their mentor regularly, and create and present their findings at a departments seminar or research symposium.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **ASNB 495. Honors Neuroscience Research** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Acceptance to the Neuroscience Honors Program (University Honors students can also enroll) and consent of instructor (i.

**Description:** e., consent of the faculty research mentor). This course involves the designing of experiments and collection of data in support of the honors thesis. This research course is the first in a series of two intended to yield a thesis for Honors in Neuroscience. The major focus in the first semester is to write a formal thesis proposal, have it approved, and begin data collection.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **ASNB 496. Honors Neuroscience Thesis - CUE, WR** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ASNB 491 or ASNB 495; admission to Neuroscience Honors Program (University Honors students can also enroll) and consent of instructor (i.

**Description:** e., consent of the faculty research mentor). Students enroll in this course in the semester that they intend to submit their Honors thesis. In order to complete this course (and earn Neuroscience Honors), the student must: 1) Form a thesis committee of three faculty, including the mentor; 2) Write a thesis paper describing the methods and results of an independent research study; and 3) Complete an oral defense and adequately address committee requests for revisions to the written thesis document.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **ASNB 502. Fundamentals of Neuroscience** 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** PSYC 355 or permission of instructor.

**Description:** Basics of cellular and systems neuroscience are taught through a combination of lectures and laboratories. Topics include: electrical potentials in the nervous system, synaptic transmission, somatosensory pathways, special senses (vision, hearing, balance, taste, and smell), eye movements, motor systems and higher functions (language, sleep and wakefulness, cognition, emotion and memory).

**Note:** Credit may not be earned in both ASNB 502 and ASNB 602.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **ASNB 510. Gross Anatomy for Students of Physical Therapy** 3 Units

**Term Typically Offered:** Summer Only

**Description:** Lectures and laboratory dissection of regions required for students of Physical Therapy.

**Note:** Limited to students of the Bellarmine University Physical Therapy program.

**Note:** Limited to 40 students maximum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **ASNB 514. Molecular Neuroscience** 3 Units

**Term Typically Offered:** Fall Odd Years

**Prerequisite(s):** ASNB 502.

**Description:** The purpose of this course in Molecular Neuroscience is to explore the molecular and cellular basis of nervous system development, function and diseases. The course will provide intellectual tools and skills to evaluate novel hypotheses and mechanisms in neuroscience. Special emphasis of the course will be to provide basic technical knowledge and tools to apply molecular biology concepts in the ongoing research in any area of neuroscience.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ASNB 517. Seminar on Developmental Neurobiology 3 Units****Term Typically Offered:** Spring Even Years**Prerequisite(s):** ASNB 502, and BIOL 329 or ASNB 514.**Description:** The purpose of this course is to provide the student with a basic understanding of the processes and mechanisms of neural development. Specific topics include emergence of the neural primordium, patterning and growth of the nervous system, neuronal determination, axonal navigation and targeting, neuron survival and death, synapse formation, synaptic refinement and the formation of specific connections.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ASNB 530. Origin of Mammalian Sensory Systems and Comparative Neurobiology 3 Units****Term Typically Offered:** Fall Even Years**Prerequisite(s):** PSYC 305, or permission of instructor.**Description:** This course examines the phylogenetic and developmental history of the mammalian senses with a focus on the integration of anatomy, neurobiology, and fossil evidence. We will study how our understanding of non-human vertebrates (both model and non-model organisms) can provide important insights into the structure and function of the modern mammalian senses and their brain correlates.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ASNB 566. Synaptic Organization of the Central Nervous System 3 Units****Term Typically Offered:** Spring Odd Years**Prerequisite(s):** ASNB 502.**Description:** The purpose of this course is to provide the student with a basic understanding of synaptic circuits and the techniques used to study them. Each week we will focus on a different brain region or circuit. During the first meeting of each week the instructor will provide an overview of the topic which includes both lecture and reading material. During the second meeting of each week, students will meet with a graduate student teaching assistant to review and discuss the course material presented that week.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Anthropology (ANTH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).**ANTH 111. Applied Mathematics for Understanding Science and Evolution - S, QR 4 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Appropriate placement score or equivalent coursework.**Description:** Any understanding of human evolution requires knowing how each fact is supported by verifiable data, and mathematics is a primary tool for any scientific investigation of the evolution of human variation. This class will develop and apply mathematical techniques and models used to investigate and describe the distribution of human biological variation.**Note:** Cross-listed with MATH 106.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ANTH 201. Introduction to Cultural Anthropology - D2, SB 3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** This course introduces cultural anthropology and surveys its fundamental questions, concepts, methods, and data. The overall question it seeks to answer: what does it mean to be human? To answer this question and many related ones involves learning concepts such as culture, cultural relativism, universal-ism, evolution, race, gender, and class. The course explores the way cultural anthropologists develop their research questions and the methods and data they use to answer them.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ANTH 202. Biological Anthropology - S 3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** This course provides a general introduction to biological anthropology through an examination of humans in the animal kingdom, the human evolutionary past, anthropological genetics, a comparative examination of primate and hominin fossils, and the dynamics of human variation and human adaptation.**Note:** Credit is not allowed for both ANTH 202 and ANTH 207.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ANTH 203. Archaeology of Human History - D2, SBH 3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** A global survey of the first 2 million years of human existence. We will trace the evolution of human culture through time, focusing on well-known archaeological sites in Africa, Asia, Europe and the Americas, examine long-term change in human societies focusing on the major developments in human physical and cultural evolution, such as tool-making, hunting, art, music, religion, the domestication of plants and animals, the rise of cities and states. Causes for these changes will be considered in detail.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 204. Archaeology - D2, SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Archaeology is about discovery and learning how and why people of the past made things, what people ate, where they settled, how they used the land and sea, how they organized their societies and economies, and the nature of their religious practices and ideologies. This course emphasizes the history of archaeological endeavors, the theories that guide archaeological research and the methods and tools used by archaeologists to study the lifeways of the past.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 205. Music in World Cultures - D2, SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** General introduction to the world of music covering basic elements of music along with the socio-cultural aspects of music and music-making from an ethnomusicological perspective.  
**Note:** Cross-listed with MUH 205.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 206. Principles of Archaeology - B** 4 Units  
**Description:** This course introduces students to the science of archaeology. We will cover the practical ways in which various sciences and technologies that contribute to our knowledge of how the world works also make possible our interpretation of the archaeological record. In addition to lecture, students will have the opportunity to actively explore and better understand archaeological methods in a laboratory setting.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 207. Principles of Biological Anthropology - B** 4 Units  
**Description:** This course provides a general introduction to biological anthropology through an examination of the place of humans in the animal kingdom, the human evolutionary past, a comparative examination of primate and hominid fossils, and the dynamics of human variation and human adaptation. In addition to lecture, students will have opportunity to actively explore and better understand the methods of biological anthropology in a laboratory setting.  
**Note:** Credit is not allowed for both ANTH 202 and ANTH 207.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 252. People and Their Food** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Everyone eats but we eat such different things. This course examines the reasons why, across the globe, we meet our common nutritional needs in so many different ways. We explore food and foodways as products of soil, politics, and culture.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 301. Archaeology of Sacred Sites** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course examines religion through material remains that have been excavated, conserved and interpreted by archaeologists. The archaeological record makes it clear that religious experiences were a vital component of all pre-modern cultures and that the religious impulse has been a driving force in the creation of artifacts and monuments from the Paleolithic era to the present. Although religion is traditionally studied from the perspective of theology, creeds, and iconography, the mute material record of ancient religious practices offers many insights into forms of ritual, vision and belief that appear in widely scattered parts of the world, and widely separated in time. The sacred sites studied in this course range from Stonehenge and Easter Island to Giza and Machu Picchu.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 302. Underwater Archaeology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to one of the newest and most important fields within the discipline of archaeology: underwater archaeology. This course will examine the detection, exploration, recording, excavation, and preservation of underwater sites. Topics range from the history and development of diving techniques for working underwater, to a consideration of the laws and regulations that govern underwater exploration. Although the primary focus is on shipwrecks, the course also considers submerged cities, harbors, and other habitation sites. Emphasis will be placed on recent discoveries and advances in the field.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 303. Human Origins** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Study of the forces of evolution that shape both genetic and phenotypic human variability and exploration of the fossil record related to the evolution of modern humans.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 304. Prehistoric Archaeology of Europe - SBH** 3 Units  
**Term Typically Offered:** Spring, Fall Odd Years  
**Description:** Prehistory of Europe from the earliest occupation around a million years ago to the Iron Age; includes peopling of Europe, Neanderthals' ecology, Upper Paleolithic creative explosion, spread of farming, trade, and rise of complex societies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 305. Genes, Peoples and Evolution** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ANTH 202 or 3 hours Biology.  
**Description:** Examines how geography and history affect genetic diversity; analyzes how genetics reconstruct individual ancestry and population history.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 306. Human Biological Variation** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ANTH 202 or 3 hours of Biology.  
**Description:** Course explores biological diversity in terms of evolutionary origin and adaptive significance.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 307. Darwin** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Darwin's work in its historical and intellectual milieu; his commitment to empirical support for his theory of evolution. The social controversy associated with misunderstanding evolution today.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 308. Primates** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Survey of primate behavior, ecology, and culture. Focus on violence and aggression, kin selection, altruism, evolution and sex, the developmental cycle, language, cognition, and male and female social behavior.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 309. Sex, Gender and Culture** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** A cross-cultural perspective on the interactions among sex, gender, and culture, including feminist/gender theory, the socially-constructed aspects of biological sex, intersex and gender-non-binary, masculinity studies, sexuality, and heteronormativity, with emphasis on US and non-U.S. cultures. Course work will include independent reading and writing assignments.  
**Note:** Cross-listed with WGST 300.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 310. Race, Culture, Identity** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** The course focuses on the concept of race—a key element in the social science and historical literature as well as a primary marker in the organization of American life. The course considers race as a historically constructed and defined concept and considers the way it is constructed in various societies. The course examines the use of racial categories over the last 200 years and their links to gender, political and social trends, ethnicity and nationalism.  
**Note:** Cross-listed with PAS 368.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 311. Emergence of Human Culture - SBH** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Origins and development of human culture from Paleolithic to 10,000 years ago; early hominid evolution, peopling of the world, Neanderthal behavior and replacement by modern humans; emergence of modern culture.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 312. Rise of Civilization** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Focuses on sedentarization and rise of agriculture; resource intensification and domestication; emergence of inequality, complex societies, and states.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 313. Studies in Ethnomusicology - D2, SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** General introduction to the world of music and field of Ethnomusicology. Students will learn basic elements of music and various socio-cultural aspects of music and music-making from an ethnomusicological perspective.  
**Note:** Cross-listed with MUH 313.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 314. Introduction to Japanese Society - SB, D2** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course introduces students to contemporary Japanese society through the lens of cultural anthropology. It examines a broad range of topics including demography, kinship and family, education, gender, minority and ethnicity, popular culture, and environmental issues.  
**Note:** Cross-listed with AST 314.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 315. The Anthropology of Europe - SB** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course is an examination of how European cultural, social, political and economic systems vary across space and through time. It focuses attention on ethnography and historical ethnology, and draws on other social science resources, as well. The varying relationships between political, economic and cultural cores and edges are given special emphasis. Overall the course challenges a number of assumptions about what Europe is and has been.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 316. Ancient Civilizations of Mesoamerica** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Study of the civilizations of Mexico and Central America - the Aztec, Maya, their neighbors, their predecessors, and their socio-cultural legacy.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 317. Anthropology of China - D2, SB** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** It is widely acknowledged that China is a rising power in the global political economy. However, with the coexistence of tradition and modernity, the nature of Chinese culture and society remains heavily debated. This course introduces students to a wide range of topics and issues that constitute the socio-cultural fabric of contemporary mainland Chinese society. These topics include, but are not limited to, family, gender, ethnicity, religion, education, politics, and economics. Our investigation will focus on two broad themes: 1) the unity and diversity of Chinese society, and 2) the continuity and change that took place from late traditional China to the present. The goal of this course includes learning various aspects of Chinese culture and society, examining diverse anthropological approaches to the study of China, and exploring the political dimensions of representation.  
**Note:** Cross-listed with AST 317.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 318. African-American Cultural Traditions** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course is an intensive examination of the life and culture of people of African descent in the Americas. Drawing from historical and socio-cultural literature, students are introduced to the African origins of the Diaspora in North and South America, to their socio-cultural development in the American context including cultural traditions, urbanization and kinship, and to their contributions to the development of the history and culture of American countries.  
**Note:** Cross-listed with PAS 318.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 319. Cultures of the Middle East** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** The term "Middle East" refers to a geopolitical and cultural area. This course examines the anthropological literature on the region to identify, probe, and analyze socio-cultural patterns and processes across a broad region of considerable complexity. The course explores what shared patterns of cultural and social life make this a region and promote cultural integration and what are the factors that produce difference and complexity. Focus is on local-level social and cultural processes contextualized within a regional and global framework.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 320. Indigenous Peoples of North America - SBH, D1** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Survey of North American indigenous people before and after European contact with a focus on the impact of colonialism on Indian nations and their relationships with the American state.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 321. American Indian Women** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course analyses issues effecting contemporary American Indian women living and working in rural and urban communities throughout North America. In reading about lives, achievements, and contributions of American Indian women, often in their own words, we will see how they traveled the road to where they find themselves today and how their origins and traditions helped to shape their lives. The course will look at issues dealing with the roles of American Indian women within their societies, in education, in tribal politics, health issues, and stereotypes that persist in non-Indian societies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 322. Archaeology of North America - SBH** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** North America was home to many dynamic prehistoric and historic cultural traditions expressed in the diversity of social, religious, and economic life ways. We will use archaeological and ethnohistorical data in a cross-cultural comparative examination of Native North American cultures from the initial peopling to European contact. More generally, we will explore ways in which the Native North American past has served as a laboratory for the development of anthropological theories of human behavior.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 323. Cultures of Africa - SB, D2** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course provides an introduction to the ethnography of postcolonial cultures in sub-Saharan Africa. We will examine cultural, historical, political, and socio-economic factors that shape life in several countries, specifically exploring the complexity and diversity of everyday life in urban areas. The course will be centered upon a series of ethnographic readings, films, and case studies meant to introduce students to the diversity of social worlds and experiences across this broad region. We will focus on a series of core concepts and topics across the semester, including post-coloniality, development and economics, globalization, migration and mobility, activism and politics, informality, and urban space.  
**Note:** Cross-listed with PAS 383.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 324. Iberian Anthropology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Iberia's ambiguous status regarding Europe and North Africa, analyses of cultural, social, political, economic and ecological variation and continuities within Iberia and between the peninsula and other areas.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 325. The Anthropology of Latin America - SB, D2** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Exploration of culture and society in South and Central America, Mexico, the Caribbean, and the U.S. An overview featuring in-depth case studies highlighting topical themes.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 326. African Archaeology** 3 Units  
**Description:** African hosts the oldest record of human biological and cultural evolution. This course provides a general survey of the African Archaeological record, covering the time span from 3.3 million years ago to the beginning of complex societies. Archaeological relics and hominin fossil remains from different parts of the continent will be considered in order to demonstrate how early human life-ways have changed over time in terms of cultural innovations, subsistence behavior and social organizations. An overview of major ancient African civilizations and their main achievements will be discussed in the concluding segment.  
**Note:** There is no prerequisite to enroll in this course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 327. The Human Skeleton** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** The scientific and ethical use of human skeletal remains to determine specific information about a deceased individual. Emphasis will be placed on the musculo-skeletal system, bone identification, and bone development.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 328. Environmental Archaeology** 3 Units  
**Prerequisite(s):** Sophomore standing or above.  
**Description:** This course addresses climate history and long-term patterns of change in human adaptation throughout the past 130,000 years, a time span that saw important milestones in human evolution. Common sources of data for reconstructing ancient climate and environments (such as botanical, faunal, geological and isotopic approaches) will be considered to demonstrate how archaeologists study past human relationship with the natural environment. Other topics to be discussed include causes and consequences of past glaciations, past human diet, and conditions that fostered the inception of food production. The course concludes with an overview of environmental disasters, global warming and the impacts of colonialism and industrialization on the environment.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 329. Zooarchaeology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Identification of animal remains at archaeological sites, examines approaches using bone data to construct and investigate archaeological questions.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 330. Urban and Historic Archaeology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An examination of the history of North America through archaeological remains. Includes historic artifacts, architecture, and settlement patterns as related to cultural history.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 331. Anthropology of Religion** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course in the anthropology of religion explores religious systems from a comparative and holistic perspective. We will look at how anthropologists approach the topic conceptually using case studies and examples from around the world. The course examines the psychology of religion, myths and symbols, rituals and art, religious language and beliefs, ethics, social behavior, and the effects of globalization and culture change on religious systems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 332. Ecology, Politics and Culture** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Examines the interaction between natural environments, sociocultural systems and power relations. Uses case studies from around the globe to illustrate this interaction.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 333. Globalizing Inequalities - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ANTH 201, or SOC 201, or SOC 202, or faculty consent.  
**Description:** One popular story about globalization holds that human beings have been like boats all rising together on a globalizing tide. The course uses data and perspectives from across the social sciences to develop a more realistic story-one that understands that people are not boats and that tides can alternately lift them up or beat them down, refresh them or drown them depending on the circumstances. Questions about those circumstances structure the course. Another question addressed by the course; how can knowing more about globalization and in/equality help us develop the human career in different possible directions? The readings and other materials vary greatly by period, by geographical focus, and by analytical perspective.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Cross-listed with SCHG 333.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 334. Conflict, Law, and Culture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course introduces the subfield of cultural anthropology known as legal anthropology. The course considers the relationship between law and culture broadly as well as contemporary issues in legal anthropology and law and society studies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ANTH 336. War and Society - WR</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ANTH 201, or SOC 201, or SOC 202.  <b>Description:</b> This course provides cross-cultural and historical perspectives on war and its larger social context. Course readings and lectures use political, economic, cultural, and feminist approaches to understanding war and its effects on social life.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p>	<p><b>ANTH 340. Human Rights</b> <b>3 Units</b>  <b>Description:</b> An overview of human rights discourse, laws, social movements and organizations. Critical anthropological analysis of human rights as a social, cultural and legal system; discussion of debates such as universalism versus cultural relativism.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>ANTH 337. Nationalism, Violence, and the State</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> This course examines the development of the modern nation-state and its connections to violence. The course considers the processes, ideologies, and mechanisms of state-sanctioned violence, interethnic/racial violence, pogroms, massacres and warfare in historical and contemporary contexts. The course also considers the efforts of international agencies in the establishment of courts and the allocation of punishments and formal mechanisms countries have utilized to resolve conflict.</p>	<p><b>ANTH 342. Museums, Culture and Nationhood</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Examines the historical and cultural dimensions of museums; explores representations of ethnic groups in museum settings and public culture.  <b>Note:</b> Cross-listed with PAS 345.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>ANTH 338. Anthropology of Refugees</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> The course addresses forms of forced migration, including refugees, internally displaced persons, and those displaced by development and disasters. The course is organized around four broad themes; defining and conceptualizing refugees and forms of international intervention; anthropological theory of mobilities and displacement; and applied anthropology. The course covers theoretical implications of displacement central to the anthropological concern with transnational movements, mobility, identity, and belonging and the notion of the ethnographic field.</p>	<p><b>ANTH 343. Language and Culture - D1, AH</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> An ethnographic perspective to the study of language, investigating how it is used to create and maintain social institutions and rituals, and how it is differentiated across genders and ethnicities.  <b>Note:</b> Cross-listed with ENGL 330 and LING 330.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p><b>ANTH 344. Anthropology of Clothing</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Class will study how fashion and clothing are a means of understanding culture and identity; explores meaning of production and consumption of clothing globally.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>ANTH 339. The Anthropology of Space and Place</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Does where you are have anything to do with who you are? Course examines whether different spaces such as nation-states, regions, towns, and neighborhoods have anything to do with cultural difference and similarity.</p>	<p><b>ANTH 346. Sustainability: Anthropological Perspectives</b> <b>3 Units</b>  <b>Description:</b> Decision makers often target growth, mostly measured by economic indicators, as the cure-all solution to a myriad of economic, ecological, and social challenges. However, growth without consideration of the environment or social equity often leads to recurring crises. This course considers environmental, social, and economic challenges that we face from a different angle: How can we meet the needs of the present without compromising the ability of future generations to meet their own needs? The goal of this course is to foster systems thinking and take a holistic approach to explore theoretical and practical issues and solutions related to environmental, social, and economic sustainability.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**ANTH 347. Global Capitalisms 3 Units**

**Term Typically Offered:** Spring Only

**Description:** The course adopts an interdisciplinary approach to explore how capitalism is organized, practiced or resisted. It seeks to understand capitalism as historically situated and culturally-informed practices in different world regions.

**Note:** Cross-listed with AST 347.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 348. State & Empire 3 Units**

**Description:** The argument: that states and empires lie at the heart of the social sciences, of the humanities, and of our everyday lives. The devil lies mainly in the details. Different states and empires serve as examples, with specific foci depending on the instructor's expertise. Stressed:

how older empires haunt newer ones. Also emphasized: colonization and empire work as much "at home" as they do "abroad". The course is organized to keep problematical character of states and empires in our sights. It is organized, that is, to suggest that states and empires may often present where we ordinarily do not look for them.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 349. Modes of Consciousness 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course is devoted to examining how consciousness mediates between humans and the wider material world. While all of the concepts central to anthropology and the other social sciences—culture, society, evolution, history, mind, politics, economics—are premised in consciousness, the premise receives attention only sporadically. The attention that has been paid reveals that consciousness is not uniform. It has various modes. Thus the course focuses on these.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 351. Medical Anthropology 3 Units**

**Term Typically Offered:** Spring Only

**Description:** The study of health in cultural and environmental context, and cultural diversity in beliefs and behavior relating to health and healing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 352. Food and Body Politic 3 Units**

**Term Typically Offered:** Fall Only

**Description:** This course takes an interdisciplinary approach to the study of food. The course examines food and food-ways as products of soil, culture and politics. The study of food reveals much about social relations (family, gender and work) as well as national and international health, economic and environmental policy. Students will consider the forces that have shaped the food system and our daily food choices, or lack thereof. In particular, the course traces the evolution of the industrial food system in America and the impact this system has on our health, identity, environment, worker's rights, natural resources, animals, crop diversity and more.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 353. Evolutionary Anthropology 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An evolutionary anthropologist works to understand human biology and genetics using the framework of evolutionary theory to test explicit hypotheses regarding human variation. This course will review basic evolutionary theory and provide an introduction to the field of evolutionary anthropology. Special emphasis will be placed on the importance of hypothesis testing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 354. Anthropology of Infectious Disease 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Anthropology helps us understand our species across time and space from cultural and biological perspectives, and when investigating how infectious disease affects our species we must use the same perspectives. A bio-cultural approach on past and present infectious disease creates a more comprehensive and holistic scenarios when reconstructing the impact of pathogens on human populations. The course covers four paradigmatic infectious diseases: plague, leprosy, tuberculosis, and cholera.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 355. Black Death: The Pandemic that Changed Human History** 3 Units**Term Typically Offered:** Fall Even Years

**Description:** The Black Death of the fourteenth century is, perhaps, one of the most studied and discussed pandemics in human history, but still we are trying to answer different questions such as: Where did it start? How accurate is retrospective diagnosis? How did different societies and countries react against the Black Death? What were the religious and social responses to the Black Death? How did the Black Death change human populations and lifestyles? The interplay and dialogue among disciplines such as history, anthropology, and biology help us to understand how infectious diseases affect our species, and a bio-cultural approach will create a more comprehensive and holistic scenario when reconstructing the impact of epidemics on human populations.

**Note:** Cross-listed with ANTH 555.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 361. Special Topics in Anthropology** 3 Units**Term Typically Offered:** Spring Only

**Description:** Intensive study of a particular area of either archaeology or sociocultural anthropology, to be announced in the schedule.

**Note:** May be repeated as topics vary, but no more than two courses will be accepted toward the major.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 362. Special Topics in Cultural Anthropology** 1-3 Units**Term Typically Offered:** Fall, Spring

**Description:** An examination of one or more specific areas of social-cultural anthropology. Details announced each semester.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 363. Special Topics in Biological Anthropology** 1-3 Units

**Description:** An examination of one or more specific areas of biological anthropology. Details announced each semester.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 364. Special Topics in Archaeology** 1-3 Units**Term Typically Offered:** Fall, Spring

**Description:** An examination of one or more specific areas of archaeology. Details announced each semester.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 374. Forensic Anthropology Field School** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ANTH 327 or ANTH 410 or ANTH 512.

**Description:** Students will receive experimental training in survey, excavation, documentation, and analysis of a forensic crime scene.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 376. Quantitative Analysis in Anthropology** 3 Units**Term Typically Offered:** Fall Even Years

**Description:** This course provides an introduction to the use of quantitative analysis methods in anthropological research. Topics will include descriptive statistics, hypothesis testing, and multivariate statistics. The course will focus on choosing the appropriate statistical tests to answer specific research questions, proper interpretation of results, and visual and graphical methods for displaying results. This course is not intended to be an advanced math class, and derivation of statistical tests will not be covered in detail. However, students will be expected to gain an understanding of the logic and assumptions behind each test, when it should be used, and how results should be interpreted.

**Note:** Cross-listed with ANTH 576.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 377. Field Methods in Archaeology** 2-6 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Permission of instructor.

**Description:** A field course in which students participate in site survey and excavation. Requires 35 hours a week in the field and a paper.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 378. Lithic Technology** 3 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Sophomore standing or above.**Fee:** An additional \$25.00 is charged for this course.

**Description:** This course provides an introduction to the study of stone tool technology. Topics to be covered include broad examination of major changes in stone tool technology during the course of human prehistory (~3.3 million-10,000 years ago), analytical approaches commonly employed by archaeologists to interpret the lithic record, and experiential learning through knapping and lab exercises. In addition to the hands-on exercises, the course material is supported by films, and required readings from the textbooks and journal articles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 379. Ceramic Analysis** 3 Units

**Description:** Pottery is abundant in many archaeological sites, and the study of pottery has a long history in archaeology. Analysis and interpretation of ceramics has been used by archaeologists to accomplish varied ends: to establish a time scale, to document interconnections between different areas, sites or groups of people, and to suggest what activities were carried out at particular sites. Archaeologists also use ceramics as a basis to understand the organization of ceramic production itself as an important activity. The varied means that archaeologists use to bridge the gap between the recovery of ceramics and their interpretation is the focus of this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 380. Ice Age People: Colonization of the Americans - SB** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** It is widely accepted that the first Americans came into the New World sometime before 12,000 years ago, when the earth was in an Ice Age. Beyond this, little is certain. Anthropologists use artifacts to piece together the story of who the initial colonists were, where they originated, when and how they got here, and how they adopted to their new landscape. The goal of this course is to explore the contributions of archaeology, human genetics, paleoanthropology, linguistics, vertebrate paleontology, and paleogeography in peopling of the Americas research. We will discuss how the evidence provided by these disciplines is used in the search for Ice Age Americans. In other words, how researchers use prehistoric artifacts to build ideas about the prehistory of America. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 381. Geoarchaeology** 3 Units  
**Term Typically Offered:** Spring Even Years  
**Description:** A firm grasp of geologic principles is essential for interpreting prehistoric archaeological sites, and this course provides students with a basic understanding of geoarchaeology. No prior geologic or archaeological knowledge is required to take this course. The course begins with the basics of sediments, soils, stratigraphy, and dating. This is followed by discussion of different depositional environments and their impacts on the archaeological record. Key topics include site formation processes, landscape reconstruction, and interpretation of climate change.  
**Note:** Cross-listed with ANTH 581.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 401. Cooperative Internship in Anthropology** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Permission of the Anthropology department faculty internship coordinator or department chair.  
**Description:** An assignment with a public agency or business. A written report or project is required.  
**Note:** May be repeated.  
**Note:** Three hours may apply to Anthropology major or minor.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 410. Skeletal Forensics** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ANTH 327.  
**Description:** Details advanced recovery methods, the use of anthroposcopic and metric traits to estimate race, age, sex and stature. Various forms of trauma and postmortem changes to bone are highlighted. Specific aspects of individualization and positive identification are assessed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 430. Practicum in Anthropology Education** 1 Unit  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of instructor required.  
**Description:** A practical learning experience in active learning pedagogy and practices in anthropology education. This course includes experiential learning as a peer educator/undergraduate teaching assistant.  
**Note:** Must be selected by instructor for anthropology UTA to enroll.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 450. Readings and Research** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 9 hours in Anthropology or related areas and department chair consent.  
**Description:** Supervised readings and research centered around a specific region or topical field of the student's choice.  
**Note:** May be repeated for a maximum of 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 451. Independent Study** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 475. Engaged Anthropology - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Junior standing and 15 credits in Anthropology or permission of instructor.  
**Description:** In this course, students will explore anthropology as a profession and discipline that engages the public and contemporary issues and examine how majors use the knowledge and skills of an anthropology degree in the professional world. The purpose of this course is to enable students to make connections across sub fields, synthesize their understanding of anthropology, and think critically about its place in our communities and the world. The course will be team-taught and will cover the three sub-fields in the department: Cultural Anthropology, Biological Anthropology, and Archaeology. Course activities will include field trips, engagement with local organizations, and guest lectures. This course will also include a practicum intended to prepare anthropology majors for a successful job search or graduate school application in which students will learn to articulate the knowledge and skills they have acquired during their undergraduate degree.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 499. Senior Honors Thesis** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior class standing, major in anthropology; admission to Anthropology Department honors program.  
**Description:** To be taken only with consent of a member of the departmental faculty who agrees to act as thesis adviser.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 507. Space, Place and Culture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Graduate status, or consent of instructor.  
**Description:** This course is organized around the question of how culture is spatially distributed. How are specific spaces and places constructed, connected, and interpreted through cultural practices?  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 508. History of Anthropology - WR, CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior status, and 18 hours of Anthropology credits.  
**Description:** The course provides an integrated introduction to a history of theory and practice in anthropology. Interleaving examples from cultural, archaeological, and biological anthropology, the course delves into understanding anthropological work as the production of knowledge. Encountering elements from the traditional corpus of anthropological literature, as well as contrarian pieces, students will refine their abilities to hold an informed anthropological perspective, even as they reconcile and come to understand inconsistencies in the past practice of anthropology. This course is designed to furnish a strong basis for postbaccalaureate study and applied anthropological practice.  
**Note:** Anthropology graduate students cannot enroll in this class.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 509. Archaeological Theory and Methods - WR** 3 Units  
**Prerequisite(s):** Junior or senior status, and 18 hours of Anthropology credits.  
**Description:** Archaeological theory and methods emphasizing basic practices and procedures in research skills and writing in archaeology.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Anthropology graduate students cannot enroll in this class.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 510. Methods in Biological Anthropology - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ANTH 202, and either ANTH 303 or ANTH 353.  
**Description:** Bio-anthro methods, general approaches to research, and data management skills. Covers anthropometric variation and analysis of molecular data.  
**Note:** Anthropology graduate students may not enroll in this course.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 511. Ethnographic Methods - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Junior or senior status, and 18 hours of Anthropology credits.  
**Description:** Explores the range of qualitative research methods and techniques. Emphasis is on designing and developing a research project and conducting ethnographic fieldwork.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Anthropology graduate students cannot enroll in this class.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 512. Methods in Skeletal Forensics - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ANTH 202 or ANTH 204, and ANTH 327, and ANTH 410.  
**Description:** This course trains students in the methods for documenting and preparing a skeletal forensics analysis report. Students will analyze a set of skeletal remains of an "unknown" individual or individuals, catalog and enter each element into a database for analysis, analyze the results, and write a report of the unknown individual(s) including species, age, ancestry, stature, sex and any trauma or pathologies present. Students will produce a documented report of the remains that could be entered as evidence and stand scrutiny of a court or coroner's rendering.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 517. Anthropology of China** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Graduate standing or permission of the instructor.  
**Description:** It is widely acknowledged that China is a rising power in the global political economy. However, with the coexistence of tradition and modernity, the nature of Chinese culture and society remains heavily debated. This course explores a wide range of topics and issues that constitute the socio-cultural fabric of contemporary mainland Chinese society. These topics include, but are not limited to, family, gender, ethnicity, religion, education, politics, and economics. Our investigation will focus on two broad themes: 1) the unity and diversity of Chinese society, and 2) the continuity and change that took place from late traditional China to the present. The goal of this course includes learning various aspects of Chinese culture and society, studying diverse anthropological approaches to the study of China, and examining the political dimensions of representation.  
**Note:** Cross-listed with AST 517.  
**Note:** Students may not receive credit for this course and ANTH 317 or AST 317.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 522. Ecology, Politics and Culture** 3 Units  
**Description:** This course examines the relations between ecology, economic system, culture, ideology and power relations. The focus moves back and forth between theoretical synthesis and case studies. The case studies are both ethnographic and historical. A few of the themes treated in detail: the role of religious ritual in regulating certain environments; the mutual influences of ecology and political economy in the making of "the Third World"; the local and global politics of national parks; combined and uneven development. Stress is laid on political ecology as a complex, shifting, analytical framework. Questions of sustainability weave in and out of the proceedings. Also emphasized: the story of ecological analysis over the last seventy years is a story about changing relations between anthropology and other social sciences.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 526. Archaeology as Practice** 3 Units  
**Prerequisite(s):** ANTH 204.  
**Description:** This course focuses on the analytical techniques that archaeologists use to study the past. Students will learn the practice of archaeology emphasizing modern methods of survey, excavation and analysis used to investigate the past. By the end of the course, students will have learned how to construct their own research plan, collect and analyze their data and draw inferences about the past.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 528. Animals and Humans** 3 Units  
**Description:** This course explores the complex and often contradictory ways that humans interact with animals. We cover a range of topics emerging from a multidisciplinary perspective including the origins of hunting and domestication: modern animal economies; cross-cultural attitudes toward animals; symbolic representations of animals in art, literature, religion and folklore; animals as companions; and the status of animals, both wild and domestic, in contemporary society. Students will gain a broad, cross-cultural perspective on the relationship humans have with the rest of the animal kingdom, focused mainly on other mammals.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 529. Zooarchaeology** 3 Units  
**Prerequisite(s):** Graduate student status.  
**Description:** The course will provide basic instruction in the identification of animal remains commonly recovered from archaeological sites. It will follow a taphonomic approach to zooarchaeology with an emphasis on understanding and interpreting the formation of archaeological faunal assemblages. The course examines approaches to using bone data to construct and investigate archaeological questions. Students will engage in hands-on identification and interpretation of animal remains commonly found in archaeological sites.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 530. Human Impacts on Past Environments** 3 Units  
**Prerequisite(s):** Graduate status, or consent of instructor.  
**Description:** This course is about the archaeological and paleoecological record of past human impacts on Earth. We will explore a number of concepts regarding socio-natural systems including land degradation, perception, resilience and sustainability. The course will provide a background for understanding the ways archaeologists and paleoecologists reconstruct past environments and recognize human impacts. We will examine a number of global case studies and discuss the possible lessons for current and future decision-making in human land-use.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 531. Anthropology of Water** 3 Units  
**Description:** Explores the political ecology of water from prehistory to present; integrates the archaeological and historical record with contemporary examples of water management; emphasis on privatization, globalization, and health.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 534. Food and Farm Movements in the Americas** 3 Units  
**Description:** An overview of social and political activism associated with agriculture and food.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ANTH 535. Nutritional Anthropology** 3 Units  
**Description:** This course provides students with a broad overview of topics in nutritional anthropology; an area of study that is highly multidisciplinary. Students will learn to critically think about the impact of culture concerning the current understanding of nutrition in a biocultural context. The course will range over nutritional aspects of human evolution, federal perspectives on nutrition, aspects of nutritional epidemiology, food and ethnicity, food and self, and obesity as culture bound syndrome.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 540. Health and Civilization** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Graduate status, or consent of instructor.  
**Description:** The central goal of this course is to understand how at multiple bio-cultural levels human populations (past and present) respond to their surroundings and social contexts, and how their responses can affect human health, the environment, and their own adaptation. To achieve this goal, the course will be focused on human lifestyle changes, the emerging of new diseases, and epidemiological transitions developed after the agricultural revolution and after the rise of complex, interdependent, and crowded societies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 549. Modes of Consciousness** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course is devoted to examining how consciousness mediates between humans and the wider material world. While all of the concepts central to anthropology and the other social sciences—culture, society, evolution, history, mind, politics, economics—are premised in consciousness, the premise receives attention only sporadically. The attention that has been paid reveals that consciousness is not uniform. It has various modes. Thus the course focuses on these.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 555. Black Death: The Pandemic that Changed Human History** 3 Units  
**Term Typically Offered:** Fall Even Years  
**Description:** The Black Death of the fourteenth century is, perhaps, one of the most studied and discussed pandemics in human history, but still we are trying to answer different questions such as: Where did it start? How accurate is retrospective diagnosis? How did different societies and countries react against the Black Death? What were the religious and social responses to the Black Death? How did the Black Death change human populations and lifestyles? The interplay and dialogue among disciplines such as history, anthropology, and biology help us to understand how infectious diseases affect our species, and a bio-cultural approach will create a more comprehensive and holistic scenario when reconstructing the impact of epidemics on human populations.  
**Note:** Cross-listed with ANTH 355.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 562. Special Topics in Cultural Anthropology** 3 Units  
**Prerequisite(s):** Consent of instructor.  
**Description:** An examination of one or more specific areas of social-cultural anthropology. Details announced each semester.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 563. Special Topics in Biological Anthropology** 1-3 Units  
**Description:** An examination of one or more specific areas of biological anthropology. Details announced each semester.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 564. Special Topics in Archaeology** 1-3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ANTH 202 and ANTH 204.  
**Description:** An examination of specific areas of archaeology. Details announced each semester.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 576. Quantitative Analysis in Anthropology** 3 Units  
**Term Typically Offered:** Fall Even Years  
**Description:** This course provides an introduction to the use of quantitative analysis methods in anthropological research. Topics will include descriptive statistics, hypothesis testing, and multivariate statistics. The course will focus on choosing the appropriate statistical tests to answer specific research questions, proper interpretation of results, and visual and graphical methods for displaying results. This course is not intended to be an advanced math class, and derivation of statistical tests will not be covered in detail. However, students will be expected to gain an understanding of the logic and assumptions behind each test, when it should be used, and how results should be interpreted.  
**Note:** Cross-listed with ANTH 376.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ANTH 578. Lithic Technology** 3 Units  
**Prerequisite(s):** Graduate status or consent of instructor.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** This course provides an introduction to the study of stone tool technology. Topics to be covered include broad examination of major changes in stone tool technology during the course of human prehistory (~3.3 million - 10,000 years ago), analytical approaches commonly employed by archaeologists to interpret the lithic record, and experiential learning through knapping and lab exercises. In addition to the hands-on exercises, the course material is supported by films, and readings from the textbooks, and journal articles. Students are required to submit a literature based term paper focusing on ethnographic or archaeological case studies that incorporate lithic datasets.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 579. Ceramic Analysis** **3 Units**

**Description:** Pottery is abundant in many archaeological sites, and the study of pottery has a long history in archaeology. Analysis and interpretation of ceramics has been used by archaeologists to accomplish varied ends: to establish a time scale, to document interconnections between different areas, sites or groups of people, and to suggest what activities were carried out at particular sites. Archaeologists also use ceramics as a basis to understand the organization of ceramic production itself as an important activity. The varied means that archaeologists use to bridge the gap between the recovery of ceramics and their interpretation is the focus of this course. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ANTH 581. Geoarchaeology** **3 Units**

**Term Typically Offered:** Spring Even Years  
**Description:** A firm grasp of geologic principles is essential for interpreting prehistoric archaeological sites, and this course provides students with a basic understanding of geoarchaeology. No prior geologic or archaeological knowledge is required to take this course. The course begins with the basics of sediments, soils, stratigraphy, and dating. This is followed by discussion of different depositional environments and their impacts on the archaeological record. Key topics include site formation processes, landscape reconstruction, and interpretation of climate change.

**Note:** Cross-listed with ANTH 381.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Arabic (ARAB)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**ARAB 121. Basic Arabic I** **4 Units**

**Term Typically Offered:** Fall, Spring  
**Description:** Beginning course in Modern Standard Arabic that introduces sound and writing systems and certain morphological and syntactic features. Emphasis on reading, speaking, listening and writing skills. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 122. Basic Arabic II** **4 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ARAB 121, placement, or permission of instructor.  
**Description:** Second course in Modern Standard Arabic with continuing emphasis on listening, speaking, reading and writing skills, and vocabulary acquisition. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 123. Basic Arabic III** **4 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ARAB 122, or permission of instructor, or placement.  
**Description:** Third course in Modern Standard Arabic that continues emphasizing listening, speaking, reading, and writing skills with advanced study of grammar. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 200. Study Abroad** **1-15 Units**

**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 201. Intermediate Arabic I** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ARAB 123, or equivalent.  
**Description:** To develop communicative skills of listening, speaking, reading and writing. Insight into Arabic language and culture. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 202. Intermediate Arabic II** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARAB 201, or equivalent.  
**Description:** Continued work on communicative skills of listening, speaking, reading and writing. Insight into Arabic language and culture. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 300. Study Abroad** **1-15 Units**

**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 310. Arabic Translation Studies** **3 Units**

**Term Typically Offered:** Fall Odd Years  
**Prerequisite(s):** Completion of or concurrent enrollment in ARAB 202.  
**Description:** A concentrated study of the intricacies and methods of Arabic translation work (both Arabic to English and English to Arabic) and the responsibilities of the professional translator. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 313. Special Topics in Arabic** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARAB 202 or permission of instructor.  
**Description:** Study of an aspect of Arabic literature, culture and/or language.  
**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 321. Arabic Conversation: Communication in Cultural Content** **3 Units**  
**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARAB 201, or instructor consent.  
**Description:** The goal of this class is to increase communicative proficiency in modern standard Arabic in a variety of situations through the use of everyday scenarios and functional vocabulary.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 322. Advanced Writing Techniques in Modern Standard Arabic** **3 Units**  
**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARAB 201, or instructor consent.  
**Description:** The focus is on writing essays using transitional devices and complex sentence structure with a more advanced level of grammar and idiomatic expressions than intermediate ARAB 201.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARAB 323. Understanding Journalistic Arabic: Reading and Listening to Arab Media** **3 Units**  
**Prerequisite(s):** Satisfactory completion of ARAB 201, or instructor consent.

**Description:** This course is designed to increase written and aural proficiency with Journalistic Arabic. It is intended for those students who have completed ARAB 201 and have a strong command of basic structures and vocabulary in Modern Standard Arabic.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Art (Studio) (ART)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific

fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**ART 101. Fundamentals of Drawing and Design** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** An introductory studio experience exploring the basic elements of art through experimentation with various media and techniques including an introduction to the use of the computer as an art tool.  
**Note:** Open to non-Art majors.  
**Note:** May not replace ART 105 or ART 106.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 102. Fundamentals of Digital Art** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** An introductory studio experience exploring the basic elements of art through experimentation with digital media and techniques using the computer as an art tool.  
**Note:** The course is designed for non-Art majors and will not count toward the major or the minor in Fine Arts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 105. Foundation 2-D Design** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Investigation of line, form, value, color and composition in two-dimensional exercises.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 106. Foundation 3-D Design** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Investigation of line, form, space, light, color, and composition in three-dimensional exercises.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 107. Foundation Drawing** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Study of the basic elements of drawing including line, value, mark-making and composition. Coursework may include work from nude models.  
**Note:** Formerly ART 115.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ART 200. Studio Art and Visual Culture - AH** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** An introduction to the studio arts, for non-majors, involving analysis, interpretation, criticism and art appreciation through studio practice. This course is intended to give the student a foundation, or strengthen a foundation a student may already have, in visual fundamentals through lectures, readings, gallery visits and hands-on activities. Students will develop an understanding of the elements of art, a basic vocabulary for describing visual art, a general understanding of the role art has played throughout Western history, and contemporary trends. Students will also be encouraged to create subject matter of personal significance to them and by the end of the term to have directions and goals they may wish to pursue in future efforts. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 205. Foundation Design Methods** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 105, ART 106, or ART 107; or faculty consent.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Fundamental methods of solving visual communication problems found in the design arts with an emphasis on clarity and immediacy of the solution for a general audience. This course is required for students who intend to apply for the BFA program in Graphic Design. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 206. Foundation Art Concepts and Methods** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 105, ART 106, or ART 107; or faculty consent.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Foundation level introduction to concepts and methods in the visual arts. This course utilizes creative and critical thinking to examine and explore a range of critical orientations and interpretive processes in the creation and understanding of meaning across studio disciplines. This three credit hour course is part of the foundation sequence of classes (one of three 200 level choices that can fulfill the requirement of students seeking a BA or BFA). For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 207. Foundation Figure Drawing** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 107.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** Study from the human figure in various media; consideration of other basic drawing problems. Coursework may include work from nude models.  
**Note:** Formerly ART 116.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 301. Introduction to Painting** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.  
**Fee:** An additional \$35.00 is charged for this course.  
**Description:** Basic problems in painting structured to develop technical and intuitive skills, and to allow for experimentation in a variety of media. Coursework may include work from nude models. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 305. Drawing and Composition** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206, or ART 207; or faculty consent.  
**Fee:** An additional \$35.00 is charged for this course.  
**Description:** Further study of drawing with a focus on the development of observational and formal skills through an emphasis on spatial structures and the organization of pictorial space. Coursework may include work from nude models.  
**Note:** Formerly taught as Intermediate Drawing.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 311. Introduction to Glassmaking Techniques** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.  
**Fee:** An additional \$35.00 is charged for this course.  
**Description:** Introduction to hot, warm and cold glass-making techniques. Emphasis on the historic and contemporary context of glass art. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 321. Introduction to Sculpture** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.  
**Fee:** An additional \$35.00 is charged for this course.  
**Description:** Introduction to concepts, materials, and processes of sculpture. This course explores both figurative and non-figurative issues in three dimensional art. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 331. Introduction to Clay** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.  
**Fee:** An additional \$35.00 is charged for this course.  
**Description:** Students will learn to create forms in clay using the potter's wheel. A variety of vessel forms will be addressed. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 341. Introduction to Printmaking 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** An introduction to printmaking as a media for visual expression. Traditional techniques such as intaglio, relief and silkscreen are offered utilizing hand-drawn, photographic or digital sources.**Note:** Formerly ART 325.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 351. Introduction to Black and White Photography 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** An introduction to photography as a fine art medium; emphasis on black and white photography utilizing a manual 35 mm camera. Students will learn how to develop film, process prints and gain insight into visual literacy.**Note:** ART 351 is required for students pursuing a BFA in 2D Studios with a concentration in photography.**Note:** Formerly Introduction to Photography.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 361. Introduction to Interior Design 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** An introduction to interior design through understanding of architectural drawings and conceptual development. This will be achieved through architectural drafting and conceptual sketches.**Note:** This course is a requirement for completion of the BFA in Interior Design.**Note:** Formerly taught as Introduction to Interior Architecture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 362. Color Theory and Human Factors in Interior Design 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** ART 361, BFA Candidacy, or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** A visual design theory course that explores the use of color theory and human factors/ergonomics information necessary for analyzing and designing the interior environment.**Note:** This course is required to be taken in the same semester as ART 561 Interior Design Studio I.**Note:** This course is a requirement for completion of the BFA in Interior Design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 371. Introduction to Graphic Design 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; BFA Graphic Design Candidacy; or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** The development of graphic design as a distinct practice including design theories with emphasis on the 20th century, modernist, postmodernist and semiotic perspectives.**Note:** This course is a requirement for completion of the BFA in Graphic Design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 372. Creativity in Advertising 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** ART 105, ART 106, ART 107 and ART 205; BFA Graphic Design Candidacy or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** Exploration of the team dynamic in an advertising agency, including the roles of art director, copywriter, and account planner. Students will work in teams and be given weekly advertising assignments in 1 of 3 consumer categories: package goods, service and non-profit. Students will be challenged to approach assignments strategically, conceptually and to develop rough executions of their ideas to make presentations and learn critiquing skills.**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.**Note:** Cross-listed with COMM 348.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 381. Introduction to Fiber/Mixed Media 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** This mixed media course introduces fiber and fabric materials and processes. Emphasis is placed on the interconnectedness of fiber to other media - painting and printing on fabric, collage and photo imagery on cloth and sculptural form in fiber.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 383. Papermaking 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.**Fee:** An additional \$35.00 is charged for this course.**Description:** Introduces the basic procedures of handmade paper while investigating paper-making as a means for contemporary expression.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 385. Introduction to Book Arts** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.

**Fee:** An additional \$35.00 is charged for this course.

**Description:** An introduction to traditional and non-traditional book arts with focus on the construction of traditional book forms such as folded bindings, Japanese stab bindings, portfolios, as well as types of multi-signature bindings. Students will investigate approaches to combining construction methods as well as the incorporation of content and imagery into the book form.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 390. Special Problems in Studio Art** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 105, ART 106, ART 107, and ART 205; or ART 206; or ART 207; or faculty consent.

**Fee:** An additional \$35.00 is charged for this course.

**Description:** Exploration of a particular theme, medium or combination of media outside the scope of established departmental curriculum.

**Note:** May be repeated with different subtitles to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 391. Special Problems in Studio Art for Non-Majors** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Fee:** An additional \$35.00 is charged for this course.  
**Description:** Exploration of a particular theme, medium, or combination of media for non-studio art majors.

**Note:** The course is designed for non-art majors and will not count toward the major or the minor in Fine Arts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 440. Cooperative Internship in Art** 1-3 Units

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** See requirements for Cooperative Internship Program in the Undergraduate Catalog.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** An individually-arranged course combining a work experience with a related academic or creative project.

**Note:** This work/learning arrangement must be overseen by a studio faculty member and by a designated employee of an organization.

**Note:** Registering for ART 440 is contingent upon the student identifying a studio faculty member who will sponsor and oversee their work.

**Note:** May not be used to fulfill minimum requirements for the major in Art or Art History.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 501. Concepts in Painting** 3 Units

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 301 and BFA Candidacy; or faculty consent.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Exploration of conceptual and technical issues in painting.

**Note:** Formerly Advanced Painting.

**Note:** May not be repeated.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 502. Advanced Concepts in Painting** 3 Units

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 301 and BFA Candidacy; or faculty consent.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Exploration of individual (self-generated) conceptual issues and techniques in painting.

**Note:** Formerly Directed Study Painting.

**Note:** May be repeated up to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 503. Special Topics in Painting** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 301 and BFA candidacy; or faculty consent.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Focused exploration of a painting topic, process, technique or issue.

**Note:** May be repeated up to 12 credit hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 504. Directed Study in Painting** 3 Units

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 502 and BFA Candidacy; or faculty consent.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** A focused, in-depth exploration of self-generated problems in painting.

**Note:** May be repeated up to a maximum of 12 credit hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 505. Advanced Figure Drawing** 3 Units

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 305 and BFA Candidacy; or faculty consent.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Advanced study of the human figure exploring more complex problems as a means of developing an individual approach to drawing. Coursework may include work from nude models.

**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ART 506. Themes and Concepts in Drawing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ART 305 and BFA Candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Individual problems stressing development of personal imagery and concepts and optional media and approaches. Coursework may include work from nude models.  <b>Note:</b> Formally taught as Advanced Drawing Concepts.  <b>Note:</b> May be repeated to a maximum of 12 hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ART 511. Advanced Glassmaking Techniques</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ART 311 and BFA candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Specialized exploration of glassmaking techniques. Emphasis on professional and academic issues pertaining to glass.  <b>Note:</b> May be repeated up to 12 hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ART 507. Directed Study in Drawing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ART 505 or ART 506; and BFA Candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Experimentation on individual problems in drawing.  <b>Note:</b> May be repeated to a maximum of 12 hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ART 512. Directed Study in Glass</b> <span style="float: right;"><b>1-3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ART 511 and BFA Candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Experimentation on individual problems in Glass. Emphasis is placed on realization and execution of ideas.  <b>Note:</b> May be repeated up to 12 hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ART 508. Art Education Methods and Research I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Fine Arts majors only.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Art education methods and current research readings to satisfy Kentucky certification requirements for teachers of art in grades K-6.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ART 518. Art Education Methods and Research II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Fine Arts majors only.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Art education methods and current research readings to satisfy Kentucky certification requirements for teachers in grades 7-12.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ART 509. Anatomy &amp; Life Drawing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ART 305 and BFA candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> The study of human anatomy for the artist as visual structural form with emphasis on skeletal system, and movement; muscle system, and surface features. Course work may include drawing from nude models.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ART 520. Adventures in Design Methods and Processes</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Prerequisite(s):</b> ART 572; BFA Graphic Design Candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> An in-depth investigation of experimental methods of the design process within the context of designing effective visual communications. This studio-based exploration of graphic design revolves around Adventures: unconventional projects with emphasis placed on experimentation and observation.  <b>Note:</b> This course satisfies an elective for completion of the BFA in Graphic Design.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ART 510. Design for Visualizing Data and Information</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ART 572; BFA Graphic Design Candidacy; or faculty consent.  <b>Description:</b> Exploration of the design and production of a variety of formats (charts, tables, maps, diagrams) and challenges (presenting the information in a visually engaging way with accuracy and integrity); targeting a variety of audiences. Emphasis is placed on both the thinking and the making that goes into a successfully designed data visualization.  <b>Note:</b> This course satisfies an elective for completion of the BFA in Graphic Design.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ART 521. Practice of Sculpture</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ART 321 and BFA Candidacy; or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Introduction to a wide range of sculpture processes and media with an exploration of concepts and issues in contemporary sculpture.  <b>Note:</b> Formerly taught as Sculpture II.  <b>Note:</b> May be repeated to a maximum of 12 hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**ART 522. Sculpture Strategies** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 321 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Exploration of sculpture at the advanced level with emphasis on developing an individual direction in sculpture.  
**Note:** Formerly taught as Advanced Sculpture.  
**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 523. Directed Study in Sculpture** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 521 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation on individual problems in sculpture.  
**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 530. Environmental Graphic Design and Wayfinding** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 572; BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Problems in architectural, environmental, and placemaking graphic design.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 531. Advanced Ceramics: Wheelthrowing** **3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 331 and BFA Candidacy; or consent of instructor.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Focus on individual expression, experimentation and development of subject in wheelthrown vessels. Loading and firing of kilns is expected.  
**Note:** Formerly taught as Advanced Ceramics I.  
**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 532. Advanced Ceramics: Sculptural Forms** **3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 331 and BFA Candidacy; or consent of the instructor.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Focus on individual expression, experimentation and development of content driven sculptural forms. Students explore abstraction, observation and narrative through singular or modular pieces. Loading and firing of kilns is expected.  
**Note:** Formerly taught as Advanced Ceramics II & Handbuilding Techniques.  
**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 533. Clay Glazes and Firing** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 331 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** The study of the chemistry of clay and glazes. Students will develop and test formulas for clay bodies, slips and glazes. The theories and practice of firing ware will also be explored.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 534. Directed Study in Ceramics** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 531 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation on individual problems in clay and ceramics.  
**Note:** May be repeated up to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 540. Art, Design and Meaning** **3 Units**

**Term Typically Offered:** Spring Even Years  
**Prerequisite(s):** ART 572; BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Readings and experiments applying semiotics to visual communication problems in the fine and design arts.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 541. Studio Practice in Printmaking** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 341.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Advanced projects in all printmaking media. Emphasis is on the unique qualities of print media for personal expression.  
**Note:** Formerly ART 525.  
**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ART 542. Digital Printmaking** 3 Units  
**Prerequisite(s):** BFA Candidacy or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Using the computer to create imagery for printmaking. An introduction to digital techniques to be used alone or in conjunction with traditional printmaking media to produce fine art prints.  
**Note:** Formally ART 526.  
**Note:** May be repeated to a maximum of 12 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 543. Directed Study in Printmaking** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 541 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation on individual problems in printmaking.  
**Note:** Formerly ART 527.  
**Note:** May be repeated to a maximum of 12 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 550. Lettering and Font Design** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Prerequisite(s):** ART 572; BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** In-depth investigation of the contemporary world of handmade work marks and typeface design.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 551. Lighting** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 351 or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Exploration of black and white photography emphasizing techniques and processes as well as conceptual problem solving.  
**Note:** Formerly taught as Photography Techniques and Processes.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 552. Color Imaging** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 351 or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Exploration of color photography concepts and digital media utilizing photographic principles and techniques.  
**Note:** Formerly Color Photography.  
**Note:** May be repeated to a maximum of 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 554. Alternative and Historic Photographic Processes** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 351 or Faculty Consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Exploration of historic and alternative methods of photographic image making. Students will gain an understanding of historic photographic principles in a historic context.  
**Note:** May be repeated to a maximum of 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 555. Directed Study in Photography** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 351, BFA Candidacy, or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation on individual problems in photography.  
**Note:** May be repeated to a maximum of 12 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 556. Experimental Photography** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 351; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation with historic and alternative photographic methods of image making.  
**Note:** May be repeated up to 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 557. Advanced Photography** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 551 and ART 552, or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Working in a variety of photographic media including color, black and white, and alternative processes, students develop a personal portfolio and understanding of contemporary issues in photography.  
**Note:** Formerly taught as ART 553.  
**Note:** May be repeated to a maximum of 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 559. Computer Applications for Interiors I** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 361; BFA Candidacy or faculty consent.  
**Description:** An introduction to professional applications for graphic communication skills, specifically the technical drawings used in construction. Students will develop a set of construction drawings and schedules for a project of their own design. The course will introduce professional applications for AutoCAD and drawing skills, and foster the continuing development of those skills.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ART 560. Sustainable Design** 3 Units  
**Prerequisite(s):** ART 361 and ART 362; BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Principles and theory of sustainable design in order to prepare students for the LEED (Leadership in Energy and Environmental Design) accreditation exam. Students will also learn to apply LEED professional standards into practical design solutions through interdisciplinary projects.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 561. Interior Design Studio I** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 361 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Introduction to small scale interior design projects emphasizing process and techniques in relation to special populations.  
**Note:** Formerly taught as Interior Architecture Studio I.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 562. Interior Design Studio II** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 561 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Study of three-dimensional space through model making.  
**Note:** Formerly taught as Interior Architecture Studio II.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 563. Interior Design Studio III** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 562 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Design of projects involving such areas as historic preservation, hospitality, and retail sales.  
**Note:** Formerly taught as Interior Architecture Studio III.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 564. Interior Design Studio IV** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 563 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Large scale office design involving programming, space planning and specifying materials. Practice for NCIDQ exam.  
**Note:** Formerly taught as Architecture Studio IV.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 565. Directed Projects in Interior Design** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Senior standing; BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Development of advanced research and project design.  
**Note:** Formerly taught as Directed Projects in Interior Architecture.  
**Note:** May be repeated to a maximum of 6 hours.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 566. Interiors Construction** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Prerequisite(s):** ART 361 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** A study of interiors construction components and materials. A review of building codes, specifications and terminology.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 567. Interior Finishes** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 361 and BFA Candidacy; or faculty consent.  
**Description:** A study of interior materials, such as wall coverings and floor coverings and their fabrication, and marketing and installation procedures.  
**Note:** Formerly taught as Textiles and Finishes for Interior Design.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ART 568. Building Systems** **3 Units**  
**Term Typically Offered:** Fall Even Years  
**Prerequisite(s):** ART 361 and BFA Candidacy; or faculty consent.  
**Description:** An investigation of building systems including - HVAC, plumbing, electrical, lighting and acoustics and other systems.  
**Note:** Formerly taught as Environmental Systems.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 569. Computer Applications for Interiors II** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 361 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Intensive use of industry-standard software applications in the exploration, documentation, and presentation of design projects. Course will take students from 2-D drafting to 3-D modeling, rendering, and animation.  
**Note:** Formerly Computer Applications in Interior Design.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 570. Design for Public Issues** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Senior standing and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** The development, preparation and editing of a resume and a portfolio of work for presentation within the graphic design industry. Focus on graphic design for a defined public issue and audience. Through research and critical thinking, students define, develop and design a complete visual communications program to effectively communicate the selected public issue to the specifically defined audience.  
**Note:** This course is a requirement for completion of the BFA in Graphic Design.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 571. Typography I** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 371 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Investigation of typography principles and methods with an emphasis on text typography.  
**Note:** This course is a requirement for completion of the BFA in Graphic Design.  
**Note:** Formerly taught as Letterforms I.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 572. Typography II** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 571 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Investigation of advanced typography principles and methods with an emphasis on display typography.  
**Note:** This course is a requirement for completion of the BFA in Graphic Design.  
**Note:** Formerly taught as Letterforms II.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 573. Identity Systems** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 572 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** The identifying mark and its application across a variety of message platforms. This course is a requirement for completion of the BFA in Graphic Design.  
**Note:** Formerly taught as Graphic Design IV.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 574. The Book Form** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ART 572 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** The communication and expressive possibilities of bound pages as a medium for words and images.  
**Note:** This course is a requirement for completion of the BFA in Graphic Design.  
**Note:** Formerly taught as Graphic Design V.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 575. Packaging Design** **3 Units**  
**Term Typically Offered:** Fall Odd Years  
**Prerequisite(s):** ART 572 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Problems in designing for packaging structures.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.  
**Note:** Formerly taught as Packaging.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ART 576. Web Site Design** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 572 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Investigation and practice of web site design as a contemporary fine art and communication medium.  
**Note:** This course is a requirement for completion of the BFA in Graphic Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 577. Design for Interaction** 3 Units  
**Term Typically Offered:** Spring Even Years  
**Prerequisite(s):** ART 572 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** An investigation of the design process within the context of designing for human interaction; Advanced problems in designing for screen within the context of user experience, user interface, and interaction through screens, movement, and a variety of dynamic graphic displays exploring storymapping and narrative as vehicles.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.  
**Note:** Formerly taught as Advanced Web Site Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 578. Image and Installation** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 351 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Students will construct artwork designed to transform site-specific spaces by using analog and digital approaches. Multi-sensory experiences of space and time will be explored through basic video editing, drone flying, sculptural, perceptual and interdisciplinary-based assignments. Installation work will be contextualized with respect to other forms of aesthetic experience and constructed with meaningful connections between individuals, sites, history, technology and materials. Artists and collaborative groups who utilize a variety of methods in order to activate public space or site-specific locations will also be studied.  
**Note:** May be repeated to a maximum of 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 579. Directed Study in Graphic Design** 1-3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 571 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation on individual problems in graphic design.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.  
**Note:** May be repeated to a maximum of 12 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 580. Advanced Book Forms** 3 Units  
**Term Typically Offered:** Fall Even Years  
**Prerequisite(s):** ART 574 and BFA Graphic Design Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Advanced problems in publications for print and screen.  
**Note:** This course satisfies an elective for completion of the BFA in Graphic Design.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 581. Advanced Fiber/Surface Design** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 381 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Traditional as well as non-traditional fiber techniques are used as a means for developing conceptual skills and problem solving ability in pursuit of a personal direction. Emphasis on surface development using printing, painting, and photo techniques.  
**Note:** Formerly taught as Fiber: Surface.  
**Note:** May be repeated to a maximum of 12 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 582. Advanced Fiber/ Mixed Media Art** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ART 381 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Traditional as well as non-traditional fiber techniques are used as a means for developing conceptual skills and problem solving ability in pursuit of a personal direction. Emphasis on sculptural form, papermaking techniques and installation.  
**Note:** Formerly taught as Fiber: Construction.  
**Note:** May be repeated to a maximum of 12 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ART 583. Papermaking** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BFA Candidacy, faculty consent for graduate credit.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Introduces the basic procedures of handmade paper while investigating papermaking as a means for contemporary expression.  
**Note:** May be taken for graduate credit.  
**Note:** May be repeated to a maximum of 6 hours.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 584. Directed Study in Fiber and Mixed Media Art** 1-3 Units

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ART 581 or ART 582; and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Experimentation on individual problems in fiber and mixed media art.  
**Note:** May be repeated to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 585. Book Art Concepts** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BFA candidacy or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** An introduction to traditional and non-traditional book arts with focus on the construction of traditional book forms such as folded bindings, Japanese stab bindings, portfolios, as well as types of multi-signature bindings. Emphasis will be placed on the book as an art form incorporating concept, design, content, and craft.  
**Note:** May be repeated to a maximum of 6 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 588. Internship in Graphic Design** 3 Units

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** BFA Graphic Design Candidacy or faculty consent.  
**Description:** An individually-arranged course combining a work experience with a related academic or creative project.  
**Note:** This work/learning arrangement must be overseen by a graphic design faculty member and by a designated employee of an organization.  
**Note:** Registering for ART 588 is contingent upon the student identifying a graphic design faculty member who will sponsor and oversee their work.  
**Note:** May not be used to fulfill minimum requirements for the BFA in Graphic Design.  
**Note:** May be repeated to a maximum of 6 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 590. Special Problems in Studio Art** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BFA Candidacy or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Advanced exploration of a particular theme, medium or combination of media outside the scope of established departmental curriculum, with emphasis on individual problems.  
**Note:** May be repeated with different subtitles to a maximum of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 595. Independent Study** 1-3 Units

**Prerequisite(s):** Minimum grade point average of 3.0 overall, and minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.  
**Fee:** An additional \$50.00 is charged for this course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 596. Professional Development in Interior Design - CUE** 3 Units

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ART 564 and BFA Candidacy; or faculty consent.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** The professional aspects of interior design, with emphasis on the fundamental knowledge and technical skills required for practice in the interior design profession and the role, purpose, and study of professional development. Students will develop, prepare, and edit a resume and a portfolio of work for presentation within the interior design profession.  
**Note:** This course is a requirement for completion of the BFA in Interior Design.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 597. Professional Development in Studio Arts - CUE** 3 Units

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior standing; BFA Candidacy and successful completion of BFA review.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** The development, preparation, and editing of a resume, artist's statement and a body of work for exhibition for 2-D or 3-D studios.  
**Note:** Exhibition must be scheduled within the same calendar year as graduation.  
**Note:** This course is required for the completion of the BFA in Studio Art and is restricted to students completing the BFA program in the current semester.  
**Note:** Permission to enroll will be granted after the student successfully passes the BFA review in the semester prior.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 598. Portfolio Development in Graphic Design - CUE 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Senior standing and BFA Candidacy; or faculty consent.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** The development, preparation, and editing of a resume and a portfolio of work for presentation within the graphic design profession.

**Note:** ART 598 may be taken concurrently with ART 570.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ART 599. Studio Art Undergraduate Capstone Seminar - CUE 1 Unit**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Senior standing and BA Candidacy; or faculty consent.

**Description:** This course provides students with a culminating experience through research, critical thinking, analytical writing and fieldwork focused on the visual arts process and professions.

**Note:** This course is required for completion of the BA in Studio Art.

**Note:** Course must be scheduled within the same calendar year as graduation.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Art History (ARTH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**ARTH 203. Introduction to Art - AH 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to the visual arts, for non-majors, involving analysis, interpretation, and criticism.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 250. Ancient Through Medieval Art - AH 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Survey of arts and architecture from antiquity to the Middle Ages.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 270. Renaissance Through Modern Art - AH 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Survey of art and architecture from the Renaissance to the present.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 290. Survey of Asian Art - D2, AH 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A survey of the major artistic traditions of Asia, primarily China, India, Japan, Korea, and Southeast Asia from Neolithic times to the turn of the twentieth century.

**Note:** Cross-listed with AST 290.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 301. History and Issues of Graphic Design 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** BFA Graphic Design Candidacy or faculty consent.

**Description:** The themes, styles, expressions, technologies and artists that contributed to contemporary graphic design, with special consideration on the period from 1800 to present.

**Note:** This course is taken in the same semester as ART 371.

**Note:** This course is a requirement for the completion of the BFA in Graphic Design.

**Note:** May be used to satisfy an ARTH elective for the BA in Art History.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 320. Twentieth-Century Art 3 Units**

**Prerequisite(s):** ARTH 270 or faculty consent.

**Description:** Survey of international art between 1900 and the present.

**Note:** Credit may not be earned for this course and ARTH 321 or ARTH 325.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 321. Art 1900-1945 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 270 or faculty consent.

**Description:** Survey of international art between 1900 and 1945.

**Note:** Credit may not be earned for this course and ARTH 320 or ARTH 325.

**Note:** May be used to satisfy the Period/Area 2 - after 1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 322. Pop Art & Fluxus** 3 Units

**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** Pop Art & Fluxus investigates the international, historical, and historiographic components of two artistic movements that developed simultaneously in the late 1950s. The course considers their visual strategies and ideological positions, foregrounds the interpretive contexts in which they have been conventionally situated (ranging from social realism and Marxist critiques to camp sensibility), and challenges students to pursue a critical reevaluation of these approaches.  
**Note:** May be used to satisfy the Period/Area 2 - after 1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 325. Art Since 1945** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270, or faculty consent.  
**Description:** Survey of international avant-garde art from 1945 to the present.  
**Note:** Credit may not be earned for this course and ARTH 320 and ARTH 321.  
**Note:** May be used to satisfy the Period/Area 2 - after 1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 326. International Trends in Contemporary Art** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** Survey of international developments in contemporary art since 1980.  
**Note:** May be used to satisfy the Period/Area 2 - after 1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 331. Chinese Art** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 250, or ARTH 270, or ARTH 290; or faculty consent.  
**Description:** An introduction to important Chinese artistic works and stylistic changes through history and their relationships with Chinese society, culture and visual traditions.  
**Note:** Cross-listed with AST 331.  
**Note:** May be used to satisfy the Period/Area 3 - Non-western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 335. Twentieth Century Chinese Artists and Architects - D2, AH** 3 Units

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ARTH 250, ARTH 270, or ARTH 290, or faculty consent.  
**Description:** This course studies twentieth-century Chinese art and architecture through major artists and architects whose work showcases the rethinking of Chinese culture in the modern era and global context.  
**Note:** May be used to satisfy the Period/Area 3 requirement.  
**Note:** Cross-listed with AST 330.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 337. Eastern Asia Landscape Art** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 250, ARTH 270, or ARTH 290, or consent of instructor.  
**Description:** This course explores the traditions of Chinese and Japanese landscape art and design from its beginning phase around the first century until early 20th century.  
**Note:** Cross-listed with AST 337.  
**Note:** May be used to satisfy the Period/Area 3 - Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 339. Architecture and Gardens in China and Japan** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 250, or ARTH 270, or ARTH 290; or faculty consent.  
**Description:** This course provides an overview of the built environment in China and Japan, both traditional and modern.  
**Note:** May be used to satisfy the Period/Area 3 Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 341. African Art: A Survey** 3 Units

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ARTH 250, or ARTH 270, or ARTH 290; or faculty consent.  
**Description:** Examination of African art from the Paleolithic era to contemporary times. Relationship between classical Egyptian art and sub-Saharan art forms.  
**Note:** Cross-listed with PAS 381.  
**Note:** May be used to satisfy the Period/Area 3 - Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 342. Selected Topics in Art History 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Junior standing or faculty consent.

**Description:** An examination of one or more specific areas of Art History. Topics to be indicated in the Schedule of Courses.

**Note:** May be taken with different subtitles to a maximum of 12 hours.

**Note:** Satisfaction of curricular requirement determined by individual course content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 343. African-American Art to 1920 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ARTH 250, or ARTH 270, or ARTH 290; or faculty consent.

**Description:** Relationship between African and African-American art from the slave era through the Harlem Renaissance in its aesthetic, social, cultural, and political contexts.

**Note:** Cross-listed with PAS 310.

**Note:** May be used to satisfy the Period/Area 2 - after 1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 344. African-American Art 1920 to Present 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 250, or ARTH 270, or ARTH 290; or faculty consent.

**Description:** Relationship between art of the Harlem Renaissance, Black Art of the 1960's and contemporary art in its aesthetic, social, cultural and political contexts.

**Note:** Cross-listed with PAS 311.

**Note:** May be used to satisfy the Period/Area 2 - after 1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 345. History of Drawing and Prints 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.

**Description:** Survey of history of graphic arts, emphasizing ways of interpreting drawings and prints.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 347. Historic Interiors 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.

**Description:** The study of building interiors in relation to design, culture, history, furniture and decorative elements.

**Note:** This course is a requirement for completion of the BFA in Interior Design.

**Note:** May be used to satisfy an ARTH elective for the BA in Art History.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 349. Contemporary Trends in African-American Art - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 270 or faculty consent.

**Description:** A survey of contemporary African-American art since the 1960s into current trends today. Students will examine contemporary paintings, sculpture, fabric art, folk art, public art, and installation art. Emphasis will be on the social, cultural, spiritual and religious influences expressed in contemporary art.

**Note:** Cross-listed with PAS 308.

**Note:** Approved for the Arts and Sciences upper-level requirement in Written Communication-WR.

**Note:** Credit may not be earned for this course and ARTH 549.

**Note:** May be used to satisfy the Period/Area 3 - Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 351. Greek Art and Architecture 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 250 or faculty consent.

**Description:** Survey of art and architecture of Ancient Greece from the Bronze Age through the Hellenistic period.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 353. Roman Art and Architecture 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 250 or faculty consent.

**Description:** A survey of the art and architecture of Italy and the Roman world from the time of the Etruscans through late antiquity.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 362. Early Medieval Art and Architecture - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 250 or faculty consent.

**Description:** A survey of the art of western Europe from the end of the Roman Empire through the Carolingian Renaissance (4th-10th c.).

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 363. Late Medieval Art and Architecture - WR 3 Units**

**Prerequisite(s):** ARTH 250 or faculty consent.

**Description:** A survey of Romanesque and Gothic art and architecture.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ARTH 364. Byzantine Art & Architecture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 250 or faculty consent.  
**Description:** An introduction to the world of the Byzantine Empire (6th-15th c.) through an examination of the art and architecture which attest to the creativity and vibrancy of this period.  
**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 365. Mexican Art and Architecture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** A survey of Mexican art from the Conquest (1521) to present.  
**Note:** May be used to satisfy the Period/Area 3 - Non-Western requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 367. Islamic Art and Architecture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 250 or faculty consent.  
**Description:** An introduction to the medieval Islamic world (7th-16th c.) through an examination of the art and architecture which attest to the creative vibrancy of this period.  
**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 371. Italian Renaissance Art I** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.  
**Description:** Art and architecture of the Italian Renaissance during the fourteenth and fifteenth centuries.  
**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 372. Italian Renaissance Art II** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.  
**Description:** Art and architecture of the Italian Renaissance during the sixteenth century.  
**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 373. Northern Renaissance Art** 3 Units  
**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.  
**Description:** Art and architecture of Northern Europe in the fifteenth and sixteenth centuries.  
**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 381. Baroque Art** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** Italian, Spanish, Flemish, Dutch, and French painting and sculpture of the seventeenth century.  
**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 391. Nineteenth-Century Art** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** Principal trends in Western painting and sculpture of the nineteenth century.  
**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 393. Nineteenth-Century Architecture** 3 Units  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** Major movements and figures in American and European architecture from 1750 to World War I.  
**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 394. Twentieth-Century Architecture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** Architecture of the United States and Europe from World War I to the present; primary emphasis on major figures and developments before 1975.  
**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 395. American Art I** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** A survey of painting, sculpture, architecture in the American colonies and the United States from the seventeenth through the nineteenth century.  
**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 396. American Art II** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ARTH 270 or faculty consent.  
**Description:** A survey of the visual arts in the United States since 1900.  
**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 397. History of Photography 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.

**Description:** The aesthetic development of photography, with emphasis on U.S. photographers and contemporary issues relevant to the medium.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 398. History of Landscape Architecture 3 Units**

**Prerequisite(s):** ARTH 250, or ARTH 270, or faculty consent.

**Description:** The garden as form and symbol; a general survey of the history of gardens from ancient to the present time, with major emphasis on Italian, French, and English gardens.

**Note:** Credit may not be received for both ARTH 398 and ARTH 598.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 440. Cooperative Internship in Art History 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** See the College's requirements for cooperative internships in the undergraduate catalog.

**Description:** An individually arranged course combining a work experience with a related academic or creative project. This work/learning arrangement must be overseen by an Art History faculty member and by a designated employee of an organization.

**Note:** Registering for ARTH 440 is contingent upon the student identifying an Art History faculty member who will sponsor and oversee their work.

**Note:** May not be used to fulfill minimum requirements for the major in Art or Art History.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 501. Advanced History and Issues of Graphic Design 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** BFA Graphic Design Candidacy or faculty consent.

**Description:** The themes, styles, expressions, technologies and artists that contributed to contemporary graphic design, with special consideration on the period from 1800 to the present.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 521. Studies in Modern Art 3 Units**

**Prerequisite(s):** One 300-level course in Modern Art or consent of instructor.

**Description:** Reconstruction and interpretations of modern artistic aspirations through study of sources and documents by artists, critics and historians.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 523. History of Performance Art 3 Units**

**Prerequisite(s):** ARTH 270 and ARTH 325; or permission of instructor; or graduate standing.

**Description:** History of Performance Art is designed as an advanced upper-level seminar that investigates the international, historical developments in Performance Art after World War II. It considers the experimental strategies and ideological aims of visual artists who used their bodies as the primary vehicle of expression, information, communication, and social change. Performance Art has had the dubious distinction of being the most censored art medium, and since the 1960s artists have been continually arrested and fined for their work. This is a highly significant social fact, one that draws attention to Performance Art's particularly disruptive aesthetic codes and materials-emphasizing presentation over representation; intersubjective, human bodies over inanimate objects; and temporarily over spatiality.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 524. Installation Art 3 Units**

**Prerequisite(s):** ARTH 270 and ARTH 325; or permission of instructor; or graduate standing.

**Description:** An advanced exploratory seminar that investigates a contemporary art form as well as a thorny art-historical problem: the term "installation" now functions both as a loose descriptor for a myriad of contemporary artworks (having supplanted terms such as Assemblage and Environment) independent of medium and context, as well as a general and comprehensive art-historical genre, a circumstance that has its own compelling historical development. The course is designed so that students can grapple with a central issue for contemporary art-the definition of a burgeoning critical term for art history.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 525. Representations of Trauma in the Visual Arts 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 270 and ARTH 325; or permission of instructor.

**Description:** This seminar examines the changing relationships between trauma and its representation in the twentieth century. Beginning with the Holocaust, the course charts a trajectory from this most profound of collective traumas, to the refinement of clinical definitions of trauma (e.g., PTSD) in the wake of the Vietnam War, to the development of trauma studies in the humanities in the 1990s, to the recent "pictorial turn" within scholarship on trauma. This historical framework will be brought to bear upon the dynamics of how trauma and visuality have been approached by scientists, scholars, and artists.

**Note:** Cross-listed with WGST 525.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ARTH 526. Studies in Contemporary Art** 3 Units  
**Prerequisite(s):** ARTH 320, or ARTH 321, or ARTH 325 or ARTH 326, or permission of the instructor.  
**Description:** An advanced-level seminar on special topics in contemporary art.  
**Note:** May be used to satisfy the Period 2/Area - after-1750 requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 531. Studies in Asian Art** 3 Units  
**Prerequisite(s):** One 300-level course in Asian Art, or consent of instructor.  
**Description:** Selected topics that examine the development of art and architecture in the context of the social and cultural history of China and Japan.  
**Note:** Cross-listed with AST 531.  
**Note:** May be used to satisfy the Period/Area 3 - Non-Western requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 541. Theories & Methods of Art History** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the instructor.  
**Description:** An introduction to various art historical and interdisciplinary theoretical perspectives and methodological approaches that have shaped the understanding, interpretation, and production of visual art and culture in the nineteenth century to the present. The course will explore these theories and methods as specific fields of inquiry (discourses as such) through the study of primary texts, secondary or applied texts, artists' writings and artworks.  
**Note:** May be used to satisfy an ARTH elective for the BA in Art History.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 542. Special Topics** 3 Units  
**Prerequisite(s):** Permission of the instructor.  
**Description:** An examination of one or more specific areas of Art History not covered in the regular course offerings. Content to be indicated in schedule of courses.  
**Note:** May be taken with four different subtitles to a maximum of 12 hours.  
**Note:** Satisfaction of curricular requirement determined by individual course content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 543. Independent Study** 1-3 Units  
**Prerequisite(s):** Minimum grade point average of 3.0 overall, and minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department, or consent of instructor.  
**Description:** Topic and content to be determined in consultation with instructor.  
**Note:** Satisfaction of curricular requirement determined by individual course content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 544. Pan-African Art: Form and Content** 3 Units  
**Prerequisite(s):** Permission of the instructor.  
**Description:** Similarities and differences in African-American folk art, Caribbean folk art, and traditional African art.  
**Note:** Cross-listed with PAS 581.  
**Note:** May be used to satisfy the Period/Area 3 - Non-Western requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 547. Introduction to Critical and Curatorial Studies I** 3 Units  
**Prerequisite(s):** Consent of instructor.  
**Description:** An introduction to curatorial practice of the last 30 years. Focusing on the curator's increasingly prominent role in the reception and synthesis of contemporary art, the course explores developments in exhibition design in terms of art production, international exchange, globalization, and critical theory.  
**Note:** Cross-listed with CCS 547.  
**Note:** A student may only receive credit for only one of the courses: ARTH 547, CCS 547, ARTH 647, CCS 647.  
**Note:** Formerly Museum Methods I.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ARTH 548. Critical and Curatorial Studies II** 3 Units  
**Prerequisite(s):** ARTH 547, or CCS 547, or ARTH 647, or CCS 647, or consent of instructor.  
**Description:** This seminar is structured as a curatorial practicum. Students work with the professor to develop and produce an exhibition from the university's print collection. Throughout the semester, weekly readings and presentations focus on contemporary exhibition practice as well as on the theoretical and critical concerns undergirding the student's developing exhibition.  
**Note:** Cross-listed with CCS 548.  
**Note:** A student may receive credit for only one of the following courses: ARTH 548, ARTH 648, CCS 548 and CCS 648.  
**Note:** Formerly taught as Museum Methods II.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 549. Contemporary Trends in African-American Art 3 Units**

**Prerequisite(s):** One 300-level art history course or faculty consent.

**Description:** Survey of contemporary African American art since the 1960s into current trends today. Examination of contemporary paintings, sculpture, fabric art, folk art, public art, and installation art.

**Note:** Cross-listed with PAS 509.

**Note:** Undergraduate credit may not be earned for this course and ARTH 349 and ARTH 329.

**Note:** May be used to satisfy the Period 3/Area - Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 550. Art History Undergraduate Capstone Seminar - CUE 3 Units**  
**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Senior standing and BA candidacy; or faculty consent.

**Description:** The Art History Program's undergraduate capstone seminar evaluates the ability of our majors to conduct original art historical research, frame their investigations in the form of a scholarly abstract, and present their ideas in a "conference paper" following the conventions appropriate to the discipline.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 551. Studies in Ancient Art 3 Units**

**Prerequisite(s):** ARTH 351, or ARTH 353, or consent of instructor.

**Description:** Selected topics in ancient art and architecture.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 552. Ancient Painting 3 Units**

**Prerequisite(s):** ARTH 351, or ARTH 353, or consent of instructor.

**Description:** A study of mural painting from the ancient cultures of Egypt, the Aegean, Greece and Italy.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 553. Ancient Cities 3 Units**

**Prerequisite(s):** ARTH 351, or ARTH 353, or consent of instructor.

**Description:** A study of the development of the city in the Mediterranean region from prehistoric times to the late Roman Empire.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 561. Studies in Medieval Art 3 Units**

**Prerequisite(s):** One 300-level course in Medieval art or architecture, or consent of instructor.

**Description:** Studies in the art and architecture of the Middle Ages emphasizing a synthesis of the arts in a particular period or place.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 571. Studies in Renaissance Art 3 Units**

**Prerequisite(s):** One 300-level course in Renaissance art, or consent of instructor.

**Description:** Study of a major phase of painting or sculpture, fifteenth or sixteenth century, in Italy or Northern Europe, with emphasis on sources and development of style.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 574. History of Drawing and Prints 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** One 300-level course in Art History, or faculty consent.

**Description:** Origin and development of woodcut, engraving, etching, aquatint, lithography, and serigraphy; major artists using these techniques.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 581. Studies in Baroque Art 3 Units**

**Prerequisite(s):** ARTH 381 or consent of instructor.

**Description:** Study of one of the leading artists of the seventeenth and eighteenth centuries, such as Bernini, Borromini, Tiepolo, Velazquez, Rembrandt, Rubens, or Watteau.

**Note:** May be used to satisfy the Period/Area 1 - Pre-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 593. Studies in Modern Architecture 3 Units**

**Prerequisite(s):** One 300-level course in Modern architecture, or consent of instructor.

**Description:** Principal forms and theories of urban and building design in relation to social forces in modern Europe and America.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 595. Studies in American Art 3 Units**

**Prerequisite(s):** One 300-level course in American art or architecture, or consent of instructor.

**Description:** Studies in American architecture, city planning, decorative arts, painting, or sculpture, from colonial times to present.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ARTH 597. Studies in Photographic History 3 Units**

**Prerequisite(s):** Consent of instructor.

**Description:** The aesthetic development of photography, with emphasis on U.S. photographers and contemporary issues relevant to the medium.

**Note:** May be used to satisfy the Period/Area 2 - after-1750 requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Asian Studies (AST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**AST 270. Chinese Contributions to the World - D2, AH 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An introduction to Chinese historical scientific contributions to the world, the reciprocal influences between Chinese and non-Chinese cultures, and Chinese ethnicity and identities within the global context.

**Note:** Cross-listed with CHST 270 and M L 270.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 290. Survey of Asian Art - AH, D2 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A survey of the major artistic traditions of Asia, primarily China, India, Japan, Korea, and Southeast Asia from Neolithic times to the turn of the century.

**Note:** Cross-listed with ARTH 290.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 308. Understanding China: People, Environment and Development 3 Units**

**Term Typically Offered:** Spring Odd Years

**Description:** The diversity of China's environment and people is integral to understanding the ways in which economic and sociocultural changes have taken place. This course is designed to help students gain a better understanding of China under globalization. The course explores modern China around two leading themes: (1) China's spatial organization, including its growing links to the global system, and (2) the human occupancy and use of the many types of environments. It will examine how transformations of China's land people, economy, and society are reshaping its internal divisions and repositioning China in a rapidly changing world.

**Note:** Cross-listed with GEOG 308.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 310. Introduction to Asian Studies - SB, D2 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Permission of instructor.

**Description:** An interdisciplinary overview of the geography, history, politics, societies, and cultures of China, India, and Japan.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 314. Introduction to Japanese Society - D2, SB 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course introduces students to contemporary Japanese society through the lens of cultural anthropology. It examines a broad range of topics including demography, kinship and family, education, gender, minority and ethnicity, popular culture, and environmental issues.

**Note:** Cross-listed with ANTH 314.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 316. Geography of South Asia 3 Units**

**Description:** An analysis of the Indian subcontinent; emphasis on the physical and cultural setting, political disturbances, population problems, and economic development.

**Note:** Cross-listed with GEOG 316.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 317. Anthropology of China - D2, SB 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** It is widely acknowledged that China is a rising power in the global political economy. However, with the coexistence of tradition and modernity, the nature of Chinese culture and society remains heavily debated. This course introduces students to a wide range of topics and issues that constitute the socio-cultural fabric of contemporary mainland Chinese society. These topics include, but are not limited to, family, gender, ethnicity, religion, education, politics, and economics. Our investigation will focus on two broad themes: 1) the unity and diversity of Chinese society, and 2) the continuity and change that took place from late traditional China to the present. The goal of this course includes learning various aspects of Chinese culture and society, examining diverse anthropological approaches to the study of China, and exploring the political dimensions of representation.

**Note:** Cross-listed with ANTH 317.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 323. Doing Business in China 3 Units**

**Description:** Discussion of business traditions, practices, etiquette, and norms in China.

**Note:** Cross-listed with CHST 323.

**Note:** Conducted in English.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 330. Twentieth Century Chinese Artists and Architecture - AH, D2 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ARTH 250, ARTH 270, or ARTH 290, or faculty consent.

**Description:** This course studies twentieth-century Chinese art and architecture through major artists and architects whose work showcases the rethinking of Chinese culture in the modern era and global context.

**Note:** May be used to satisfy the Period/Area 3 requirement.

**Note:** Cross-listed with ARTH 335.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 331. Chinese Art 3 Units**

**Prerequisite(s):** ARTH 250, ARTH 270, or ARTH 290, or consent of instructor.

**Description:** An introduction to important Chinese artistic works and stylistic changes through history and their relationships with Chinese society, culture and visual traditions.

**Note:** Cross-listed with ARTH 331.

**Note:** May be used to satisfy the Period 3 - Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 333. Contemporary China 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Discussion of China today, including popular culture, technology, mass media, folk theater, urban consumer culture, and state policy.

**Note:** Cross-listed with CHST 333.

**Note:** Conducted in English.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 335. China Through Film - D2, AH 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Examination of 20th-century China through the critical study of selected examples of film.

**Note:** Conducted in English.

**Note:** Cross-listed with CHST 335.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 337. East Asia Landscape Art 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ARTH 250, ARTH 270, or ARTH 290, or consent of instructor.

**Description:** The course explores the traditions of Chinese and Japanese landscape art and design from the beginning phase around the first century until early 20th century.

**Note:** Cross-listed with ARTH 337.

**Note:** May be used to satisfy the Period 3 - Non-Western requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 340. South Asian Religious Thought and Culture - AH, D2 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study of Hinduism, Jainism, Buddhism, and Sikhism and their interrelationship with cultures of South Asia (India, Sri Lanka, and Pakistan).

**Note:** Cross-listed with HUM 341.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 341. Ethnicity and Religion in China 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study of the minority peoples such as Uigurs, Huis, Mongols and Tibetans, including their life styles, languages, art, and religion. Discussion of how Buddhism, Islam, Christianity and other religious beliefs spread in China, and their presence in China today.

**Note:** Cross-listed with CHST 341.

**Note:** Conducted in English.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 343. East Asian Religious Thought and Culture - D2, AH** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** Study of Confucianism, Taoism, Buddhism, and Shinto and their relationships with the cultures of China, Korea, and Japan.  
**Note:** Cross-listed with HUM 343.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 347. Global Capitalisms** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** The course adopts an interdisciplinary approach to explore how capitalism is organized, practiced, or resisted. It seeks to understand capitalism as historically situated and culturally informed practices in different world regions.  
**Note:** Cross-listed with ANTH 347.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 351. Chinese Literature in Translation I - AH, D2** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Chinese literature from the beginning to 1911, discussion of principal genres, authors, and works. Conducted in English.  
**Note:** Cross-listed with CHST 351.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 365. The People's Republic of China - D2, WR, SB** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An analysis of political processes in China, with emphasis on participation and recruitment, socialization, ideology, education and organization.  
**Note:** Cross-listed with POLS 365.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 366. Politics of East Asia - D2, SB** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** A survey of East Asian political systems with an emphasis on development, social and economic policies, political institutions and cultures.  
**Note:** Cross-listed with POLS 366.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 367. Politics and Government of Southeast Asia** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to the government and politics of Southeast Asia, revealing the historical context within which to locate the current security, political and economic challenges that the countries of the region face. Special focus will be given to the politics of Burma, Indonesia, Malaysia, the Philippines, Thailand, and Singapore as well as the impact of the ascendant China.  
**Note:** Cross-listed with POLS 367.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 390. Topics in Asian Studies-Humanities** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Selected topics in Asian studies from a humanities perspective.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 391. Topics in Asian Studies-Social Sciences** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Selected topics in Asian Studies from a social science perspective.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 396. History of India** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Introduction to the history of the Indian subcontinent since the foundation of the Indus Valley civilization. Role of political, intellectual, social and economic change in the creation of modern India, Pakistan and Bangladesh.  
**Note:** Cross-listed with HIST 396.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 397. Traditional China** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course studies the political, social and economic history of China from Shang dynasty to the intrusion of the West (1700 BC-1800 AD)  
**Note:** Cross-listed with HIST 397.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**AST 398. Modern China** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** From Confucianism to Communism in China: society, economy and politics, 1600 to the present.  
**Note:** Cross-listed with HIST 398.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- AST 399. Modern Japan** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course reviews Japanese history from the Yamato state to the collapse of the bubble economy (500-1900s). We first examine how Japanese native culture and government interplayed with imported elements from China and Korea, forming its own distinctive political structure and society in the Tokugawa era (1600-1868). We focus on Japan's modern experiences-state-led nationalism and modernization since Meiji restoration, investigating how Western influence transformed Japanese state, society, culture, and values. We explore the origin, development, and the defeat of Japanese imperialism and militarism, analyzing how race, gender, and nationalities were constructed and manipulated within Japanese empire in the wartime era (1931-45). Finally we examine postwar Japanese democracy and economic prosperity. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 491. Independent Study** 1-3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Minimum grade point average of 3.0 overall, minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 495. Senior Seminar - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Completed 90 hours, Asian studies majors only, and consent of instructor.  
**Description:** Will examine issues related to area studies methods, empirical knowledge of Asian countries, and Asian language skills.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 500. Topics in Asian Studies-Humanities** 3 Units  
**Description:** Selected topics in Asian studies from a humanities perspective.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 501. Topics in Asian Studies-Social Sciences** 3 Units  
**Description:** Selected topics in Asian studies from a social science perspective.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 517. Anthropology of China** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Graduate standing or permission of the instructor.  
**Description:** It is widely acknowledged that China is a rising power in the global political economy. However, with the coexistence of tradition and modernity, the nature of Chinese culture and society remains heavily debated. This course explores a wide range of topics and issues that constitute the socio-cultural fabric of contemporary mainland Chinese society. These topics include, but are not limited to, family, gender, ethnicity, religion, education, politics, and economics. Our investigation will focus on two broad themes: 1) the unity and diversity of Chinese society, and 2) the continuity and change that took place from late traditional China to the present. The goal of this course includes learning various aspects of Chinese culture and society, studying diverse anthropological approaches to the study of China, and examining the political dimensions of representation.  
**Note:** Cross-listed with ANTH 517.  
**Note:** Students may not receive credit for this course and ANTH 317 or AST 317.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 531. Studies in Asian Art** 3 Units  
**Prerequisite(s):** One 300-level course in Asian art, or consent of instructor.  
**Description:** Select topics that examine the development of art and architecture in the context of social and cultural history of China and Japan.  
**Note:** Cross-listed with ARTH 531.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- AST 598. Nationalism and Modernity in East Asia** 3 Units  
**Description:** The creation of modern nation-states in China, Japan, and Korea from 1840 to 1945.  
**Note:** Cross-listed with HIST 598.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Biochemistry (BIOC)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific

fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**BIOC 545. Biochemistry I** 3 Units

**Term Typically Offered:** Fall Only

**Description:** Chemistry of amino acids, protein structure and function; metabolism of carbohydrates, fats and amino acids.

**Note:** Credit may not be earned in both BIOC 545 and BIOC 645.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOC 547. Advanced Biochemistry II** 3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** BIOC 545 Biochemistry of nucleotides and nucleic acids; RNA, DNA and protein biosynthesis, biomembrane phenomena, enzyme properties, kinetics, and control mechanisms; ligand binding.

**Description:**

**Note:** Credit may not be earned in both BIOC 547 and BIOC 647.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Bioengineering (BE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**BE 101. Introduction to Bioengineering** 1 Unit

**Term Typically Offered:** Spring Only

**Description:** Survey of the field of bioengineering and introduction to art/practice of bioengineering, through a series of creative, hands-on design and reverse engineering activities. Includes problem definition/solving, decision making and team skill building.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BE 288. Bioengineering Co-op Education Seminar** 0 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CHEM 202, ENGL 101, ENGR 110, student must be in Good Standing with GPA of 2.25 or higher; BE 310, BE 360.

**Corequisite(s):** BE 310, BE 360.

**Description:** Discussion of rules and regulations governing cooperative internship experience and instruction in job interviewing techniques, resume preparation and in preparation of co-op report. Required prerequisite for the first cooperative internship.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BE 289. Bioengineering Co-op Education I** 1 Unit

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** BE 288.

**Fee:** An additional \$300.00 is charged for this course.

**Description:** First cooperative education work term in an area directly related to the field of specialization of their degree program. Required for Professional School of Engineering students.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BE 310. Biotransport Phenomena** 3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ENGR 205, ME 206, and ME 251.

**Description:** Introduction to fundamental concepts of momentum, heat, and mass transport with applications to biological and medical engineering science and design. Properties of biofluids. Conservation equations in integral and differential forms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BE 322. Circuits and Devices for Bioengineers** 3 Units

**Term Typically Offered:** Summer Only

**Prerequisite(s):** PHYS 299 and ENGR 201; BE Students only.

**Description:** Concepts covered: DC/AC circuit theory. Linear network analysis. Impedance. Resonance. Solid-state devices. Integrated circuits. Op-amps. Electrical safety. RC filters. Sensors. Batteries. Data Acquisition. Software covered: LabVIEW. T-Spice. Multisim. Ultiboard.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BE 340. Computational Methodologies in Bioengineering** 3 Units

**Term Typically Offered:** Summer Only

**Prerequisite(s):** ENGR 205.

**Description:** The main goal of the course is to introduce students to high-performance computing tools which are crucial to many bioengineering and scientific applications and equip students with basic knowledge of state-of-the-art computing tools available.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>BE 354. Anatomy and Physiology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BIOL 240.  <b>Description:</b> The purpose of this course is to cover the basic structure and function of the major systems of the human body. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BE 420. Biosystems &amp; Signals</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BE 340.  <b>Description:</b> This course covers linear systems theory, including convolution, Fourier, Laplace, and Z-transforms. The emphasis is on understanding the underlying mathematics in a practical sense. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BE 359. Cell and Molecular Biology for Bioengineers</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BIOL 240.  <b>Description:</b> This course examines the fundamental principles of cell and molecular biology in humans. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BE 423. Bioengineering Measurements Laboratory</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BE 322.  <b>Description:</b> Laboratory to illustrate basic principles taught in Circuits and Devices for Bioengineers. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BE 360. Biomechanics Principles</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ENGR 205 and CEE 205.  <b>Description:</b> Introduction to the mechanical behavior of biological tissues and systems. Methods for the analysis of rigid body and deformational mechanics applied to biological tissues including bone, muscle, and connective tissues. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BE 430. Biosystems Controls</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> BE 322, BE 420.  <b>Description:</b> Classical approach to analyze and design linear and nonlinear control systems, with emphasis on nonlinearity of physiological control systems, e.g., neuromusculoskeletal, cardiovascular, thermal and mass transfer systems of the body. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BE 389. Bioengineering Co-op Education II</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> BE 289.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Second cooperative education work term in an area directly related to the field of specialization of their degree program. Required for Professional School of Engineering students.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BE 450. Biomaterials &amp; Biocompatibility</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> CHEM 341, ME 251 and BE 360.  <b>Description:</b> Introduces biomaterials and the clinical relevance of biomaterial performance. The course will cover polymer synthesis, characterization, mechanical testing, surface modification and biocompatibility issues, e.g. protein adsorption, immune response, and sterilization. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BE 405. Practicum in Bioengineering Education</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BE 310 and BE 360 and consent of instructor.  <b>Description:</b> A guided learning experience in inquiry-based instructional techniques and best practices in STEM education that includes field experience as an undergraduate teaching assistant. Permission to enroll required. May be repeated for a maximum of 3 credit hours. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BE 453. Introduction to Molecular Bioengineering</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> CHEM 341 and BE 359.  <b>Description:</b> Demonstrate how molecules are used as building blocks to engineer surfaces and materials with specific attributes/function. Introduces biomimetic design principles for biomedical materials and devices to control performance/function of materials. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
	<p><b>BE 460. Biomechanics of Tissues and Organs</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> BE 360 and BE 354.  <b>Description:</b> Provide students with introductory materials for various interdisciplinary fields in biomechanics. The topics include orthopaedic biomechanics, musculoskeletal biomechanics and cardiovascular biomechanics. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<b>BE 480. Biomedical Device Design</b>	<b>3 Units</b>	<b>BE 522. Biomedical Acoustics</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Spring Only		<b>Term Typically Offered:</b> Spring Only	
<b>Prerequisite(s):</b> BE 423 (or concurrent) and BE 450 (or concurrent).		<b>Prerequisite(s):</b> BE 420.	
<b>Description:</b> Medical device design for surgery, patient care and patient monitoring. Emphasizes design criteria and process, human factors, patient care, bench-top testing, safety, FDA regulation, market readiness and legal liability.		<b>Description:</b> An introduction to the fundamental principles of physical acoustics with an emphasis on biomedical applications. Major concepts covered include acoustic wave physics, transducers, and ultrasound imaging.	
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>BE 489. Bioengineering Co-op Education III</b>	<b>1 Unit</b>	<b>BE 524. LabVIEW for Bioengineers</b>	<b>3 Units</b>
<b>Grading Basis:</b> Pass/Fail		<b>Term Typically Offered:</b> Fall Only	
<b>Term Typically Offered:</b> Fall, Spring, Summer		<b>Prerequisite(s):</b> BE 340 or equivalent.	
<b>Prerequisite(s):</b> BE 389.		<b>Description:</b> This course will introduce students to an intermediate level of LabVIEW (Laboratory Virtual Instrument Engineering Workbench) available from National Instruments (Austin, TX). LabVIEW is the worldwide industry standard graphical programming environment for developing data acquisition, instrument control, and industrial automation software. Students will explore core programming fundamentals common to all programming languages by using LabVIEW software to develop independent programs and data acquisition solutions using a combination of LabVIEW, data acquisition hardware, and standard test instrumentation hardware.	
<b>Fee:</b> An additional \$300.00 is charged for this course.		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Description:</b> Third cooperative education work term in an area directly related to the field of specialization of their degree program. Required for Professional School of Engineering students.			
<b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.			
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )			
<b>BE 491. Economics, Ethics &amp; FDA Regulations</b>	<b>3 Units</b>	<b>BE 530. Machine Learning in Python</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Fall Only		<b>Term Typically Offered:</b> Fall, Spring	
<b>Prerequisite(s):</b> BE 423 and BE 450; Senior standing in Bio-engineering.		<b>Prerequisite(s):</b> BE 420.	
<b>Corequisite(s):</b> BE 497.		<b>Description:</b> This course covers programming concepts in Python, machine learning concepts, and application of machine learning into biomedical and other problems using Python. Students will learn about the most applicable Python libraries that deal with different machine learning tools. Students are expected to work on a team project and write technical reports.	
<b>Description:</b> Applies methods of engineering economic analysis, ethics, and FDA regulation processes. Methods to identify, articulate and resolve ethical dilemmas intrinsic to bioengineering. Practical "hands-on" experiences in the application of economic concepts and FDA regulations.		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )			
<b>BE 497. Bioengineering Design Project - CUE</b>	<b>3 Units</b>	<b>BE 540. Machine Learning in Medicine</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Fall Only		<b>Term Typically Offered:</b> Spring Only	
<b>Prerequisite(s):</b> BE 354 and Senior standing in bio-engineering.		<b>Prerequisite(s):</b> BE 420.	
<b>Corequisite(s):</b> BE 491.		<b>Description:</b> Topics: 1) fundamentals of medical data, 2) application of machine learning models & algorithms to medicine, 3) learning from data & classification of disorders, and 4) overview of health data, collection with sensors, body area networks, brain image data and other publicly available medical applications data. Students will learn about machine learning applications to real world medical data through examples and reading papers. Students are expected to work on a team project and write technical reports.	
<b>Description:</b> Team-oriented design of a biomedical/biological mechanism, system or process satisfying a set of open-ended requirements. Written reports and oral presentations are required.		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.			
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )			
<b>BE 500. Special Topics in Bioengineering</b>	<b>3 Units</b>		
<b>Term Typically Offered:</b> Fall, Spring, Summer			
<b>Description:</b> This course will be devoted to topics that usually are not treated in detail in the general curriculum.			
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )			

- BE 542. Medical Image Computing** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** BE 340 and BE 420.  
**Description:** Fundamentals of 2-D and 3-D image computing, application of image computing algorithms to medical images, enhancement and restoration of 2-D and 3-D medical data, and fundamentals of machine vision and medical data visualization. Students will learn image restoration, computer vision and visualization techniques with applications to medical data through examples and reading papers. Students are expected to work on a team project and write technical reports.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BE 543. Computer Tools for Medical Image Analysis** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** BE 420.  
**Description:** This course covers: 1) Essential computer software that can be used for handling all types of medical data, 2) advanced computer software that is used for medical image analysis, such as segmentation, registration, motion correction, etc., and 3) development of comprehensive computer-aided diagnosis systems based on these ready-to-go software packages.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BE 551. Gene and Drug Delivery** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** BE 354 and BE 450, or graduate standing.  
**Description:** This course covers advanced topics of gene and drug delivery, including the physiological barriers and challenges to delivery, biomaterials used in delivery, considerations for specificity of drug/gene targeting, nanoscale delivery vehicles, the delivery of biologics and vaccines, and intracellular delivery. In addition, this course integrates literature and discussion regarding specific platform design and delivery considerations against cancer, viral, and bacterial applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BE 552. Introduction to Tissue Engineering** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHEM 341, BE 354, BE 359, and BE 450.  
**Description:** Design, development and clinical application of tissue engineered components, including blood vessels, bone, cartilage, pancreas, liver and skin, for use in the human body.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BE 553. Nanoscale Bioengineering: Application and Methodology of Nanobiomaterials in Bioengineering** 3 Units  
**Prerequisite(s):** BE 450 or BE 453 or permission of department chair.  
**Description:** An introduction to the fundamental principles of nanoengineering with a focus on 1) synthetic methodologies of tailored nanobiomaterials (physical, chemical and electrochemical); 2) nanobiomaterial characterization using advanced analytical, microscopic and spectroscopic techniques; and 3) therapeutic and diagnostic applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BE 581. Advanced Computer-Aided Design and Manufacturing for Bioengineers** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** BE 340 or by permission of Department Chair.  
**Description:** An introduction to the engineering design and manufacturing processes for bioengineering applications with an emphasis on the use of modern computer-based analysis, design and presentation tools as well as manufacturing techniques such as casting, machining, forming and assembly for polymer and metal-based materials.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BE 593. Independent Study in Bioengineering** 1-4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Faculty consent.  
**Description:** A theoretical or experimental investigation of a problem area related to Bioengineering.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Biology (BIOL)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### BIOL 102. Biology: Current Issues and Applications - S 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Selected topics from the biological sciences that focus on high-profile issues in biological sciences and their socio-scientific applications.

**Note:** May fulfill general education natural science requirement but does not count toward biology major or minor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 104. Laboratory for Biology: Current Issues and Applications - SL** **1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Completion of or concurrent enrollment in BIOL 102.

**Fee:** An additional \$15.00 is charged for this course.

**Description:** Hands-on laboratory experience for students not majoring in the sciences. Labs are designed to develop skills in scientific methodology, observation and critical thinking.

**Note:** Does not count toward biology major or minor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 203. Scientific Information Literacy and Communication - OC** **3 Units**

**Term Typically Offered:** Spring Only

**Description:** To improve oral communication skills that transfer across disciplines; to fulfill a general education oral communication requirement with a course that has science-intensive content; to improve student skills in critically assessing scientific claims; and to introduce students early in their programs to work of potential research mentors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 240. Unity of Life - S** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ACT score of 24 or better on the sciences section; SAT math score of 540 or higher; completion with a passing grade or enrollment in BIOL 102 (or department approved equivalent) in prior semester; Biology placement test score of 10 or better; Accuplacer QRAS score of 250 or higher; or completion with a passing grade or enrollment in BIOL 242 in prior semester.

**Description:** Basic biological principles; macromolecules, biology of cells, metabolism, genetics, and evolution.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 241. Experimental Biology I: Molecules and Cells - SL** **1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Successful completion of or concurrent enrollment in BIOL 240.

**Fee:** An additional \$40.00 is charged for this course.

**Description:** This is a laboratory course that complements BIOL 240 Unity of Life. In this class, you will learn the basic principles of scientific inquiry and practice techniques biologists use to study cells and molecules. This will include learning about experimental design, hypothesis testing, and statistics, as well as using microscopes, chromatography, and genomic tools.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 242. Diversity of Life - S** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ACT score of 24 or better on the sciences section; SAT math score of 540 or higher; completion with a passing grade or enrollment in BIOL 102 (or department approved equivalent) in prior semester; Biology placement test score of 10 or better; or completion with a passing grade or enrollment in BIOL 240 in prior semester.

**Description:** Taxonomy and classification, form and function of monerans, fungi, protists, plants and animals; survey of ecology. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 243. Experimental Biology II: Organismal Biology - SL** **1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** BIOL 241, concurrent enrollment in, or previous completion of, BIOL 242.

**Fee:** An additional \$40.00 is charged for this course.

**Description:** A comprehensive laboratory in biology involving experiments covering phylogeny, diversity, systems, and ecology. An emphasis is placed on critical analysis of scientific data through application of the scientific method and experimental design. This is a laboratory course that complements the BIOL 242 Diversity of Life lecture course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 257. Introduction to Microbiology - S** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** BIOL 102 or BIOL 240, or equivalents; and CHEM 105 or CHEM 201 (CHEM 101 accepted for Dental Hygiene students only).

**Description:** Survey of microorganisms including structure-function relationships, growth and its control, metabolism and genetics. Diversity will be discussed with emphasis on infectious diseases, epidemiology, and basic immunology.

**Note:** Does not count towards biology major or minor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 258. Introduction to Microbiology Laboratory - SL** **1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Completion of or concurrent enrollment in BIOL 257.

**Fee:** An additional \$25.00 is charged for this course.

**Description:** The introductory microbiology laboratory teaches students basic microbiological techniques that are necessary to study and safely handle microorganisms and their viruses. Because this course relies on participation, attendance will be included in the evaluation.

**Note:** Does not count toward biology major or minor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>BIOL 260. Human Anatomy &amp; Physiology I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> BIOL 102 or BIOL 240 or equivalent with a grade of C or better and completion of CHEM 101 or CHEM 105 with a grade of C or better; restricted to students in the Nursing and Dental Hygiene programs.  <b>Description:</b> A general introduction to structure and function of the human body. Basic concepts related to anatomical terminology, cells, tissues, and integumentary, the skeletal, muscular, nervous, and endocrine systems are covered. Interrelationships of organ systems are also emphasized.  <b>Note:</b> This course is intended for students majoring in nursing or dental hygiene.  <b>Note:</b> Does not count toward a biology major or minor.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 300. Plant Biology - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> BIOL 240 and BIOL 242.  <b>Description:</b> This course examines the biology of plants and other organisms with cell walls (including bacteria, fungi, protists, and algae). These distantly related organisms include primary producers that energize the biosphere, decomposers that recycle nutrients and economic species that provide most of humanity's food, fiber and medicine. As part of the course content, students compose an original manuscript based on in-class experiments. This manuscript includes a literature review. Students submit this manuscript as a draft, receive comments, and then revise their final version based on those comments. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 261. Human Anatomy &amp; Physiology II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> BIOL 260 with a grade of C or better; restricted to students in the Nursing and Dental Hygiene programs.  <b>Description:</b> A general introduction to structure and function of the human body. Basic concepts related to anatomical terminology, cells, tissues, and integumentary, the skeletal, muscular, nervous, and endocrine systems are covered. Interrelationships of organ systems are also emphasized.  <b>Note:</b> Does not count toward biology major or minor.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 304. Plant Taxonomy &amp; Ecology - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> BIOL 240, BIOL 242 and BIOL 244.  <b>Description:</b> Introduction to the principles and methods of identifying, naming, and classifying plants. Focus on ecologically significant plants of North America and Kentucky, and discussion of the importance of specific species in maintaining ecosystem structure and function.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 262. Human Anatomy &amp; Physiology Lab</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Completion of BIOL 260 with a grade of C or better and concurrent enrollment in BIOL 261.  <b>Fee:</b> An additional \$25.00 is charged for this course.  <b>Description:</b> A study and correlation between the anatomy and physiology of selected organ systems.  <b>Note:</b> Does not count towards biology major or minor.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 308. Vertebrate Zoology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> BIOL 240, BIOL 242, and BIOL 244.  <b>Description:</b> Explores the anatomy, ecology, and behavior of vertebrates from an evolutionary perspective. Laboratory work centers on anatomy and includes species identification, data collection, analysis, and presentation activities.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 263. Environmental Biology - B</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Fee:</b> An additional \$15.00 is charged for this course.  <b>Description:</b> A study of the biological principles of environmental effects on living organisms; emphasis on ecological relationships of humans, including resource exploitation, pollution, environmental degradation, and human behavior. Includes laboratory and field components.  <b>Note:</b> Does not count toward biology major or minor.  <b>Note:</b> Students who have already received credit for BIOL 363 may not receive credit for this course.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 310. Animal Behavior</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> BIOL 240, BIOL 242 and BIOL 244.  <b>Description:</b> Survey of the field of animal behavior. Topics include communication, learning, mate choice, fighting and aggression, and mating systems.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 263. Environmental Biology - B</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Fee:</b> An additional \$15.00 is charged for this course.  <b>Description:</b> A study of the biological principles of environmental effects on living organisms; emphasis on ecological relationships of humans, including resource exploitation, pollution, environmental degradation, and human behavior. Includes laboratory and field components.  <b>Note:</b> Does not count toward biology major or minor.  <b>Note:</b> Students who have already received credit for BIOL 363 may not receive credit for this course.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 329. Cellular and Molecular Biology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> BIOL 240, BIOL 242, and CHEM 201.  <b>Description:</b> Processes at the molecular and cellular levels integrated with the science of biology and biodiversity.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>BIOL 330. Genetics and Molecular Biology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> BIOL 329.  <b>Description:</b> Genetics presented from a Mendelian to a molecular point of view.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 372. Evolutionary Ecology of Disease</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> BIOL 240, BIOL 242, or consent of instructor.  <b>Description:</b> An overview of genetic, parasitic, and environmental causes of disease; topics include evolution of virulence and antibiotic resistance, emerging diseases, and options for controlling disease.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 331. Genetics and Molecular Biology: Laboratory</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> BIOL 330 (or concurrent).  <b>Fee:</b> An additional \$25.00 is charged for this course.  <b>Description:</b> The laboratory portion of BIOL 330 with exercises in genetics, cellular, and molecular biology.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 382. Entomology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Odd Years  <b>Prerequisite(s):</b> BIOL 363.  <b>Fee:</b> An additional \$25.00 is charged for this course.  <b>Description:</b> Examination of the morphology, physiology, behavior, evolution and ecology of the major groups of insects. A collection of common insect families is required. The laboratory will include observations on live and preserved animals and possible field trips. Students will learn to: 1) use terms and concepts that describe the diversity of insects, 2) compare and contrast major insect groups with respect to structure and function, and 3) collect and prepare museum-quality specimens for scientific study.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 347. Comparative Vertebrate Anatomy</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BIOL 240, BIOL 242, and BIOL 244.  <b>Fee:</b> An additional \$40.00 is charged for this course.  <b>Description:</b> Phylogeny and comparative morphology of classes of vertebrates; structure and organ systems of lamprey, shark, and cat.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 388. Biology Honors Seminar</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Permission of instructor and completion of BIOL 240 and BIOL 242 with a minimum grade of B.  <b>Description:</b> A 1-credit seminar course to introduce sophomores to undergraduate research opportunities at UofL with the purpose of finding a laboratory in which to do an honors thesis project by junior year.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 350. Biostatistics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MATH 180 or MATH 205.  <b>Description:</b> A survey course of statistical procedures commonly used in the life sciences. It is taught at an introductory level and will focus on the application of statistical procedures to data.  <b>Note:</b> This lecture course is supplemented with a separate recitation section.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 389. Undergraduate Seminar</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Undergraduate seminar in varied aspects of biology; subject to be announced in the schedule of courses.  <b>Note:</b> No more than 2 hours of BIOL 389 may be counted toward the major in biology.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 359. Microbial Genetics and Pathogenesis - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> BIOL 330 and BIOL 357 recommended.  <b>Description:</b> A literature-based introduction to current microbial genetics and pathogenesis.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>BIOL 390. Special Topics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Biology core or faculty consent.  <b>Description:</b> Special topics in biology.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>BIOL 363. Principles of Ecology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> BIOL 240, BIOL 242, and BIOL 244.  <b>Description:</b> A majors' core course providing an overview of the basic principles and concepts of Ecology and an understanding of how those principles and concepts can aid in identifying and seeking solutions for human environmental problems.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

- BIOL 391. Special Topics in Biology - WR** 1-4 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Topics to be indicated in the Schedule of Courses.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 392. Microbes and Core Concepts in Ecology and Evolution - WR** 3 Units  
**Prerequisite(s):** BIOL 357, BIOL 363, or BIOL 409.  
**Description:** Core concepts in ecology and evolution using microbes as primary examples. Students will read primary scientific literature and write scientific reviews of the literature in order to enhance their understanding of these concepts.  
**Note:** Approved for the Arts and Sciences upper-level requirement for written communication (WR).
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 395. Basic Pharmacology** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** BIOL 260, BIOL 261, BIOL 465, or consent of instructor.  
**Description:** Students will gain knowledge of the properties and actions of pharmacological agents.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 396. Preview to Dentistry** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** BIOL 329 and BIOL 330 or equivalent, and consent of instructor.  
**Description:** This course is designed for pre-dental students and students considering dentistry as a career. The purpose of the course is to expose pre-dental students to the art, science, and practice of dentistry.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 400. Histology** 4 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** BIOL 329 or consent of instructor.  
**Fee:** An additional \$25.00 is charged for this course.  
**Description:** The microscopic anatomy and function of vertebrate tissues and organs.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 401. Advanced Ecology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BIOL 363.  
**Description:** Major concepts in evolutionary ecology. Theoretical and experimental studies of adaptation, population growth and regulation, competition, predation, diversity, life histories, and ecosystems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 402. Advanced Ecology Lab** 2 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BIOL 401 (or concurrently).  
**Fee:** An additional \$40.00 is charged for this course.  
**Description:** Field and laboratory experiments to investigate ecological principles. Discussion of research and practice of basic biostatistics and experimental design.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- BIOL 404. Undergraduate Research** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Faculty and chair consent; minimum 30 credit hours; 3.0 cumulative GPA.  
**Description:** Undergraduate Research in a select subject area with a student-selected faculty member.  
**Note:** No more than 6 hours of Undergraduate Research (BIOL 404, BIOL 405 or BIOL 406 WR) or Independent Study (BIOL 501, BIOL 502 or BIOL 504 WR) may be used to meet the minimum in Biology for the BA or BS.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 405. Undergraduate Research - CUE** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Faculty and chair consent.**Description:** Undergraduate Research in a select subject area with a student-selected faculty member.**Note:** No more than 6 hours of Undergraduate Research (BIOL 404, BIOL 405 or BIOL 406 WR) or Independent Study (BIOL 501, BIOL 502 or BIOL 504 WR) may be used to meet the minimum in Biology for the BA or BS.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**BIOL 406. Undergraduate Research (WR) - CUE, WR** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Faculty and chair consent; minimum cumulative grade point average of 3.0 and completion of biology core.**Description:** Undergraduate Research in a select subject area with a student-selected faculty member.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** No more than 6 hours of Undergraduate Research (BIOL 404, BIOL 405 or BIOL 406 WR) or Independent Study (BIOL 501, BIOL 502 or BIOL 504 WR) may be used to meet the minimum in Biology for the BA or BS.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**BIOL 409. Evolutionary Biology - CUE** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** BIOL 240, BIOL 242, and BIOL 244.**Description:** A review of basic evolutionary principles and processes including speciation, natural selection, sexual selection, extinction, heritability, genetic drift, inbreeding, outbreeding, heterochrony and Darwinian medicine.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**BIOL 410. Misuse of Biology in Film and Pop Culture** 3 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** BIOL 329, BIOL 330, and CHEM 341.**Description:** This course will examine how biology and themes in the biological sciences are portrayed in films and popular culture with a mind towards evaluating whether the science is appropriate or being misused. In the process of these analyses, we will explore such questions as: What is science and what is not? Also what is pseudo-science or bad science? For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**BIOL 415. Biology of the Cell - CUE, WR** 3 Units**Term Typically Offered:** Spring Only**Prerequisite(s):** BIOL 329 and BIOL 330.**Description:** Cellular, molecular, and biochemical aspects of cellular function.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**BIOL 416. Biotechnology Methods - WR** 4 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** BIOL 330, BIOL 331, and CHEM 344; and consent of instructor.**Fee:** An additional \$40.00 is charged for this course.**Description:** Designed for Biology and Chemistry students concentrating in Genetics/Subcellular. Provides hands-on experience with basic methods used in molecular biology, including but not limited to, agarose and polyacrylamide gel electrophoresis of nucleic acids and proteins, restriction digestion of DNA, Southern and Northern hybridization, PCR, DNA sequencing, and transformation of various cell types (including bacteria, fungi, plants, insects and vertebrates).**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 430. Undergraduate Teaching Assistant - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** BIOL 240, BIOL 242, BIOL 244, BIOL 329, BIOL 330 and BIOL 331; CHEM 341; minimum Junior standing; Biology major; 3.25 GPA in major; permission of instructor.**Description:** A guided learning experience in inquiry-based instructional techniques and best practices in STEM education that includes a field experience as an undergraduate teaching assistant. 25 GPA in major to be eligible.**Note:** Majors only, permission to enroll required, minimum cumulative 3.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 435. Chemical Ecology - WR 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** BIOL 240, BIOL 242, and CHEM 201.**Description:** This course will explore the remarkable world of chemical ecology. Where ecological outcomes between or among individuals are influenced or determined directly or indirectly by chemicals produced by individuals. A key focus will be the chemical ecology of plants. Though we will also explore chemical ecology in animals as well. Considerable ecological information is derived from chemicals produced by organisms both to other members of the same species or to a different species, and affect both natural and sexual selection. We will use an interactive discussion/seminar-style to interrogate the primary literature for current knowledge of how chemical cues influence a diverse array of ecological interactions. From the African savannas to galling insects in our own backyard. Students will have flexibility to choose their own research topics to pursue focused critical thinking and hypothesis generation. Discussions will span a range of disciplines including genetics, molecular biology, biochemistry, natural products, ecology, and evolution. As such, this course is intended for students who have some prior knowledge of ecology and/or biochemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 440. Global Change Ecology - CUE 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** BIOL 363, GEOS 363, or GEOS 365; or permission of instructor.**Description:** Human causes of global-scale changes in climate, air and water resources, and biodiversity, and impacts on people; approaches to addressing these problems that promote sustainable societies.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 443. Developmental Biology - CUE 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** BIOL 329 and BIOL 330.**Description:** Developmental biology approached from a biochemical, cellular, and anatomical perspective with emphasis on vertebrate systems.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 457. Microbiology 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** BIOL 329 and BIOL 330.**Description:** A comprehensive introduction to the wide world of bacteria, viruses, and archaea and how they evolved to be so different from plants and animals. This course will delve into the basic architecture of microbial cells and their processes and discuss how microbes impact human health and disease.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 458. Microbiology Laboratory 1 Unit****Term Typically Offered:** Fall, Spring**Prerequisite(s):** BIOL 329 and BIOL 330.**Fee:** An additional \$25.00 is charged for this course.**Description:** This lab will teach students how to work with bacteria, including human pathogens. Students will learn how to classify and identify bacteria using lab techniques and will learn about the diversity of microbes in their environment, including those found in food, on common surfaces, and natural environments. Students will also explore the

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 465. Principles of Physiology 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** BIOL 329 or consent of instructor.**Description:** A general study of the functions of organ systems in vertebrates.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 480. Introduction to Immunology - WR 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** BIOL 240, BIOL 242, BIOL 329 and BIOL 330; CHEM 201 and CHEM 202 or their equivalent.**Description:** Lectures will present the basic principles of immunology, with an emphasis on reading and understanding primary literature. Topics include cells and organs of the immune system, the innate and adaptive response, effector molecules, and diseases of the immune system.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 485. Microbial Physiology - CUE, WR****3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** BIOL 357 or BIOL 540; or permission of the instructor.**Description:** An explanation of microbial cell biology and the processes, reactions, and energetics that support microbial life in a variety of circumstances. Includes discussions of how to modify those metabolic properties to meet new demands and conditions. A general understanding of the fundamental concepts of organic chemistry is strongly recommended.**Note:** Approved for the Arts and Sciences upper-level requirement in communications (WR).**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 490. Biology Internship - CUE****3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing, 2.5 GPA, and consent of instructor.**Description:** Practical work experience in biological fields.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 501. Independent Study****1-3 Units****Prerequisite(s):** Faculty consent, minimum cumulative GPA of 3.0, and completion of biology core.**Description:** Independent study in a selected subject area with a student-selected faculty member.**Note:** No more than 6 hours of Undergraduate Research (BIOL 404, BIOL 405 or BIOL 406 WR) or Independent Study (BIOL 501, BIOL 502 or BIOL 504 WR) may be used to meet the minimum in Biology for the BA or BS.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 502. Independent Study****1-3 Units****Prerequisite(s):** Faculty consent, minimum cumulative GPA of 3.0, and completion of biology core.**Description:** Independent study in a selected subject area with a student-selected faculty member.**Note:** No more than 6 hours of Undergraduate Research (BIOL 404, BIOL 405 or BIOL 406 WR) or Independent Study (BIOL 501, BIOL 502 or BIOL 504 WR) may be used to meet the minimum in Biology for the BA or BS.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 504. Independent Study - WR****1-3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Faculty consent, minimum cumulative GPA of 3.0, and completion of the Biology core.**Description:** Independent study in a selected subject area with a student-selected faculty member.**Note:** No more than 6 hours of Undergraduate Research (BIOL 404, BIOL 405 or BIOL 406 WR) or Independent Study (BIOL 501, BIOL 502 or BIOL 504 WR) may be used to meet the minimum in Biology for the BA or BS.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 510. Behavioral Ecology****3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** BIOL 363.**Description:** Evolution of behavioral adaptations for survival and reproduction; topics will include foraging, aggression, mate choice, mating strategies, and sociality.**Note:** Credit may not be earned for both BIOL 510 and BIOL 610.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 511. Behavioral Endocrinology - CUE, WR** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BIOL 465.  
**Description:** Interactions of hormones, brain, behavior.  
**Note:** Credit may not be earned in both BIOL 511 and BIOL 611.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Cross-listed with BIOL 611.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 512. Endocrinology** **3 Units**  
**Prerequisite(s):** BIOL 465.  
**Description:** Chemical regulation in animals.  
**Note:** Credit may not be earned in both BIOL 512 and BIOL 612.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 514. Ornithology** **3 Units**  
**Prerequisite(s):** BIOL 242 and BIOL 244, or consent of instructor.  
**Fee:** An additional \$40.00 is charged for this course.  
**Description:** Evolution, morphology, diversity, ecology, and behavior of birds. Lab stresses field identification of birds.  
**Note:** Credit may not be earned in both BIOL 514 and BIOL 614.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 515. Environmental Physiology** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BIOL 240, BIOL 242 and BIOL 244 (or equivalent); or permission of department.  
**Description:** Study of the physiological, morphological, behavioral and biochemical responses by eukaryotic organisms (primarily animals) to major physical and chemical factors of their environment.  
**Note:** Credit may not be earned in both BIOL 515 and BIOL 615.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 519. Ichthyology** **3 Units**  
**Prerequisite(s):** BIOL 363.  
**Fee:** An additional \$40.00 is charged for this course.  
**Description:** Introduction to anatomy, physiology, ecology, distribution, economic importance, and classification of major groups and representative local species of fish.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 522. Aquatic Ecology** **4 Units**  
**Prerequisite(s):** BIOL 363.  
**Description:** Ecological processes in aquatic environments with primary emphasis on lakes and reservoirs.  
**Note:** Credit may not be earned in both BIOL 522 and BIOL 622.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 540. Metabolic Biochemistry** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BIOL 329 and CHEM 342.  
**Description:** An advanced study of metabolic pathways including synthesis of macromolecules (proteins, nucleic acids, lipids, carbohydrates), mechanisms of metabolic control and utilization of metabolic intermediates.  
**Note:** Credit may not be earned in both BIOL 540 and BIOL 640.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 541. Medicinal Plant Biochemistry - CUE, WR** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** BIOL 540, CHEM 445, CHEM 545, or BIOC 545.  
**Fee:** An additional \$40.00 is charged for this course.

**Description:** A detailed study of biosynthesis and bioactivity of specialized plant metabolites (secondary metabolites). Topics will include aspects of general plant metabolism as well as specialized metabolism pathways (alkaloids, terpenes and phenolics) and will include a survey of approaches as they relate to discovery of bioactive plant metabolites and a review of known plant metabolites used to treat human diseases/disorders.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 542. Gene Structure and Function - WR** **3 Units**  
**Prerequisite(s):** BIOL 330 or equivalent, or consent of instructor.  
**Description:** Advanced topics in genetics of prokaryotes and eukaryotes, including chromosome structure and function, and gene regulation.  
**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).  
**Note:** Credit may not be earned for both BIOL 542 and BIOL 642.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 548. Experimental Design and Analysis - CUE, WR 3 Units**

**Prerequisite(s):** BIOL 350 or BIOL 651.

**Description:** Move principles of sound experimental design, analysis and presentation from recognition to active vocabulary. Students completing the course can serve as statistical consultants for moderately complex statistical designs.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 552. Evolutionary Medicine 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** BIOL 240, BIOL 242, BIOL 372, or BIOL 409, or equivalents.

**Description:** In-depth analyses at the interface of evolutionary biology and the health sciences using readings from the primary literature. Format involves lectures, discussion, and a library-based research project.

**Note:** Credit may not be earned in both BIOL 552 and BIOL 652.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 553. Chronic Disease Biology 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** BIOL 329 and BIOL 372.

**Description:** The course will cover the biological bases of chronic disease, with an emphasis on the mechanisms of disease causation and the evolution of these mechanisms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 555. Microbial Ecology 3 Units**

**Prerequisite(s):** BIOL 357, or BIOL 485, or consent of instructor.

**Description:** Interrelationships between microorganisms and their environments.

**Note:** Credit may not be earned in both BIOL 555 and BIOL 655.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 560. Ecology of Urban and Suburban Landscapes 3 Units**

**Term Typically Offered:** Spring Odd Years

**Prerequisite(s):** BIOL 363 or GEOS 365.

**Description:** Effects of cities and suburban sprawl on air and water chemistry, microclimate, fragmented landscapes, and responses of biotic and human communities to these conditions that degrade or promote urban resilience, adaptation and sustainability.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 562. Ecosystems Ecology 3 Units**

**Term Typically Offered:** Spring Even Years

**Prerequisite(s):** BIOL 363; an advanced ecology course recommended.

**Description:** The transformations of matter and energy that link plant, animal and geochemical cycles. Implications for resource management also discussed.

**Note:** Credit may not be earned in both BIOL 562 and BIOL 662.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 563. Population and Community Ecology 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** BIOL 363.

**Description:** Introduction to population dynamics and species interactions in aquatic and terrestrial ecosystems. Review of underlying ecological theory and its applications for conserving biodiversity.

**Note:** Credit may not be earned in both BIOL 563 and BIOL 663.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 567. Conservation Biology 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** BIOL 363 or permission of instructor.

**Description:** This course provides an overview of theory and practice of conservation. Topics include biodiversity, habitat loss, the effects of habitat changes on populations, and the design and establishment of reserves. Among other things, students will learn: 1) key terms and concepts related to biodiversity, 2) significant threats to biodiversity and efforts to mitigate them, and 3) practical and socioeconomic elements of conservation biology.

**Note:** Credit may not be earned for both BIOL 567 and BIOL 667.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 569. Evolution 3 Units**

**Prerequisite(s):** BIOL 363.

**Description:** Offers a comprehensive overview of evolution and provides students with a review of issues that make up this critical discipline.

**Note:** Credit may not be earned in both BIOL 569 and BIOL 669.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 571. Selected Topics 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Contents to be indicated in schedule of courses.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 572. Selected Topics-Laboratory 1-4 Units**

**Description:** Contents to be indicated in schedule of courses. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 591. Biology for Teachers I 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Experience in teaching biology or biological principles in elementary, middle or secondary school.  
**Description:** Teaching pre-college biology with emphasis on curriculum content, laboratory procedures, and process skills. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 593. Experimental Cell Biology for Teachers 3 Units**

**Prerequisite(s):** BIOL 240, BIOL 242, BIOL 244, BIOL 329, BIOL 330, and BIOL 331 or equivalent; or consent of instructor.  
**Description:** Lecture and lab activities focused on inquiry-based investigations at the cellular level suitable for secondary school classroom. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BIOL 594. Experimental Botany for Teachers 3 Units**

**Prerequisite(s):** BIOL 240, BIOL 242, BIOL 244, BIOL 329, BIOL 330, BIOL 331 or equivalent, or consent of instructor.  
**Description:** This course is designed for pre-service and classroom teachers of the life sciences from elementary through high school. To increase teachers' abilities to teach sciences, especially botany, using inquiry-oriented strategies. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Business (BUS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**BUS 101. The Logic of Business 3 Units**

**Term Typically Offered:** Fall, Spring  
**Description:** The course covers the basics of learning to think critically in a discipline, the basics of the business environment and the functional areas of business with a focus on applying critical thinking skills, and how the functional areas of business are integrated in a business organization.  
**Note:** This course is restricted to students admitted to the College of Business.  
**Note:** This course may not be used as an elective by College of Business students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 201. Career Development 1 Unit**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission to College of Business, Sophomore standing.  
**Description:** Introduces business students to career development, including the importance of career planning. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 202. Design Thinking for Creative Problem Solving - SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course covers design thinking as an approach that employs creative problem solving in order to develop viable solutions to "wicked" social, public policy, and/or business problems. Students will develop agile, critical thinking skills useful in understanding and developing creative solutions to such problems.  
**Note:** Cross-listed with MKT 202.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 301. Business Communication 3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Completion of Written Communication and Oral Communication General Education requirements.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Students will learn to tailor messages to specific receivers in order to meet business goals. They will develop their ability to be professional, clear, concise, evidence-driven, and persuasive in communication interactions.  
**Note:** Restricted to students admitted to the College of Business.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 310. Business Analytics** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ACCT 201 and ACCT 202 or ACCT 203, BSTA 301, CIS 205, FIN 301 or FIN 302, MGMT 301.

**Description:** Restricted to BBA students and Management Minors not majoring in the College of Business. Contemporary businesses depend on analytics to grow, sustain, and adapt to the challenges of their marketplace. This course introduces students to common analytic concepts in order to better position them to understand, utilize, and disseminate data and other forms of business evidence. The course focuses on real-world examples and applications to illustrate how business analytics informs decision-making while introducing students to basic statistical and visualization tools commonly used in the workplace. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 397. Co-op in Business I** **3 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Student must be in good academic standing in the College of Business; BBA majors only.

**Description:** Prerequisites or corequisites: MGMT 301 A new workplace experience in an approved position which offers a progression of learning at a level appropriate for practical application of classroom theory and tools.

**Note:** Applications to the co-op program and completion of orientation processes should be completed prior to employment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 399. Co-op in Business** **1-3 Units**

**Grading Basis:** Pass/Fail

**Description:** Prerequisites or corequisites: MGMT 301. A new workplace experience in an approved position which offers a progression of learning at a level appropriate for practical application of classroom theory and tools. Application to the co-op program and completion of orientation processes should be accomplished prior to employment.

**Note:** Restricted to College of Business BBA majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 431. Honors Seminar in Business** **3 Units**

**Prerequisite(s):** Permission of business honors coordinator.

**Description:** Interdisciplinary honors seminar. Topics vary. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 441. Honors Seminar in Business** **3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Permission of business honors coordinator.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Interdisciplinary honors seminar. Topics vary. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 450. Business Applications** **3 Units**

**Prerequisite(s):** MGMT 301, MKT 301, FIN 301, and CIS 300.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Using an online simulation, students will make decisions using the various aspects of business (marketing, finance, production, etc.) to run a manufacturing business. The focus is on applying the business concepts learned in the business core classes.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 490. Special Topics in Business** **1-6 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Junior standing or instructor permission .

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A variety of topics in business will be studied. Course content will vary but the content will not duplicate current offerings. A student may take this for credit more than once as long as the same topics were not covered in the previous course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**BUS 499. Independent Study in Business** **1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Approval of Associate Dean for Undergraduate Programs.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Allows students to select a business subject for study that is not currently offered as part of the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Business Statistics (BSTA)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**BSTA 301. Business Statistics****3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** An ACT math score of 25 or completion of MATH 111.**Fee:** An additional \$45.00 is charged for this course.

**Description:** Open to all University of Louisville students. Designed for students in Business and Economics, this course introduces them to the basic elements of probability and statistics, covers descriptive statistics, elements of probability theory, properties of discrete and continuous random variables, sampling estimation, hypothesis testing, analysis of variance and regression analysis. The application of these concepts to problem solving in business and economics is emphasized. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Campus Culture / Business (CAMP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**CAMP 100. Campus Culture/Business Students****1 Unit****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Admission to College of Business.

**Description:** Introduction to the multiple dimensions of university life, with emphasis on business education. Students will gain an understanding of various parts of the University and the College of Business—the administration, the faculty, the learning resources, support services, extra-curricular activities—and how these parts contribute to the learning process and academic success.

**Note:** Required of all beginning freshman and transfer students with fewer than 24 hours entering the College of Business; must be taken prior to completion of 18 hours as a COB student.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Chemical Engineering (CHE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings

may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**CHE 205. Introduction to Chemical Engineering****3 Units****Term Typically Offered:** Summer Only**Prerequisite(s):** ENGR 101, CHEM 201.**Corequisite(s):** CHE 230.

**Description:** Overview of chemical engineering practice and basic principles; problem-solving techniques; open-ended problems and hands-on projects to introduce design concepts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHE 211. Chemical Engineering Thermodynamics I****3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** ENGR 102 and CHEM 202.

**Description:** Development of first law, PVT behavior of pure fluids and heat effects, development of second law, thermodynamic properties of pure fluids, applications of first and second laws to realistic chemical engineering problems, conversion of heat and work-basic cycles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHE 230. Computer Applications in Chemical Engineering****2 Units****Term Typically Offered:** Summer Only**Prerequisite(s):** ENGR 101, CHEM 201.**Corequisite(s):** CHE 205.

**Description:** Introduction to computer software relevant to solving ChE problems, development of computer solutions to selected problems involving thermodynamics, fluid dynamics, heat and mass transfer, and reactor design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHE 253. Materials Science****3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** CHEM 201.

**Description:** The properties of materials as reflected by the atomic and electronic structure of their constituent elements. Mechanical, thermal, electrical, magnetic, optical, and chemical characteristics of metallic, ceramic, polymeric, and composite solids.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CHE 288. Chemical Engineering Cooperative Education Seminar** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGL 101, ENGR 110, student must be in Good Standing with GPA of 2.25 or higher; CHE 211, CHE 305, ENGR 201.  
**Corequisite(s):** CHE 211, CHE 305, ENGR 201.  
**Description:** Discussion of the policies and procedures for cooperative education; instruction in job search techniques, including resume preparation, forwarding letters, and behavioral interviewing. The student performance appraisal is explained, along with how to be successful in the workplace. The job market is discussed along with company descriptions. In addition the requirements for the Co-op Report are explained. Question and answer sessions with returning students and co-op employers are included. The student also receives training in the use of the University Career Services Management System. This seminar is a prerequisite for the first cooperative education term.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 289. Chemical Engineering Cooperative Education I** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 201, CHE 211, CHE 288, and CHE 305.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 305. Material and Energy Balances** 4 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ENGR 102 and CHE 205.  
**Description:** Stoichiometry, material balances, energy balances, combined material and energy balances for non-flow and flow systems. Problem solving and introduction of computer methods in chemical engineering. Career orientation. Open-ended problems introduce design concepts.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 312. Chemical Engineering Thermodynamics II** 3 Units  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CHE 211.  
**Description:** Fluid mixtures and mixed phase systems, basic vapor-liquid equilibrium (VLE), followed by theory and application of solution thermodynamics, chemical-reaction equilibrium; extension of phase equilibria to include liquid-liquid (LL), vapor-liquid-liquid (VLL), solid-liquid (SL), and solid-vapor (SV) systems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 331. Principles of Fluid Dynamics** 3 Units  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CHE 305 and ENGR 201.  
**Description:** Principles of momentum transfer; Newtonian and non-Newtonian behavior; friction factors and pressure drops in laminar and turbulent flow; design of piping systems and fluid metering devices; fluid moving machinery-types, characteristics and selection of pumps and compressors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 351. Physical Chemistry** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHE 312.  
**Description:** Correlation of molecular, physical and chemical phenomena to properties of matter and to common engineering situations. Topics include statistical thermodynamics, kinetics and surface chemistry, photochemistry and electrochemical systems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 389. Chemical Engineering Cooperative Education II** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 205, CHE 289, CHE 312, and CHE 331.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 401. Safety, Health and Environment** 1 Unit  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CHE 305.  
**Description:** A survey of the common regulations that Chemical Engineers deal with in the process industries, e.g., OSHA, RCRA, TSCA, etc. Overview of safety, health and environmental issues that Chemical Engineers in the process industries must consider.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 405. Practicum in Chemical Engineering Education** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHE 253, CHE 305, and consent of the instructor.  
**Description:** A guided learning experience in inquiry-based instructional techniques and best practices in STEM education that includes field experience as an undergraduate teaching assistant. Permission to enroll is required.  
**Note:** May be repeated for a maximum of 3 credit hours.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CHE 430. Computer Applications in Chemical Engineering** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ENGR 205, CHE 312, and CHE 331.  
**Description:** Computer solutions of selected problems involving thermodynamics, fluid dynamics, heat transfer, and reactor design. May include introduction to process simulators such as ASPEN PLUS, ChemCAD etc. Problems include modeling and design of piping networks, reactors, separation processes, etc.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 433. Principles of Heat and Mass Transfer** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ENGR 205, CHE 312, and CHE 331.  
**Description:** Fundamental mechanisms of heat transfer through conduction, convection and radiation and their correlation to the principles of mass transfer with applications to the design of heat exchange equipment as well as continuous and stage-wise mass transfer operations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 436. Separation Operations** 4 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHE 433.  
**Description:** A study of mechanical and chemical separation operations based on the principles of momentum transfer and simultaneous heat and mass transfer. Both traditional and newer separation methods included. Component design is emphasized.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 441. Kinetics and Chemical Reactors** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHE 312 and CHE 331.  
**Description:** Basic kinetics for batch reactors, including data analysis by integral and differential methods. Design of tubular and tank reactors for homogeneous reaction systems, including non-isothermal effects and product selectivity problems. Enzyme kinetics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 461. Elements of Process Control** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ENGR 205 and CHE 436.  
**Description:** Linear control theory and its application to the solution of process control problems. Design of control schemes.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 471. The Strategy of Design** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHE 401, CHE 433 and CHE 441.  
**Description:** The techniques and strategies of chemical process design. Technical factors, including synthesis paths, process synthesis, utilities, controls, instrumentation, safety, health and environmental issues, etc. and economic factors such as measures of profitability, time value of money, etc. are considered in developing flowsheets for a chemical process. A case-study approach is used. Computer techniques involving spreadsheets and simulators are used where applicable. Rewriting and editing of a series of written assignments is expected.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 485. Unit Operations Laboratory I** 2 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHE 433.  
**Description:** Selected experiments covering the areas of fluid mechanics, momentum and heat transfer. Written technical communications covering experiments will be emphasized.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 486. Unit Operations Laboratory II** 2 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHE 436 and CHE 441.  
**Description:** Selected mass transfer experiments covering such areas as filtration, drying, distillation, evaporation, absorption, membrane separations, kinetics, fermentation, environmental concerns, etc. Written and oral technical communications covering the experiments will be emphasized.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 489. Chemical Engineering Cooperative Education III** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHE 389 and CHE 433.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 493. Undergraduate Research in Chemical Engineering** 1-6 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Approval of a faculty sponsor.  
**Description:** Students will perform independent and guided research under the direction of a faculty member.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CHE 494. Current Topics in Chemical Engineering** 3 Units  
**Prerequisite(s):** Permission of instructor; varies depending on the topic.  
**Description:** Current topics and recent developments in the field of Chemical Engineering will be presented on an as-needed basis. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 502. Biochemical Engineering** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHE 433 (or concurrent) and CHE 441 (or concurrent).  
**Description:** Engineering principles related to operations involving biological processes, e.g., fermentation. Basic microbiology and biochemistry; biochemical reaction mechanisms, kinetics, rate processes, and separation techniques. Applications to foods, pharmaceuticals, and waste treatment, including system design. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 503. Fundamentals of Engineering Examination Review** 2 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 4th-year standing.  
**Description:** Review of topics covered on eight-hour NCEES Fundamentals of Engineering examination. Not to be counted towards meeting the requirements for a degree. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 509. Environmental Processes and Systems** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CEE 309 or CHE 401.  
**Description:** This course examines scientific and engineering aspects of environmental problems, stressing important issues, existing technical solutions and new solutions. The course presents engineering approaches to natural systems and describes techniques to treat/eliminate environmental problems.  
**Note:** Cross-listed with CEE 509.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 520. Modeling and Transport Phenomena** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHE 433 and CHE 441.  
**Description:** An introduction to the interrelationship of momentum, heat and mass transport focusing on the development of the equations of change through the use of shell balances and their relation to earlier courses in fluids, heat and mass transfer. Some focus will be placed on this using material in the modeling of basic chemical engineering systems. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 532. Advanced Material Science** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 90 or more credit hours.  
**Description:** Advanced study of materials science. Topics may include the electronic and atomic structure of materials; properties characterized by electron motion; properties associated with atomic motion; applications and synthesis of fundamentals to several real problems; science of thin films; or other topics selected by the instructor. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 533. Chemical Engineering Safety and Health** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 90 or more credit hours.  
**Description:** Overview of regulations and industrial practices, emphasizing chemical hazards, including: industrial hygiene, toxicology, controls and hazards analysis. Safety considerations in process design. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 534. Industrial Waste Management** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 90 or more credit hours.  
**Description:** A survey of regulations, generation, control and management of industrial wastes and environmental hazards: airborne, aqueous, solids and hazardous wastes. Course includes guest speakers, site visits and a term project. Design of waste treatment facilities.  
**Note:** Cross-listed with CEE 534.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 535. Pollution Prevention** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 90 or more credit hours.  
**Description:** Multimedia pollution prevention and waste minimization of hazardous and non-hazardous wastes and emissions: toxics use reduction; source reduction; reuse, reclamation and recycling; product life-cycle analysis; economic evaluation; assessments; planning and management. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 550. Kinetics of Polymer Reactions** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHE 441 and CHEM 341.  
**Description:** Kinetic expressions are developed for several polymer reaction mechanisms including chain, step, ionic and emulsion reactions; copolymerization; polymer reaction engineering; molecular weight distributions; structural considerations; design considerations. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CHE 551. Polymer Science** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHEM 341.  
**Description:** Introduction to polymer science and engineering. Polymer synthesis, kinetics, structure, and properties; commercial polymers; polymer processing; equipment design.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 562. Process Control Laboratory** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHE 461.  
**Description:** A laboratory course demonstrating computer simulation and the characteristics of sensing and control devices and their interactions when incorporated into process control systems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 572. Plant Process and Project Design - CUE** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHE 471.  
**Description:** The design and economic evaluation of a chemical plant, from process definition and flow sheet construction to a cash position diagram and measures of profitability.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 574. Techniques of Research** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 90 or more credit hours.  
**Description:** The design, analysis, and interpretation of experimental results to obtain the desired information within reasonable constraints of time and expense. Testing predictions and making reliable decisions utilizing graphical, numerical, and statistical techniques.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 581. Chemical Vapor Deposition and Processing** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHE 253, CHE 441 and CHE 435 or the consent of the instructor.  
**Description:** Theoretical and experimental concepts involved with chemical vapor desposition and processing of advanced and nanomaterials.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 593. Independent Study in Chemical Engineering** 1-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Independent research conducted with the approval and supervision of a faculty member.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 594. Special Topics in Chemical Engineering** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** An examination of one or more specific areas of Chemical Engineering. Details announced each semester.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHE 595. Master of Engineering Seminar in Chemical Engineering** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Fifth-year standing.  
**Description:** Presentation and/or discussion of topics of current interest. This course is available to students enrolled in the professional school, division of higher studies or the Graduate School.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Chemistry (CHEM)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### CHEM 100. Elements of General Chemistry 3 Units

**Prerequisite(s):** Completion of general education requirement in mathematics recommended.

**Description:** The basic concepts of general and inorganic chemistry including an introduction to the periodic table, atomic and molecular structure, and chemical reactions and equilibria. This course is recommended as preparation for CHEM 201.

**Note:** May not be counted toward major in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<b>CHEM 101. Introduction to Chemistry - S</b> 3 Units <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Description:</b> A one-semester introduction to inorganic, organic, and biochemistry for non-majors. The course is designed to provide a general background for an elementary understanding of chemistry and societal issues related to chemistry. May also be taken by the less-prepared student as preparation for CHEM 201. <b>Note:</b> Not counted toward major in Chemistry.  For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>CHEM 207. Introduction to Chemical Analysis I - SL</b> 1 Unit <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> Successful completion of or concurrent registration in CHEM 201. <b>Fee:</b> An additional \$45.00 is charged for this course. <b>Description:</b> An introduction to the Chemistry laboratory with an emphasis on qualitative analysis. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>CHEM 103. Introductory Chemistry Laboratory - SL</b> 1 Unit <b>Term Typically Offered:</b> Fall, Spring <b>Prerequisite(s):</b> Concurrent enrollment in or completion of CHEM 101 or CHEM 105. <b>Fee:</b> An additional \$70.00 is charged for this course. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>CHEM 208. Introduction to Chemical Analysis II - SL</b> 1 Unit <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> Completion of or concurrent enrollment in CHEM 201 and completion of CHEM 207. <b>Fee:</b> An additional \$45.00 is charged for this course. <b>Description:</b> CHEM 208 is a continuation of CHEM 207. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>CHEM 105. Chemistry for Health Professionals - S</b> 4 Units <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Description:</b> An introductory survey of both general and organic chemistry with an emphasis on the relationship of chemistry to life processes, health, and nutrition. <b>Note:</b> Not counted toward major in chemistry. <b>Note:</b> Does not fulfill general education lab requirement.  For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>CHEM 209. Introduction to Chemical Analysis III</b> 1 Unit <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> CHEM 208 and successful completion of or concurrent registration in CHEM 202. <b>Fee:</b> An additional \$45.00 is charged for this course. <b>Description:</b> Continuation of CHEM 208. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>CHEM 201. General Chemistry I - S</b> 3 Units <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> 1) For students with 15 or fewer hours earned at UofL or another university: an Accuplacer AAF score of 250 or higher, a math ACT score of 26 (SAT Math of 610) or higher, or an ACT composite of 27 (SAT 1260) or higher; or 2) For students with 12 or more credit hours earned at UofL or another university: an overall GPA equivalent to a C+(2.30) or higher, and either a minimum grade of C (not C-) in MATH 180 or higher, or a minimum grade of C (not C-) in CHEM 101 or CHEM 105. <b>Description:</b> An introduction to the basic concepts and principles of modern chemistry. Special emphasis on chemical periodicity, stoichiometry, equilibrium, thermodynamics, kinetics, atomic and molecular structure, and descriptive chemistry of the elements. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>CHEM 210. Introduction to Chemical Analysis IV</b> 1 Unit <b>Term Typically Offered:</b> Fall, Spring <b>Prerequisite(s):</b> Completion of or concurrent enrollment in CHEM 202 and completion of CHEM 209. <b>Fee:</b> An additional \$45.00 is charged for this course. <b>Description:</b> Continuation of CHEM 209; intended especially for Chemistry majors; introduction to instrumental methods of chemical analysis. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
<b>CHEM 202. General Chemistry II - S</b> 3 Units <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> CHEM 201. <b>Description:</b> A continuation of the basic concepts and principles of modern chemistry. Topics include equilibria, thermodynamics, kinetics, electrochemistry, nuclear chemistry and/or descriptive chemistry of the elements. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>CHEM 320. Chemical Information Resources</b> 1 Unit <b>Prerequisite(s):</b> CHEM 341. <b>Description:</b> The use of printed material and computer based literature search techniques focused on finding specific information on a designated topic. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )
		<b>CHEM 341. Organic Chemistry I</b> 3 Units <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> Completion of CHEM 202 and CHEM 209. <b>Description:</b> Basic principles of organic chemistry: structure and geometry of molecules and consequential physical, chemical, and spectroscopic properties; chemical reactions, mechanisms, and synthetic applications; industrial and biological examples. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )

- CHEM 342. Organic Chemistry II** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Completion of CHEM 341.  
**Description:** Continuation of the basic principles of organic chemistry; structure and geometry of molecules and consequential physical, chemical, and spectroscopic properties; chemical reactions, mechanism, and synthetic applications; functional group chemistry and biomolecules. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 343. Organic Chemistry Laboratory I** 2 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Concurrent enrollment in or completion of CHEM 341.  
**Fee:** An additional \$80.00 is charged for this course.  
**Description:** Techniques of modern organic chemistry: syntheses, mechanistic studies, identification of unknowns by chemical and spectroscopic methods, special projects. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 344. Organic Chemistry Laboratory II** 2 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Concurrent enrollment in or completion of CHEM 342.  
**Fee:** An additional \$80.00 is charged for this course.  
**Description:** Techniques of modern organic chemistry: syntheses, mechanistic studies, identification of unknowns by chemical and spectroscopic methods, special projects. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 390. Undergraduate Research - WR, CUE** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHEM 344, faculty consent and junior standing.  
**Description:** Each student is required to submit a written report (2400 words) to the research advisor near the end of the semester. The advisor will critique the report and return it to the student for revision and submission to the advisor and the department chair at the end of the semester.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 391. Undergraduate Research - CUE** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Faculty consent.  
**Description:** Each student is required to submit a written report to the research advisor and the Chemistry Department chair at the end of each research period.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 392. Undergraduate Research - CUE** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Faculty consent.  
**Description:** Each student is required to submit a written report to the research advisor and the Chemistry Department chair at the end of each research period.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 420. Cooperative Internship in Chemistry - WR, CUE** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Chemistry through 344, department chair consent and junior standing.  
**Description:** An individually arranged course combining work experience with related academic work in chemistry. Each student is required to submit a written report along with an employer evaluation at the end of each co-op period. The report will be reviewed and graded by the co-op director.  
**Note:** Approved for the Arts and Sciences Upper-Level Requirement in Written Communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 425. Instrumental and Statistical Analysis** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHEM 210 and CHEM 342.  
**Description:** Modern instrumental approaches to chemical analysis including atomic and molecular spectroscopy, chromatographic methods, electrochemistry, and statistical analysis of data. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CHEM 430. Practicum in Chemistry Education - CUE** 1 Unit  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CHEM 342 and CHEM 344; majors only; permission to enroll required; minimum 3.0 GPA in chemistry to be eligible.  
**Description:** A guided learning experience in inquiry-based instructional methods and best practices in STEM education. This course includes experimental learning as an undergraduate teaching assistant.  
**Note:** May be repeated for a maximum of 3 credit hours.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 441. Elements of Physical Chemistry** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHEM 341; PHYS 222 or PHYS 299; and MATH 206 (or concurrent).  
**Description:** Survey of Physical Chemistry. Course content includes states of matter, laws of thermodynamics and their applications, chemical and biological kinetics, quantum chemistry, and spectroscopy.  
**Note:** Credit may not be earned for this course and CHEM 465 and CHEM 466.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 445. Survey of Biochemistry** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHEM 342.  
**Description:** A survey of chemical characteristics of the constituents of living matter; cellular metabolism of proteins, nucleic acids, carbohydrates and lipids.  
**Note:** This course will not count as credit for BS major with concentration in biochemistry.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 450. Introduction to Computational Chemistry and Molecular Modeling** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHEM 342 and MATH 206; PHYS 299 or PHYS 222.  
**Description:** A discovery-based approach to common calculations in computational chemistry including how to optimize geometry, locate and characterize transition states, and calculate transition barriers and heats of reaction.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 451. Senior Research Seminar** 1 Unit  
**Prerequisite(s):** CHEM 591, or CHEM 392 and permission of the research director.  
**Description:** Preparation of the Senior Thesis and an oral presentation of it before a group of peers and faculty.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 465. Physical Chemistry I** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHEM 202; PHYS 222 or PHYS 299; concurrent registration in MATH 301.  
**Description:** Introduction to the quantum theory of atoms, molecules and the chemical bond. The use of spectroscopy in the determination of molecular structure and chemical function.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 466. Physical Chemistry II** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHEM 465.  
**Description:** Thermodynamics, statistical thermodynamics, chemical equilibrium and reaction kinetics from a molecular point of view.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 470. Physical Chemistry Laboratory - WR** 2 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHEM 210; CHEM 441 or CHEM 465.  
**Fee:** An additional \$60.00 is charged for this course.  
**Description:** Laboratory experiments and related lecture on properties of gases, thermochemistry, kinetics, electro-chemistry, laser techniques in chemical processes, spectroscopic methods including FTIR, EPR and X-ray crystallography.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Fulfills one WR requirement.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 491. Undergraduate Research - CUE** 1-3 Units  
**Term Typically Offered:** Fall, Summer  
**Prerequisite(s):** Faculty consent.  
**Description:** Each student is required to submit a written report to the research advisor and the Chemistry Department chair at the end of each research period.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CHEM 492. Undergraduate Research** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Faculty consent.  
**Description:** Each student is required to submit a written report to the research advisor and the Chemistry Department chair at the end of each research period.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 501. Independent Study 1-3 Units**

**Prerequisite(s):** Minimum GPA of 3.0 overall; minimum GPA of 3.5 in department and at least 18 semester hours credit in the department.

**Description:** Independent research conducted with the approval and supervision of a faculty member.

**Note:** Credit may not be applied to an advanced degree in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 503. Special Topics in Chemistry 1-3 Units**

**Prerequisite(s):** As required by topic.

**Description:** An examination of one or more specified areas of Chemistry. Details announced each semester.

**Note:** Not applicable toward graduate degree in chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 515. Inorganic Chemistry 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CHEM 342; concurrent enrollment in CHEM 441 or CHEM 465.

**Description:** Descriptive and theoretical chemistry of the elements.

**Note:** Credit may not be applied to an advanced degree in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 527. Introduction to Separations and Spectroscopy - WR 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CHEM 210, CHEM 342 and CHEM 344; CHEM 441 (or concurrently) or CHEM 465 (or concurrently).

**Fee:** An additional \$60.00 is charged for this course.

**Description:** An introductory survey of contemporary chemical instrumentation including gas and liquid chromatography, molecular spectroscopy and <sup>1</sup>H and <sup>13</sup>C nuclear magnetic resonance. Both hands-on instrument operation and applications to synthetic processes are considered.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 528. Contemporary Methods of Synthesis and Analysis I - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** CHEM 527.

**Fee:** An additional \$60.00 is charged for this course.

**Description:** A discovery-based approach to the solution of problems encountered in chemical synthesis and analysis.

**Note:** Credit may not be applied to an advanced degree in Chemistry.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 529. Contemporary Methods of Synthesis and Analysis II 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** CHEM 527; CHEM 515 (or concurrently).

**Fee:** An additional \$60.00 is charged for this course.

**Description:** A discovery-based approach to the solution of problems encountered in chemical synthesis and analysis.

**Note:** Credit may not be applied to an advanced degree in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 532. Chemistry Education for Secondary Teachers 4 Units**

**Prerequisite(s):** CHEM 527 (or concurrently).

**Description:** In-depth examination of chemistry content for secondary teachers as aligned with national and state standards. Inquiry-based laboratory and diverse assessment of core concepts will be developed.

**Note:** Does not count toward a degree in Chemistry except by departmental permission.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 545. Biochemistry I 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CHEM 342.

**Description:** Chemistry of amino acids, peptides, proteins, carbohydrates, nucleotides and nucleic acids; methods of analysis and laboratory synthesis; enzyme properties, kinetics, ligand binding.

**Note:** Credit may not be earned in both CHEM 545 and CHEM 645, or in both CHEM 545 and CHEM 445.

**Note:** Credit may not be applied toward an advanced degree in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 546. Biochemistry Laboratory 2 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** CHEM 445 or concurrent enrollment in CHEM 545.

**Fee:** An additional \$60.00 is charged for this course.

**Description:** Application of contemporary laboratory methods of biochemistry including uv/vis spectrophotometry, liquid chromatography centrifugation, gel electrophoresis, mass spectrometry, FTIR, and recombinant DNA techniques.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 547. Biochemistry II 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** CHEM 545.

**Description:** Cellular metabolism of carbohydrates, lipids, amino acids and biomembrane phenomena; RNA, DNA, and protein synthesis.

**Note:** Credit may not be earned in both CHEM 547 and CHEM 647, or in both CHEM 547 and CHEM 445.

**Note:** Credit may not be applied to an advanced degree in chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHEM 550. Group Theory and its Chemical Applications 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** One year of physical chemistry.**Description:** Elementary group theory; the use of group theory to treat symmetry; application to atomic structure, molecular structure, spectroscopy, and reaction mechanisms.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHEM 555. Theory and Application of Computational Chemistry 3 Units****Prerequisite(s):** CHEM 441 or CHEM 465 or PHYS 300.**Description:** Theory and Application of Computational Chemistry will be a combined elective undergraduate and graduate level course. The purpose of the course is to provide students with the necessary knowledge such that they can examine chemical problems computationally and where required, use computational tools to benefit their own research. The course will emphasize practical applications of computers in chemistry, trends that define the appropriate methods for chemical studies, and elucidation of underlying theoretical methods. As the abstract nature of the field is frequently a learning barrier to many students, the course will incorporate a series of workshops to enable students to build their own computer programs and study chemical problems computationally.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHEM 557. Bio-Organic Phenomena 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** One year of organic chemistry.**Description:** Special topics in the biological chemistry area: e.g., chemical carcinogenesis; diet and cancer, food chemistry and polypeptides; proteins; carbohydrates; enzymes; hormone chemistry.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHEM 591. Chemistry for Teachers I 3 Units****Prerequisite(s):** For graduate education majors; must have experience in teaching chemistry principles in elementary, middle, or secondary schools.**Description:** Teaching pre-college chemistry with emphasis on curriculum content, laboratory procedures, and process skills.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Chinese (CHNS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific

fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CHNS 101. Elementary Chinese I 3 Units****Term Typically Offered:** Fall Only**Description:** For beginners. Introduction to fundamentals of Mandarin Chinese, including pronunciation, grammar, and some Chinese characters, with emphasis on all four basic language skills - speaking, listening comprehension, reading and writing.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHNS 102. Elementary Chinese II 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** CHNS 101 or equivalent.**Description:** Continued work on fundamentals of Mandarin Chinese, including pronunciation, grammar, and additional Chinese characters, with emphasis on all four basic language skills - speaking, listening comprehension, reading and writing.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHNS 200. Study Abroad 1-15 Units****Term Typically Offered:** Occasionally Offered**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHNS 201. Intermediate Chinese I 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** CHNS 102 or equivalent.**Description:** Designed to strengthen communication skills of listening, speaking, reading and writing. Grammar review, mastery of 500 Chinese characters; insights into China, its language and culture.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHNS 202. Intermediate Chinese II 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** CHNS 201 or equivalent.**Description:** Continued work on communicative skills of listening, speaking, reading and writing. Mastery of additional signs; insights into China, its language and culture.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CHNS 300. Study Abroad 1-15 Units****Term Typically Offered:** Occasionally Offered**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the department. Credit is awarded with proof of successful completion.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 301. Advanced Intermediate Chinese I** 3 Units

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Completion of CHNS 202 or equivalent.  
**Description:** Increase ability to read, write, speak and understand Chinese. Learn new characters and master use of a Chinese-English dictionary.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 302. Advanced Intermediate Chinese II** 3 Units

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Completion of CHNS 301 or equivalent.  
**Description:** Emphasis on four language skills continues. Mastery of up to 800 Chinese characters; learn new words from context and character combinations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 311. Independent Study** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHNS 202 (or equivalent), or permission of instructor.  
**Description:** Independent study in Chinese language, literature and culture.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 313. Special Topics in Chinese Literature, Language, and Culture** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHNS 102.  
**Description:** Study of an aspect of Chinese Literature, culture and /or language.  
**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 321. Chinese Conversation I** 3 Units

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHNS 202 or equivalent.  
**Description:** The course is designed to help students achieve an intermediate level of communication through practicing Chinese while discussing a variety of topics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 322. Chinese Conversation II** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHNS 321 or equivalent.  
**Description:** The course is designed to help students achieve an advanced intermediate level of communication through practicing Chinese while discussing a variety of topics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 455. Advanced Readings in Chinese I** 3 Units

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CHNS 302 or permission of the instructor.  
**Description:** Enhances the student's ability to read and understand modern written Chinese by examining authentic literary and non-literary texts.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 456. Advanced Readings in Chinese II** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHNS 455 or permission of the instructor.  
**Description:** Continuation of CHNS 455.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHNS 551. Special Topics** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CHNS 456 (or equivalent), or permission of the instructor.  
**Description:** The course aims at bridging the gap between students advanced skills of spoken Chinese and their understanding of the complexity of advanced written Chinese.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Chinese Studies (CHST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**CHST 270. Chinese Contributions to the World - D2, AH** 3 Units

**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to Chinese historical scientific contributions to the world, the reciprocal influences between Chinese and non-Chinese cultures, and Chinese ethnicity and identities within the global context.  
**Note:** Cross-listed with AST 270 and M L 270.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 313. Special Topics**

**Term Typically Offered:** Occasionally Offered

**Description:** Topic varies by semester. Conducted in English.

**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 323. Doing Business in China**

**Term Typically Offered:** Occasionally Offered

**Description:** Discussion of business traditions, practices, etiquette, and norms in China. Conducted in English.

**Note:** Cross-listed with AST 323.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 331. Chinese Culture and Tradition**

**Term Typically Offered:** Occasionally Offered

**Description:** Discussion of Chinese culture and society from the beginnings to 1900, covering topics of religion and government, education, marriage, family, medicine, invention, art, architecture, and other aspects of social life. Conducted in English.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 333. Contemporary China**

**Term Typically Offered:** Occasionally Offered

**Description:** Discussion of the China of today, including popular culture, technology, mass media, folk theater, urban consumer culture, and state policy. Conducted in English.

**Note:** Cross-listed with AST 333.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 335. China Through Film - AH, D2**

**Term Typically Offered:** Fall Only

**Description:** Examination of 20th-century China through the critical study of selected examples of film. Conducted in English.

**Note:** Cross-listed with AST 335.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 341. Ethnicity and Religion in China**

**Term Typically Offered:** Occasionally Offered

**Description:** Studies of minority peoples such as Uigurs, Huis, Mongols and Tibetans, including their life style, language, art and religion. Discussion of how Buddhism, Islam, Christianity and other religious ideas spread into China, and their presence today in China. Conducted in English.

**Note:** Cross-listed with AST 341.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**3 Units**

**CHST 351. Chinese Literature in Translation I - AH, D2**

**Term Typically Offered:** Occasionally Offered

**Description:** Chinese literature from the beginning to 1911, discussion of principal genres, authors, and works. Conducted in English.

**Note:** Cross-listed with AST 351.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 353. Chinese Literary Theory**

**Description:** Discussion of Chinese views of the function of poetry and literature, ancient Chinese aesthetics, and modern literary politics. Conducted in English.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CHST 361. Western Literature in China**

**Term Typically Offered:** Occasionally Offered

**Description:** Discussion of the tradition of Chinese translation of foreign authors beginning in the late 19th century and its impact on Chinese literature, culture and society, with Katherine Mansfield, Mark Twain, Ernest Hemingway, James Joyce and others as examples. Conducted in English.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**3 Units**

**3 Units**

**3 Units**

**3 Units**

## Civil and Environmental Engineering (CEE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**CEE 205. Mechanics I: Statics**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ENGR 101 and PHYS 298.

**Description:** Apply fundamental concepts of statics to examine forces, equilibrium, friction, centroids and moments of inertia, to analyze and solve engineering problems. Both vector and scalar methodologies are used.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>CEE 254. Mechanics of Solids</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> CEE 205.  <b>Description:</b> Analysis of deformable engineered members subjected to concentric, flexural, torsion, and combined loading. Examination of statically determinate and indeterminate systems to analyze and design engineering structures.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CEE 289. Civil and Environmental Engineering Cooperative Education I</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 288.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Full-time technical work experience related to the student's academic program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>CEE 255. Mechanics of Materials Laboratory</b>  <b>Term Typically Offered:</b> Fall Only  <b>Corequisite(s):</b> CEE 254.  <b>Description:</b> A materials testing laboratory in which the properties of materials such as wood and steel are evaluated. Performances of tension, compression, shear, bending, and torsion tests on various specimens. Experimental determination of stresses. CEE majors.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>CEE 309. Introduction to Environmental Engineering</b>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> CHEM 201 and PHYS 298.  <b>Description:</b> This course is intended as an introduction to the basic science and engineering principles that are involved in assessment of environmental quality, in understanding environmental processes and in developing solutions to environmental problems.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CEE 260. Civil Engineering Field Measurements</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ENGR 110; restricted to CEE majors.  <b>Corequisite(s):</b> CEE 261.  <b>Description:</b> Focus is on plane surveying, including the use and care of surveying instruments for laying out engineered facilities. Use of proprietary Computer-Aided Engineering software is introduced.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>CEE 322. Structural Analysis</b>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> CEE 254.  <b>Description:</b> Classical approaches to analysis determinate and indeterminate structures, including trusses, beams, and frames are presented. Different methods are used to determine the internal forces and the deformation of these structural systems.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CEE 261. Civil Engineering Field Measurements Laboratory</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Restricted to Civil Engineering Majors.  <b>Corequisite(s):</b> CEE 260.  <b>Description:</b> Practical applications of plane surveying techniques, including the use and care of surveying instruments, and laying out engineered facilities are introduced.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>CEE 370. Engineering Hydraulics</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CEE 254 and ME 206.  <b>Description:</b> A study of the fundamental principles of hydraulics, including fluid statics, kinematics, and dynamics. Application of basic concepts and principles to fluid flow through pipes, open channels, turbo machines, and flow measurement.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CEE 288. Civil and Environmental Engineering Cooperative Education Seminar</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 205, CHEM 201, ENGL 101, ENGR 102, ENGR 110, student must be in Good Standing with GPA of 2.25 or higher.  <b>Description:</b> Discussion of the policies and procedures for cooperative education and instruction in self-directed job search techniques, including interviewing skills, resume preparation, and guidelines for the co-op report. This is a prerequisite for each cooperative education term.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0 Units</b></p>	<p><b>CEE 371. Engineering Hydraulics Lab</b>  <b>Term Typically Offered:</b> Spring Only  <b>Corequisite(s):</b> CEE 370.  <b>Description:</b> A hydraulic experimental laboratory in which the static and dynamic properties of fluids are evaluated. Experimental determination of fluid properties, fluid behavior, and the flow dynamics including flowrates and forces.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>

<p><b>CEE 389. Civil and Environmental Engineering Cooperative Education II</b> <span style="float: right;"><b>1 Unit</b></span></p> <p><b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 289.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Full-time technical work experience related to the student's academic program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>CEE 450. Geomechanics</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> CEE 370, GEOS 301.  <b>Description:</b> Application of mechanical principles to the behavior of soil masses. Soil mineralogy; hydraulic behavior; consolidation theory and settlement analyses; shear strength.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>CEE 401. Civil Engineering Professional Practice</b> <span style="float: right;"><b>2 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Admission to the CEE Department.  <b>Description:</b> Professional practices, issues relating to effective communication skills (written and oral) and engineering ethics are emphasized. The course includes simulations and presentations by legal and engineering practitioners.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>CEE 451. Geomechanics Laboratory</b> <span style="float: right;"><b>1 Unit</b></span></p> <p><b>Term Typically Offered:</b> Fall Only  <b>Corequisite(s):</b> CEE 450.  <b>Description:</b> Laboratory measurement of soil properties including index properties, permeability, compressibility, and shear strength.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>CEE 405. Practicum in Civil and Environmental Engineering Education</b> <span style="float: right;"><b>1 Unit</b></span></p> <p><b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> CEE 205, consent of the instructor.  <b>Description:</b> A guided learning experience in inquiry-based instructional techniques and best practices in STEM education that includes a field experience as an undergraduate teaching assistant. Permission to enroll required.  <b>Note:</b> May be repeated for a maximum of 3 credit hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>CEE 452. Foundation Engineering</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CEE 450.  <b>Description:</b> Character of natural soil deposits. Subsurface exploration and testing. Foundation types, limitations. Bearing capacity and settlement analyses. Design of foundations.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>CEE 421. Fundamentals of Concrete Design</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CEE 322.  <b>Description:</b> Introduction to concrete design specifications (ACI); the design of structural systems in concrete, slabs, buildings, and frames.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>CEE 460. Transportation Systems Engineering</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CEE 260 and first-year professional school standing.  <b>Description:</b> A study of the planning, design, implementation, and evaluation of transportation systems across the modes. Issues of legislation, regulation, and funding are also examined.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>CEE 422. Fundamentals of Steel Design</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> CEE 322.  <b>Description:</b> Introduction to the AISC LRFD steel design specification. Design of steel tension members, beams, columns, beam-columns, and connections.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>CEE 470. Surface Water Hydrology</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> CEE 370.  <b>Description:</b> Hydrologic cycle, rainfall, rainfall abstractions including infiltration theory, and runoff. Unit hydrograph theory and its application in runoff computation from watersheds. Statistical applications in hydrology including frequency analysis, flood routing and hydrologic engineering and design.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>CEE 471. Water Supply and Sewerage</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CEE 470.  <b>Description:</b> Quantity of water and sewage; collection and distribution of water supplies; quality of water supplies; characteristics of sewage and disposal; principles and design of processes for preliminary, primary and secondary treatment of water supplies and sewage including screening, clarification and filtration; and stormwater management.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>CEE 471. Water Supply and Sewerage</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CEE 470.  <b>Description:</b> Quantity of water and sewage; collection and distribution of water supplies; quality of water supplies; characteristics of sewage and disposal; principles and design of processes for preliminary, primary and secondary treatment of water supplies and sewage including screening, clarification and filtration; and stormwater management.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**CEE 480. Civil & Environmental Engineering Capstone Design - CUE**

**3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** CEE 422 and CEE 460.

**Corequisite(s):** CEE 421, CEE 452, and CEE 471.

**Description:** An introduction to integrated civil engineering design, incorporating aspects of geotechnical, structural, transportation, and water resources engineering into a more comprehensive design project.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 489. Civil Engineering Cooperative Education III**

**1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 288 and CEE 389.

**Fee:** An additional \$300.00 is charged for this course.

**Description:** Full-time technical work experience related to the student's academic program.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 503. Fundamentals of Engineering Exam Review**

**2 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** 4th-year standing.

**Description:** Review of topics covered on eight-hour NCEES Fundamentals of Engineering examination. Not to be counted towards meeting the requirements for a degree.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 520. Design of Structural Systems**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 421, CEE 422, and CEE 452.

**Description:** Introduction to the design of structural systems. Model building codes. Material, structural system and foundation system selection. Design of connections. Economic, detailing constructability and erection issues. Preparation of engineering drawings. Review of shop drawing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 522. Fundamentals of Prestressed Concrete**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 322 and CEE 421.

**Description:** Introduction to pre-tensioned and post-tensioned prestressed concrete. Design of precast concrete slabs, buildings, and bridges in accordance with ACI specifications and the Prestressed Concrete Institute (PCI) recommended practices. Application of computer programs for member analysis and design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 523. Timber Design**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 254 or consent of instructor.

**Description:** Concepts of Structural Timber design will be taught. The properties of wood materials will be reviewed and the procedures for the design of typical timber components will be presented. In addition to course assignments, and tests, required of all students, students taking this course for graduate credit will be required to complete a group design of a simple building.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 530. Construction Materials**

**3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** CEE 254 and CEE 255.

**Description:** Properties of construction materials such as cement, concrete, asphalt, and structural elastomers. Design of Portland cement concrete and asphaltic concrete mixes.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 532. Experimental Stress Analysis**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 530.

**Description:** Fundamentals of experimental stress analysis, brittle coating, photoelastic coating, and electrical strain gage techniques, strain measurements under static and dynamic loading.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 552. Earth Pressures and Retaining Structures**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 450.

**Description:** Earth pressure calculation: theory and practice. Design techniques for retaining walls, reinforced earth and soil nailing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CEE 560. Traffic Engineering**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CEE 460.

**Description:** Examines characteristics of the vehicle, the driver, and the traffic stream. Highway and intersection capacity, theory of traffic flow, parking, traffic safety.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>CEE 562. Geometric Design of Highways</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> CEE 460.  <b>Description:</b> The concepts of geometric design for rural and urban highways, utilizing proprietary design software are introduced and applied.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CEE 572. Open Channel Hydraulics</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 370.  <b>Description:</b> Application of basic principles of hydraulics to open channel flow. Theory and analysis of critical, uniform and gradually varied flow and computer analysis. Select topics in rapidly varied and unsteady flow.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CEE 563. GPS Theory and Application</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 460.  <b>Description:</b> This course is designed to give the student an overview of the use of Global Positioning Systems in surveying and engineering applications. Elements of coordinate systems, map projections, GPS principles of operation, mapping, boundary, and construction surveys will be covered.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CEE 573. Groundwater Hydrology</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> CEE 450 and CEE 470.  <b>Description:</b> Fundamental concepts of fluid flow and soil properties; theory of groundwater movement; mechanics of well flow; groundwater contaminant transport.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CEE 565. GIS Applications to Transportation</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 460.  <b>Description:</b> Introduces an overview and application of current methods of implementing GIS solutions to highway data analysis and planning studies.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CEE 590. Current Topics in Civil Engineering</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> An examination of one or more topics in Civil Engineering. Details announced each semester.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1-4 Units</b></p>
<p><b>CEE 570. Applied Hydraulics</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 572.  <b>Description:</b> Application of basic principles of hydraulic engineering to analysis of flow in floodways, through bridge openings, culverts, and spillways. Analysis of stable channel design is also considered. Commonly used computer programs are utilized to design structures in floodways.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>Commercial Law (CLAW)</b>                      Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>).                       500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.</p>	
<p><b>CEE 571. Applied Hydrology</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CEE 470.  <b>Description:</b> Introduction to hydrologic systems; modeling runoff from watersheds using lumped and distributed methods; stormwater management and design; hydrologic and hydraulic routing including kinematic wave routing; computer rainfall-runoff simulation models. A hydrologic design project will be assigned to all students; special assignments dealing with hydrologic processes will be assigned to MS degree students.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>Course Fees</b>                      Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<a href="http://louisville.edu/bursar/tuitionfee/">http://louisville.edu/bursar/tuitionfee/</a>).</p>	
		<p><b>CLAW 301. Legal Environment of Business</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Admission to the College of Business.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> An introduction to the American legal and judicial system, with particular emphasis on the relationship of the law to business activities. A study of the developments of the law and the operation of the judicial system. Emphasis will be placed on the impact that government regulations and certain areas of the Uniform Commercial Code have on business.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

**CLAW 490. Special Topics in Commercial Law** 1-4 Units  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CLAW 301 and Senior standing.  
**Description:** A variety of contemporary topics in law as they relate to business will be studied. Course content may vary each semester but will not duplicate other course offerings.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Communication (COMM)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**COMM 111. Introduction to Public Speaking - OC** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Training in fundamental processes and attributes of effective public speaking.  
**Note:** Credit may not be received for this course and COMM 112.  
**Note:** Does not count toward communication major.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 112. Business and Professional Speaking - OC** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Develops theoretical and applied material concerning communication practices appropriate to business and professional settings.  
**Note:** Credit may not be received for this course and COMM 111.  
**Note:** Does not count toward Communication major.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 115. Interpersonal Skills - OC** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Training in basic processes and skills of face-to-face interaction. Emphasis on developing language, nonverbal, and conflict management skills.  
**Note:** Does not count toward Communication major.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 201. Introduction to Communication - SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Introduction to basic concepts of communication discipline. Focuses on communication processes in interpersonal, small groups, organizations, and mass media.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 222. American Media History - D1, SB** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** This course is designed to highlight the people and the technological, economic, political, and social trends involved in our rapidly changing media environment. We will look specifically at how media of information, persuasion, and entertainment have evolved from the mechanical devices that the colonists used, to steam-powered and then electrical media of the nineteenth and twentieth centuries, and finally to today's ubiquitous digital media.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 238. Introduction to Film Production** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Fee:** An additional \$90.00 is charged for this course.  
**Description:** Hands-on class designed to introduce students to the many facets of film production including visual, sound, writing, and representational strategies.  
**Note:** Students may not receive credit for this course and for COMM 335.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 275. African-American Communication - D1, SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Study of various dimensions of communication pertaining specifically to African Americans. Communication patterns within the African-American community as well as communication patterns about that community are analyzed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 301. Special Topics in Communication** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** COMM 201.  
**Description:** Investigation of topics not offered in regular courses.  
**Note:** Topics vary.  
**Note:** May be repeated.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 302. Advanced Speech Communication** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** COMM 111 or COMM 112 or COMM 115 or HON 214.  
**Description:** Advanced principles and techniques of effective public speaking.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>COMM 303. Introduction to Communication Technologies</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201 or permission of instructor.  <b>Description:</b> Students learn about communication technologies in contemporary society, explore the various contexts in which these technologies are used, and apply theoretical perspectives to the use of these technologies.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>COMM 313. Organizational Communication</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Surveys recent theory and research dealing with the roles and effects of communication in complex organizations.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>COMM 304. Argument In Everyday Life</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Surveys theory and practice related to the creation and analysis of arguments in public communication. Topics include argument structure, evidence, types and limitations of inferences, and the adaptation of messages to particular contexts.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>COMM 315. Introduction to Interpersonal Communication</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Study of communication principles as they apply in everyday life. Applying social conventions as guides for effective communication.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>COMM 305. Introduction to Mass Communication</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Survey of media institutions and effects.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>COMM 316. Research Methods</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Introduction to basic research methods of communication discipline. Examines relationship of theory and methods, research design, and measurement in communication contexts.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>COMM 310. Business Communication</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Overview of the scope and importance of communication in business, and the development of business communication skills students will employ throughout their professional careers.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>COMM 317. Communication Internship</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> 2.  <b>Description:</b> 5 GPA overall and faculty consent. Practical experience in communication-related employment.  <b>Note:</b> Contact department for application procedures and guidelines.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>COMM 311. Persuasion</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Junior standing.  <b>Description:</b> Theory and practice of social influence; discusses relationships between the idea of persuasion and broader theories of communication and human behavior.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>COMM 319. Debate</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 111 or COMM 112 or COMM 115 or faculty consent.  <b>Description:</b> Principles and techniques of preparing evidence and of persuasive speaking before critical listeners.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>COMM 312. Group Process</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Studies communication processes in group settings; emphasizes empirical research findings in leadership, interpersonal bargaining, and problems of group problem-solving.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>COMM 320. Newsriting - WR</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> Study and practice of news-writing and reporting techniques for routine news stories, including story organization, writing story leads, and the elements of hard news and feature journalism.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>COMM 321. Digital Journalism - WR</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> The study of journalism in a multimedia environment including reporting, video, blogging, and other online content work.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>COMM 326. African Americans in American Media</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> The evolution of the popular image of African Americans as reflected in the visual media of television and the cinema.  <b>Note:</b> Cross-listed with PAS 312.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>COMM 322. Sports Writing - WR</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> Students will study and practice writing and reporting techniques for sport events and become familiar with elements of journalism and story organization.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>COMM 327. Mass Media Processes and Effects</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Theory and research pertaining to the effects of various mass media. Topics include advertising, journalism, educational programming, violence, and pornography.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>COMM 323. Magazine and Feature Writing - WR</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> Introduction to practice and techniques of preparing articles for popular, specialized, and trade publication; attention to marketing and magazine makeup.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>COMM 328. Introduction to Urban Communication</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Theoretical and empirical approaches to the study of communication as it relates to the culture of urban communities, especially African Americans, Latinos, women, and marginalized groups. Emphasis is on cross-cultural relations, rhetoric and language, media, and educational organizations with special focus on understanding the role communication plays in shaping the identity of these communication groups.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>COMM 324. Communication and Gender</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> The course examines how gender identities, roles and norms have been structured within different modes of communication (e.g., interpersonal, mass media and institutional).  <b>Note:</b> Cross-listed with WGST 324.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>COMM 329. Marriage and Family Communication</b>  <b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Explores the diversity of marital and family systems. The course reviews the major theories, concepts and research findings in family communication.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>COMM 325. Communicating Hip-Hop Culture</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Analysis of rap music as a communicative force both within and about hip-hop culture. Topics of study include the origins, development, and participants of the culture with special emphasis on rap music as the primary vehicle of communication.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>COMM 333. Social Media, Mobile Technologies and Strategic Communications</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> COMM 201.  <b>Description:</b> Explores social media and other emerging technologies and how they influence communication practice in a variety of settings.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>COMM 335. Video Communication</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201 and COMM 305, or by permission of instructor.  <b>Fee:</b> An additional \$90.00 is charged for this course.  <b>Description:</b> Introduction to basic theory and practices with an emphasis on application of concepts in the development of news stories, advertisements, and other video projects.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>COMM 335. Video Communication</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> COMM 201 and COMM 305, or by permission of instructor.  <b>Fee:</b> An additional \$90.00 is charged for this course.  <b>Description:</b> Introduction to basic theory and practices with an emphasis on application of concepts in the development of news stories, advertisements, and other video projects.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

**COMM 336. Video Communication II** 3 Units  
**Term Typically Offered:** Fall, Summer  
**Prerequisite(s):** COMM 335 or equivalent.  
**Fee:** An additional \$90.00 is charged for this course.  
**Description:** Study of advanced principles of video production including producing, directing, shooting and non-linear editing, along with concepts and theories of aesthetics and video as a communication form.  
**Note:** Students who previously took COMM 461 - Advanced Video Communication should not take this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 337. Campus Media** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** COMM 320 or faculty consent.  
**Description:** The study and practice of finding news stories, reporting, and delivering content in multiple platforms. This course serves as an academic component in the weekly production of the campus newspaper.  
**Note:** Students who previously took COMM 301: Campus Media may not take this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 339. Fiction Film Production** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** COMM 335 or COMM 338.  
**Fee:** An additional \$90.00 is charged for this course.  
**Description:** Expanded understanding of the creative process and development of short narrative films.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 340. Storytelling with Data Visualization** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** this course introduces and explores visual thinking and its implications for visual communication design. Students will gain hands-on experience to create infographics and data visualization using visualization tools.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 342. Introduction to Strategic Communication** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** COMM 201 or MKT 301 or by permission of instructor.  
**Description:** Explores the various forms of persuasive communications employed in corporate, agency and nonprofit settings. Course content covers public relations, advertising, sales promotion, relationship marketing, direct marketing, database marketing, cyber marketing, globalization, and business ethics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 344. Strategic Communication Writing - WR** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** COMM 342 or MKT 301 or permission of instructor.  
**Description:** Skills for writing across the multiple media platforms and genres that are currently used in strategic communication campaigns.  
**Note:** Credit may not be earned for this course and for COMM 345 if taken prior to Summer 2012.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 346. Strategic Media Management** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** COMM 342.  
**Description:** Introduction to the planning process for managing messages across a variety of media. Media planning and media selection in advertising and public relations, and how media are integrated with broader strategic communication campaigns.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 348. Creativity in Advertising** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** COMM 342.  
**Description:** Study and practice of the creative process and the team dynamic in the development of advertising campaigns.  
**Note:** Cross-listed with ART 372.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 350. Introduction to Intercultural Communication - D2, SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** COMM 201.  
**Description:** Introduction to communication among people from different cultures and nation-states.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 360. Web Site Development** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Study and practice of producing and placing materials on the World Wide Web. Activities include creating, manipulating, and maintaining graphics, audio, and text documents.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 361. Web Site Development II** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** COMM 360 or equivalent.

**Description:** Study and use of common scripting languages used to create dynamic, interactive web sites. The scripting languages studied vary, but typically include both server-side and client-side languages. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 365. Special Topics in Communication Service Learning 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** COMM 201.

**Description:** Study of communication concepts and theories that will be applied in service learning field work.

**Note:** May be repeated under different subtitles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 370. Development, Design, and Digital Publishing 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to the creation and development of strategic communication materials from conception to completion. Uses a computerized environment to apply basic principles of effective and visual communication.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 380. Practicum 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** COMM 201 or faculty consent.

**Description:** Participation in supervised research.

**Note:** May not be taken simultaneously with COMM 480 OR COMM 481.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 401. Independent Study in Communication 1-6 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** 18 hours in Department, 3.0 GPA overall and 3.2 GPA in major.

**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice in Communication that is not included in regular courses in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 402. Independent Research in Communication - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** 18 hours in department, 90 total credit hours, 3.0 GPA overall and 3.2 GPA in major, and faculty consent.

**Description:** Integration of communication concepts and theories to study a contemporary issue or problem within the discipline.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 410. International Communication 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** COMM 305.

**Description:** Study of international communication systems; emphasis on foreign press, freedom of information, satellite communication, and programming patterns in cross-cultural settings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 411. Mass Communication Law 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** COMM 305.

**Description:** Study of media regulation by constitutional and governmental processes; includes review of legal decisions, role of federal agencies, and historical trends in media control.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 413. Environmental Communication - CUE 3 Units**

**Term Typically Offered:** Spring, Summer

**Prerequisite(s):** COMM 304 or instructor permission.

**Description:** Exploration of major discourses and antagonisms of environmental debates to better understand paradigms like conservationism, preservationism, sustainability, and environmental justice.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 417. Senior Communication Internship - CUE 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Senior standing, 2.5 GPA overall, and faculty consent.

**Description:** Practical experience in communication related employment and critical reflection on how communication concepts and knowledge are applied in the field.

**Note:** Contact department for application procedures and guidelines.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 422. Reality Television 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** COMM 305.

**Description:** Study of the various genres of reality television, its audiences, and the culture in which this programming is produced.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- COMM 427. Case Studies in Communication - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** 90 credit hours completed and COMM 316, or faculty consent.  
**Description:** Introduction to the case study method in communication on a topic relevant to the discipline.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 429. Documentary Production - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** 90 earned credit hours and COMM 335.  
**Description:** Exploration of story development, lighting, editing, and sound design as students gain hands-on experience creating short documentary films.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 430. Health Communication - WR, CUE** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** COMM 201 or consent of instructor.  
**Description:** Nature, function and importance of communication in health care delivery. Applies communication theory and skills to health contexts.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 432. Advanced Organizational Communication - WR** 3 Units  
**Prerequisite(s):** COMM 313.  
**Description:** In-depth view of theories of organizational communication, including assumptions, philosophies and methodologies that undergird and shape past and current research.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 433. Children and Television - WR** 3 Units  
**Prerequisite(s):** COMM 305 or faculty consent.  
**Description:** Explores ways television influences the attitudes, values, and behavior of children and adolescents. Special emphasis on critically analyzing theoretical and empirical literature on the effects of television on children.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 434. Global Media - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** COMM 201.  
**Description:** Study of the history of media globalization as well as the political, economic, and cultural problems and opportunities involved in the trend toward globalization and international information flow.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 435. Media, Culture and Society** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** COMM 305.  
**Description:** Advanced study of media culture; analytical and critical perspectives on the institutional and social dimensions of television, film, journalism, and popular music.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 436. Health Communication Campaign Planning - WR, CUE** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** COMM 305 or COMM 342 or permission of instructor.  
**Description:** An introduction to health campaign design and development including a discussion of how different media are used to impact health beliefs and behavioral decisions.  
**Note:** Approved for the Arts and Sciences Upper-Level Requirement in Written Communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- COMM 437. Mass Media and Close Relationships - CUE** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** COMM 315.  
**Description:** An introduction to the core principles, concepts, methods, and research findings related to the study of romance, sex, and friendship in the mass media.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 445. Strategic Communication Campaigns - CUE 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** COMM 342 or COMM 346 or permission of instructor.

**Description:** Critical and analytical thinking to develop effective communication campaigns that apply appropriate communication strategies and practices. Participation in a project that develops a comprehensive and integrated strategic communication campaign that addresses multiple audiences and key publics.

**Note:** Credit may not be earned for this course and for COMM 425 if taken prior to summer 2012.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 450. Advanced Intercultural Communication - CUE, WR 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** COMM 350 and 90 hours completed.

**Description:** Survey of theory and research pertaining to problems of cross-cultural communication, including cultural, national, ethnic, and racial divisions.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 460. Special Topics in Communication Studies 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** COMM 201.

**Description:** Investigation of topics not offered in regular courses.

**Note:** May be repeated up to 6 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 461. Special Topics in Mass Communication 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** COMM 201.

**Description:** Investigation of topics not offered in regular courses.

**Note:** May be repeated up to 6 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 463. Special Topics in Communication Studies - WR 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** COMM 201.

**Description:** Investigation of topics not offered in regular courses.

**Note:** May be repeated when topics vary.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 464. Special Topics in Communication - CUE 1-3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** 90 credit hours completed and COMM 316 or permission of instructor.

**Description:** Investigation of topics not offered in regular courses.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 465. Special Topics in Communication Service Learning - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** 90 credit hours and faculty consent.

**Description:** Study of Communication concepts and theories that will be applied in service learning field work.

**Note:** May be repeated under different subtitles.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 480. Senior Practicum 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** COMM 316 and faculty consent.

**Description:** Participation in supervised research.

**Note:** May not be taken simultaneously with COMM 380.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 481. Senior Practicum - CUE** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** 90 credit hours completed, COMM 316 and faculty consent.  
**Description:** Practical communication project and/or participation in supervised research. May not be taken simultaneously with COMM 380.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 498. Senior Thesis - CUE, WR** **3 Units**

**Prerequisite(s):** 90 credit hours completed and faculty consent.  
**Description:**  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 499. Senior Thesis - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior standing; admission to departmental honors program.  
**Description:**  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 505. Perspectives on Religion and Media - WR, CUE** **3 Units**

**Prerequisite(s):** COMM 305 and 90 credit hours completed.  
**Description:** Study of the history and meaning of mediated religious communication, focusing on journalism and strategic communication.  
**Note:** Approval for the Arts & Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 506. Ethical Problems in Communication - CUE, WR** **3 Units**

**Prerequisite(s):** COMM 305 and 90 credit hours completed.  
**Description:** Examines the moral and ethical problems posed by communication practices. Topics include case studies in interpersonal communication, journalism, public relations, and advertising.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 510. Special Topics in Communication Studies** **1-3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Faculty consent.  
**Description:** Advanced study in specific areas of Communication Studies.  
**Note:** May be repeated under different subtitles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 512. Rhetoric from Aristotle to #Twitter - CUE, WR** **3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** COMM 304 or consent from instructor.  
**Description:** Studies rhetorical methods and theories for criticism of persuasive texts. Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 513. History of Communication - WR** **3 Units**

**Description:** Examination of the history of communication both as a set of practices and as a subject of academic inquiry.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 520. Computer-Mediated Communication - WR** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** Conceptual analysis and practical use of computer networks with an emphasis on the social and cultural dimensions of this type of human communication.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 530. Science Communication 3 Units**

**Description:** The course examines the conceptual foundations and practices of science communication. It examines the institutional and intellectual contexts of science communication as well as the scientific constraints on science communication.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 531. Political Communication 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** COMM 305 or permission of instructor.

**Description:** Study of communication as a vital part of democracy, informing citizens and shaping public policy. Course examines political communication messages from both the electorate and campaign practitioner perspectives.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 538. Intimate Communication - WR 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** COMM 201 or consent from instructor.

**Description:** Explores communication issues in intimate personal relationships.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 540. Public Communication Campaigns 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Drawing upon emerging new theories and empirical studies on influencing audiences, this course examines mediated public communication campaigns.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 555. Persuasive Movements 3 Units**

**Description:** Seminar focuses upon the role of persuasion and rhetoric in the formation and lifespan of social movements.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 565. Special Topics in Communication Service Learning - CUE 3 Units**

**Prerequisite(s):** Faculty consent.

**Description:** Study of communication concepts and theories that will be applied in service learning field work.

**Note:** May be repeated up to six hours under different subtitles.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 580. Interpersonal Communication 3 Units**

**Description:** Study of communication in everyday life, including casual conversation and interaction among acquaintances.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**COMM 590. Health Communication 3 Units**

**Prerequisite(s):** Consent of instructor.

**Description:** Studies the nature, function, and importance of communication in the delivery of health care, and/or medical knowledge.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Communicative Disorders (CMDS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CMDS 405. Introduction to Audiological Techniques and Rehabilitation 3 Units**

**Term Typically Offered:** Fall Only

**Description:** This course provides an introduction to the evaluation, screening and habilitation/rehabilitation of adults and children with hearing impairment. Topics include tests of auditory function, effects of auditory pathology, and amplification.

**Note:** Cross-listed with AUDI 605.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 430. Aural Rehabilitation for the Speech-Language Pathologist 3 Units**

**Term Typically Offered:** Spring Only

**Description:** This course provides an overview of the various hearing impaired habilitative/rehabilitative programs/techniques for pediatric through geriatric populations. Topics may include: speech/language development for children with impaired hearing; physiology and psychosocial impact of hearing loss in older adulthood; cochlear implants; educational management for children with impaired hearing; an overview of hearing aids; and assistive listening devices.

**Note:** Cross-listed with CMDS 630.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 463. Clinical Phonetics 3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Must be at least a Junior or Senior undergraduate student to register.

**Description:** The International Phonetic Alphabet and other symbol systems are utilized in transcription of speech sounds. A description of speech sounds in terms of acoustics and physiologic dimensions. Special emphasis on speech disorders and dialects.

**Note:** Cross-listed with CMDS 563.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 464. Normal Speech and Language Development 4 Units**

**Term Typically Offered:** Spring Only  
**Description:** Reviews normal development of language and speech across the lifespan including syntax, semantics, morphology, pragmatics, and phonology. An overview of dialectical, cultural, and bilingual aspects are discussed as well as basic language sampling and analysis procedures.

**Note:** Cross-listed with CMDS 564.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 470. Clinical Observation in Speech Pathology and Audiology 1 Unit**

**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Restricted to graduate students only.  
**Description:** Observations in speech pathology and audiology. Additional observations may be assigned to introduce students to the variety of practicum opportunities available in the program.

**Note:** Cross-listed with CMDS 570.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 471. Functional Neuroanatomy 3 Units**

**Term Typically Offered:** Fall Only  
**Description:** An overview of general neuroanatomy and neuroanatomical principles applied to communication and communicative disorders including hearing, speech, language, cognition, swallowing, and emotion.

**Note:** Cross-listed with CMDS 571.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 474. Multicultural Issues in Communicative Disorders 3 Units**

**Term Typically Offered:** Fall Only  
**Description:** This course provides students with an overview of the impact of culture and cultural variation on language and communication. Students will: develop a foundational understanding of cultural-linguistic diversity; apply such principles to clinical processes; and improve their overall cultural competence in communication sciences/disorders.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 563. Clinical Phonetics 3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Must be at least a Junior or Senior undergraduate student to register.

**Description:** The International Phonetic Alphabet and other symbol systems are utilized in transcription of speech sounds. A description of speech sounds in terms of acoustics and physiologic dimensions. Special emphasis on speech disorders and dialects.

**Note:** Cross-listed with CMDS 463.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 564. Normal Speech and Language Development 4 Units**

**Term Typically Offered:** Spring Only  
**Description:** Reviews normal development of language and speech across the lifespan including syntax, semantics, morphology, pragmatics, and phonology. An overview of dialectical, cultural, and bilingual aspects are discussed as well as basic language sampling and analysis procedures.

**Note:** Cross-listed with CMDS 464.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 570. Clinical Observation in Speech Pathology and Audiology 1 Unit**

**Grading Basis:** Pass/Fail  
**Prerequisite(s):** Restricted to graduate students only.  
**Description:** Observations in speech pathology and audiology. Additional observations may be assigned to introduce students to the variety of practicum opportunities available in the program.

**Note:** Cross-listed with CMDS 470.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 571. Functional Neuroanatomy 3 Units**

**Term Typically Offered:** Fall Only  
**Description:** An overview of general neuroanatomy and neuroanatomical principles applied to communication and communicative disorders including hearing, speech, language, cognition, swallowing, and emotion.

**Note:** Cross-listed with CMDS 471.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 572. Anatomy and Physiology for Communication Sciences 4 Units**

**Prerequisite(s):** Restricted to graduate students only.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** Structure and function of speech, auditory/vestibular mechanisms. Includes neuroanatomy and neurophysiology of communication. Emphasis on clinical applications. Dissection of human cadaver material.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CMDS 574. Multicultural Issues in Communicative Disorders** 3 Units  
**Term Typically Offered:** Fall Only

**Description:** An overview of the research arena as applied to communication disorders. Techniques and applications of literature review, research design, statistical methods, and effective writing will be covered.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Computer Science and Engineering (CSE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CSE 101. Bachelor of Arts in Computer Science Campus Culture Experience** 1 Unit

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the BACS program.

**Description:** This is a one hour required campus culture course that takes place in the first semester the student is enrolled in the Bachelor of Arts in Computer Science program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 110. Mathematical Foundations for Computer Science** 3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Math 180 or equivalent.

**Description:** The course covers mathematical and statistical concepts necessary for design and analysis of computer algorithms as well as developing system performance models, but visiting selected topics from number theory, vectors and matrices, combinatorics, probability, and statistics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 120. Introduction to Programming with Python** 3 Units

**Term Typically Offered:** Fall, Summer

**Description:** This course presents a hands-on approach to learning Python programming. It will contain topics including basic syntax, algorithms and program development, functions, arrays and vectors, lists and dictionaries, strings, files, object-oriented programming, and practical problem solutions and applications.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 130. Introduction to Programming Languages** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to programming languages with emphasis on C and C++, and a brief introduction to Java. It includes laboratory exercises on the writing and compiling computer programs in C, C++, and Java.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 220. Object Oriented Program Design with Java** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CSE 130.

**Description:** Introduction to Object Oriented Program design principal concepts and program development using Java programming language. It includes laboratory exercises on the design and implementation of computer applications in Java.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 235. Computer Systems and Organization** 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CSE 110, CSE 130.

**Description:** This course provides an introduction to the fundamental concepts of computer systems by exploring how computer systems execute programs and manipulate data, working from the C programming language down to the microprocessor. Topics covered include a tour of computer systems and hardware, advanced C programming techniques necessary to implement computer systems, data representation and manipulation techniques, and machine-level representations of programs in assembly language.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 288. Computer Engineering and Computer Science Cooperative Education Seminar** 0 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CHEM 201, ENGL 101, ENGR 102, ENGR 110, PHYS 298, student must be in Good Standing with GPA of 2.25 or higher; CSE 220, CSE 302.

**Corequisite(s):** CSE 220, CSE 302.

**Description:** Discussion of the policies and procedures for cooperative education and instruction in self-directed job search techniques, including interviewing skills, resume preparation, and guidelines for the co-op report. This is a prerequisite for each cooperative education term.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 289. Computer Science and Engineering Cooperative Education I****1 Unit****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** CSE 288 and CSE 302.**Fee:** An additional \$300.00 is charged for this course.**Description:** Full-time technical work experience related to the student's academic program.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 298. Internship Education Seminar (BACS)****0 Units****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall Only**Prerequisite(s):** CSE 110, CSE 120, and CSE 130.**Description:** This is a zero credit hour required career development course that takes place before the first internship term.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 299. Internship I****1 Unit****Grading Basis:** Pass/Fail**Term Typically Offered:** Summer Only**Prerequisite(s):** CSE 298, CSE 302, and CSE 335.**Description:** Full-time technical work experience related to the student's Bachelor of Arts in Computer Science (BACS) program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 302. Data Structures****3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** CSE 130.**Description:** Study of information representations and relationship between the form of representation and processing techniques. Transformations between storage media. Referencing of information as related to the structure of its representation and implications for the design of the referencing language. Engineering applications and associated designs are used to illustrate different structures.**Note:** Enrollment restricted to CSE students only.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 310. Discrete Structures****3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** Engineering applications using computer structures including algebraic computational structures, finite state machines, relational structures, propositional logic, trees, graphs, groups, machine equivalence, introduction to formal grammar. Applications of these structures to engineering problems including fluid flow, communication systems, artificial intelligence, digital logic, and algorithm evaluation. A written report is required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 311. Ethics, Social, and Legal Aspects on the Electronic Frontier****3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Third-year standing.**Description:** Examination of the legal, social and ethical issues associated with electronic information dissemination and manipulation with a focus on computer systems and networks. Topics include current issues and controversies that put the needs and desires of one group against those of other groups, including business, governmental and social interests. Students will be required to complete papers on the topics discussed and participate in class discussions. Technical writing and oral presentations are required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 335. Introduction to Database****3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** CSE 302 or concurrently.**Description:** This course is intended as an introduction to database management and programming for Computer Science students, both majors in the BS and BA degrees and minors. It covers the basics of SQL for database creation and querying, including procedural extensions and language binding for database access through applications, and an introduction to database design.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 350. Introduction to Software Engineering****3 Units****Term Typically Offered:** Fall, Summer**Prerequisite(s):** CSE 220 and CSE 302.**Description:** Software engineering is an engineered discipline in which the aim is the production of software products, delivered on time and within a set budget, that satisfy the clients needs. It covers all aspects of software production ranging from the early stage of product concept to design and implementation to post-delivery maintenance. This course introduces the major concepts, techniques, and tools of software engineering so that students can prepare for their future IT and software careers. Moreover, through group curated projects, students can obtain hands-on experiences on entire phases and work-flow of the software process.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 389. Computer Science and Engineering Cooperative Education II****1 Unit****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** CSE 289.**Fee:** An additional \$300.00 is charged for this course.**Description:** Full-time technical work experience related to the student's academic program.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CSE 390. Special Topics in Undergraduate Computer Science and Engineering** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Consent of instructor.  
**Description:** Devoted to undergraduate topics which usually are not treated in detail in the general courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 393. Independent Study in Computer Engineering and Computer Science** 1-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 399. Internship II** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CSE 299.  
**Description:** Full time technical work experience related to the student's BACS program.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 412. Introduction to Embedded Systems** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 210 and Junior standing, or faculty consent.  
**Description:** Introduction to embedded systems; assembly language programming, parallel and serial data transfer; polling, interrupts, and servicing of interrupts; software and hardware timing; analog-to-digital and digital-to- analog conversion. Laboratory projects on interfacing, system design, and implementation.  
**Note:** Cross-listed with ECE 412.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 419. Introduction to Algorithms** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CSE 302 and CSE 310.  
**Description:** This course covers an introduction to algorithms, spanning topics ranging from computational complexity to advanced tree and graph algorithms.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 420. Design of Operating Systems** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CSE 302 or equivalent.  
**Description:** The course is designed to cover basic concepts of operating systems design and implementation including processes management, memory management, input/output and file management, storage management, distributed systems, and security.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 470. Mobile Device Programming** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CSE 220 or equivalent.  
**Description:** This course covers the basic concepts in designing and implementing applications running on Apple's IOS and Google's Android operating systems.  
**Note:** Formerly CSE 570.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 489. Computer Engineering and Computer Science Cooperative Education III** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CSE 389.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 496. BACS Capstone Design - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior Standing.  
**Description:** Prerequisites or corequisites: CSE 350, CSE 420. This course requires solving a real-world design problem in computer science. It uses software design methods and tools learned in previous coursework emphasizing teamwork, written and oral communication.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CSE 503. Survey of Computer Engineering and Computer Science** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CSE 130.  
**Description:** Introduction to foundations of computer engineering and computer science for non-majors. Emphasis on C++ programming language, data structures and algorithms, and operating systems fundamentals. This course cannot be used to meet degree requirements for any CECS/CS/CSE degree.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>CSE 504. Automata Theory</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> CSE 310.  <b>Description:</b> Finite state machines and their application to engineering problems including modeling the behavior of discrete systems. Topics include theory of computing, formal language theory, and applications of cellular automata. Engineering models of digital computer hardware are covered and related to software design.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CSE 525. Microcomputer Design</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ECE 412 or CSE 412 or consent of instructor.  <b>Description:</b> Design and construction of microcomputers with microprocessors and digital integrated circuits. Breadboarding, hardware design, and software design are emphasized. The class is separated into groups, and each group designs, breadboards, and tests a complete microcomputer system, including interfaces to peripheral devices.  <b>Note:</b> Cross-listed with ECE 516.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>
<p><b>CSE 506. Modeling and Analysis of Engineering Systems</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGR 330.  <b>Description:</b> Representation of engineering systems, Fourier analysis, z-transforms, frequency response, state-space analysis, stability, an introduction to the basic theory of filter design, and demonstrated concepts to CAS.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CSE 528. Game Design and Programming</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> CSE 302.  <b>Description:</b> This course will provide an overview of Multimedia and Game programming, and teach basic computer game design techniques using state-of-the-art game engines.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CSE 510. Computer Design</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ECE 210.  <b>Corequisite(s):</b> ECE 511.  <b>Description:</b> Review of logic design and elementary computer organization. Design of the central processing unit, memory, control, and input-output portions of a computer. The VHDL hardware design language will be used.  <b>Note:</b> Cross-listed with ECE 510.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CSE 530. Design of Compilers</b>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> CSE 420.  <b>Description:</b> Engineering descriptions of algorithmic language. Study of syntax, semantics, ambiguities, procedures, replication, iterations, and recursion in the language. Engineering design of a compiler.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CSE 516. Fundamentals of Computer Communications and Networks</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ECE 360 or IE 360, and CSE 412.  <b>Description:</b> Data communications: The exchange of data between devices is covered. The key aspects of transmission interfacing, link control, and multiplexing are examined. Data communication networking: Examines the internal mechanisms by which communication networks provide a data transfer service for attached devices.  <b>Note:</b> Cross-listed with ECE 518.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CSE 535. Database Systems</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> CSE 302 or equivalent.  <b>Description:</b> Course covers basics of database design, SQL, query processing, and optimization, transactions. The emphasis will be placed on Engineering design and implementation of relational systems. A written project is required.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>CSE 522. Performance Evaluation of Computer Systems</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> IE 360 and CSE 420.  <b>Description:</b> A study of approaches to the evaluation of computer systems. Measurement techniques and evaluation techniques are treated in detail with attention to existing commercial hardware and software monitors and simulators.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>CSE 536. Data Management and Analysis</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> The goal of the course is to teach, to the students who are not Computer Science majors, the basic skills needed to organize, assess and analyze data sets. The course discusses a variety of tools (file systems, database systems, and the R environment) as well as a series of basic tasks, from generating metadata to basic filtering, organizing and enrichment of data sets. This course contributes to develop analysis, modeling and problem-solving skills.  <b>Note:</b> This course is intended for non-CSE majors.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

**CSE 540. Object Oriented Information Technology 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Graduate standing.

**Description:** Survey of design and development of object oriented software. Software architectures, development environments, graphical user interfaces, and networks of distributed objects. Software design project required.

**Note:** CSE students cannot receive credit for CSE 440 and 540.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 542. Computer Control and Real Time Programming 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECE 412 or CSE 412.

**Description:** Programmable Logic Controllers, Human Machine interfaces, SCADA, state machines, sensors, and actuators. Study of industrial algorithms, open/closed loop real-time control, and schematics.

**Note:** Previously cross-listed with ECE 517.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 545. Artificial Intelligence 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CSE 302 and CSE 310.

**Description:** This course introduces the use of predicate calculus logic, heuristic search, and knowledge representations for solving engineering and computer science problems. The course includes coverage of rule-based expert systems, intelligent agents, and machine learning.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 550. Software Engineering 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** CSE 420.

**Description:** Engineering methods applied to the life-cycle issues in the team-oriented development of large software systems including issues of software processes, metrics, testing and quality. Documentation of the project and an oral presentation are required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 563. Experimental Design in Engineering 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** IE 360.

**Description:** Design of engineering experiments and projects using theory of least squares, analysis of variance and co-variance, randomized blocks, Latin squares, factorial experiments and associated topics.

Engineering design problems using SAS or equivalent software packages.

**Note:** Cross-listed with IE 563.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 564. Introduction to Cryptography 3 Units**

**Term Typically Offered:** Summer Only

**Prerequisite(s):** CSE 310 and IE 360.

**Description:** This course gives a historical introduction to cryptology and the science of secret codes. The first part covers substitution ciphers, transposition codes, Vigenere cipher and more complex polyalphabetic substitutions including those created by rotor machines. The second part describes bit block cipher schemes such as Data Encryption Standard (DES). Public key encryption is the subject of the final part including RSA, Knapsack codes, and Diffie-Hellman key exchange.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 566. Information Security 3 Units**

**Term Typically Offered:** Summer Only

**Prerequisite(s):** CSE 311 and CSE 420.

**Description:** Technical, legal and policy issues associated with information security. Authentication, trusted computer systems, information encryption, biometrics, computer forensics, and privacy issues. Written and verbal reports are required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 568. Computer Forensics 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CSE 311, CSE 420, and CSE 566, or consent of instructor.

**Description:** Course examines legal, legal, administrative, technical and scientific issues in computer forensics, network forensics, information security and trusted systems. Course requires class participation, lab work, team projects, writing and oral presentations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 590. Special Topics in Computer Science and Engineering 1-6 Units**

**Term Typically Offered:** Spring Only

**Description:** Devoted to topics which usually are not treated in detail in the general courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 593. Independent Study in Computer Science and Engineering 1-6 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.

**Note:** Chair Approval is required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CSE 596. CSE Capstone Design - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Senior Standing, CSE 350, CSE 525 (or concurrently).**Description:** This course requires solving a real-world design problem in computer engineering. It uses hardware and software design methods and tools learned in previous coursework emphasizing teamwork, written and oral communication.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Computer Information Systems (CIS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CIS 150. Fundamentals of Information Systems 3 Units****Term Typically Offered:** Fall, Spring**Description:** This course provides an overview of contemporary information systems, and how they are used in organizations. It presents an introduction to the discipline of CIS and how information systems can be used to create competitive advantage. Topics include application/web development, including the system development life cycle, information security, business process management, and emerging technologies. Students will develop basic web sites including the use of HTML, CSS, and Javascript.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 199. Software Development I 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** CIS 150 (or concurrent).**Description:** This course introduces object-oriented concepts such as the use of classes, methods, encapsulation, and inheritance. The course concentrates on using object-oriented programming to solve simple problems involving input and output. Computer lab sessions are used to reinforce programming concepts. Extensive programming assignments are required.**Note:** Restricted to College of Business BSBA majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 200. Software Development II 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** CIS 199.**Description:** This course emphasizes object-oriented software development. Students study the object model and apply it to systems development problems. Topics include polymorphism, inheritance, and object interaction. Event-driven programming of graphical user interfaces is introduced. Application areas may include data structures, searching, sorting, and databases. Extensive programming assignments are required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 201. Introduction to Web Programming 6 Units****Prerequisite(s):** CIS 100 or CIS 250 (grade of C or better); MATH 107 (grade of C or better).**Description:** This course provides an introduction to Web technologies and effective Web site design, implementation, and maintenance. The architecture of the Web, the use of the Web for sharing data, and models for using the Web to conduct business are explored. Students learn the fundamentals of web site design using languages such as HTML, JavaScript, and XML. Students become proficient in developing web sites for their own use. Additionally, this course introduces object-oriented programming using Java. Students learn the fundamentals of the object model, including the use of classes and encapsulation. The course concentrates on algorithmic development, with emphasis on sound techniques for designing, coding, debugging and documenting programs. Computer lab sessions are used to reinforce programming concepts. Extensive programming assignments are required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 202. Software Development III 3 Units****Prerequisite(s):** CIS 200 (grade of C or better) or CIS 201 (grade of C or better).**Description:** This course is a continuation of CIS 200. It emphasizes object-oriented development using a strongly typed language. Students study the object model and apply its use to systems development problems. Topics include polymorphism, inheritance, and object interaction. Event-driven programming of graphic user interfaces is introduced. Application areas may include data structures, searching, sorting and databases. Extensive programming assignments are required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CIS 205. Information Systems in Organizations** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course helps students develop a working understanding of the differences between information systems and information technology, and how to apply those concepts to facilitate business processes successfully. Broad information systems literacy is a goal since all business majors must take this course. This course does not include computer lab sessions.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 211. Operating Systems** 3 Units  
**Prerequisite(s):** CIS 200 (grade of C or better) or CIS 201 (grade of C or better).  
**Description:** The course surveys basic computer architecture and operating system concepts. The student learns how the computer is built and organized, and how the operating systems function to manage available resources. The course provides experience with different operating systems such as Windows XP, UNIX/Linux, and MS-DOS. Topics covered include: data representations in the computer and base conversions; the CPU and memory; instruction types; I/O facilities; computer peripherals; operating system internals; file management; programming tools; and an introduction to client/server and web-based computing and applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 215. Introduction to Computer Information Systems** 2 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 199 (grade of C or better) or CIS 201 (grade of C or better).  
**Description:** This course provides an overview of computer information systems and how they are used in business. It emphasizes fundamental knowledge areas and skills expected of an information systems professional. Topics include the evolution of computing equipment, a survey of types of information systems used in business, and a discussion of professional responsibilities. Students learn team building, project planning, team coordination, and project reporting techniques. Career opportunities, co-op placement, and CIS program requirements are discussed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 250. Introduction to Data and Information Management** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course provides an introduction to the role of computers and other information technologies in business. Sessions in the classroom will cover the basic concepts of computer use with special attention to current technological innovation in social and business environments. Topics include technology and organizational change, telecommunications, privacy in the information age, and business security on the internet. Sessions in the computer lab will emphasize business problem solving using critical thinking techniques and commonly used analytical tools.  
**Note:** A \$30 lab fee is charged for this course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 300. Computer Information Systems** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 100 or CIS 250.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** The study of computer information systems as they support business processes. Topics include the role of data, data manipulation, database management, information management and decision making, systems analysis and design, historical vs. current methodology in data communications, hardware and software in telecommunications, an overview of automated information systems, policies and procedures needed to protect an information system, and advanced use of spreadsheet and database software.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 305. Data Analysis for Decision-Making** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This project-based course provides students with an opportunity to explore data analysis using spreadsheet and database techniques, including incorporating contemporary decision-making tools in modern spreadsheet software. This course emphasizes the roles of business analysis and knowledge workers through projects and discussions and teaches students how creative use of strong analytical skills can lead to career advancement in any business domain.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 310. Database Design** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CIS 199 or CIS 443.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course will provide a solid and practical foundation for the design and implementation of database systems. Emphasis will be on relational database models, with significant coverage of basic relational database concepts, normalization, E-R modeling, locking, SQL, and distributed databases. Additional topics include web database, database security, access control policies and procedures, risk management, and ethical aspects of information handling. Course software includes current database tools such as SQL server.  
**Note:** Course is restricted to approved COB BSBA majors and COB Data Analytics minors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CIS 320. Systems Analysis and Design** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CIS 199, CIS 305 (or equivalent), and CIS 310 (or concurrent).  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Introduces the fundamentals of object-oriented analysis and design, including experience with a CASE tool. Topics include requirements determination, feasibility analysis, modeling with Unified Modeling Language (UML) and data dictionary construction, data modeling and normalization, user interface requirements specification, and information security procedures. Development of problem and design specifications for an information systems project is required. Develops team skills, written and oral communication skills.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 350. Infrastructure Technologies** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CIS 199.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course provides an introduction to IT infrastructure issues and covers topics related to computer and systems architecture and communication networks, with an overall focus on the services and capabilities that IT infrastructure solutions enable in an organizational context. It gives students the knowledge and skills that they need for communicating effectively with professionals whose special focus is on hardware and systems software technology and for designing processes and solutions that require in-depth understanding of the IT infrastructure capabilities and limitations. It also prepares students for interaction with external vendors of IT infrastructure components and solutions.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 360. Business Data Communications** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 111 or CIS 202; CIS 115 or CIS 215; CIS 211; MATH 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course explores the fundamental concepts of business data communications and networking. Preliminary discussion will trace the evolution of telecommunications, its regulation over the years, laws governing telecommunications, and the role of regulatory bodies. Primary focus will be on data communications technologies and infrastructure used shared data among business organizations. Students study common network technologies and learn how to apply them to business situations. Topics include data transmission, terminal-host communication, TCP/IP, OSI model, Local Area Network (LAN) technologies, network standards, Wide Area Network (WAN), wireless communication, network management, communication security, security tools, privacy and ethics, and laws governing data communications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 371. Excel Programming with VBA** 1.5 Units  
**Prerequisite(s):** CIS 100 or CIS 250; CIS 300; restricted to non-CIS Business students.  
**Description:** Practical information systems development experience using Microsoft Excel and Visual Basic for Applications (VBA). Students will learn to use Excel and VBA as a programming environment for creating information systems solutions. Topics might include an introduction to VBA, its main components and objects, and their properties, methods, and events. Through hands-on work, students will learn to develop solutions, debug, handle errors, and create custom reports.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 380. Software for Business I** 1-3 Units  
**Prerequisite(s):** CIS 300; restricted to Accounting and Finance majors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Experience with contemporary software products used in business. Students will acquire hands-on experience using the software in analyzing business problems or in creating information systems useful in business. Software products will vary as technology evolves, and will address topics of current interest such as project management, data storage and use, decision support, and web authoring.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 381. Software for Business II** 1-3 Units  
**Prerequisite(s):** CIS 300; restricted to Accounting and Finance majors.  
**Description:** A continuation of CIS 380 for students seeking additional experience with contemporary software products.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 390. Special Topics** 1-3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 199.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Practical information systems development experience using contemporary PC programming tools and environments. Topics will vary as technology evolves, and will include topics of current interest such as network administration, Rapid Application Development, and World Wide Web development.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CIS 391. Windows Network Administration** 1.5 Units  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** CIS 111 or CIS 202; CIS 115 or CIS 215; CIS 211; restricted to CIS students.  
**Description:** Practical network administration experience using Microsoft's client/server operating system. Students will learn to perform fundamental network administration and installation tasks. Topics might include account policies, network resources, permission for files and folders, printer environments, partitions, network transport protocols, and network services. Through hands-on work, students will learn to install and configure the operating system, create user and group accounts, monitor and manage network resources, and install and configure network services.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 392. VB NET Programming** 1.5 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 111 or CIS 202; CIS 115 or CIS 215; CIS 211; restricted to CIS students.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Practical information systems development experience using Microsoft VB NET. Students will develop logical problem solving skills and methods for translating a problem description into appropriate logic structures and coding statements. Topics might include programming constructs, variables, arrays, procedures, commonly used VB controls, menus, and database access. Through hands-on-work, students will develop proficiency with programming logic, event-driven programming, objects and their use, and Windows application development.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 396. Zero-Credit Internship-Computer Information Systems** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 199 and CIS 305; good academic standing; validation through the Ulmer Career Management Center; students must be Computer Information Systems majors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** A new workplace experience in an approved Computer Information Systems position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools. This program is available to students who have received the maximum number of co-op credit hours for their major. Application to the zero-credit internship program and completion of orientation processes should be accomplished prior to employment.  
**Note:** This course is restricted and requires permission from the Ulmer Career Management Center.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 397. Co-op in Computer Information Systems I** 3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CIS 199 & CIS 305, good academic standing and validation from the Ulmer Career Center.  
**Description:** Must be a CIS major. CIS majors only. A new workplace experience in an approved CIS position that offers the student an opportunity for practical application of classroom theory and tools.  
Note: Application to the co-op program and completion of the orientation process should be completed prior to employment.  
**Note:** Can be taken with CIS 398 for a total of six (6) hours of co-op credit, students may register for CIS 397 and CIS 398 in one or two semesters.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 398. Co-op in Computer Information Systems II** 1-3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CIS 397 (or concurrent); university GPA of 2.50; validation through the College of Business Co-op Office.  
**Description:** A new or continued workplace experience in an approved CIS position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom concepts and tools.  
**Note:** Usually taken concurrently with CIS 397 for a total of six hours of co-op credit for a six month, full-time work place experience; students may register for CIS 397 and CIS 398 in one or two semesters.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 399. Co-op in Computer Information Systems III** 3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Permission of College of Business Co-op Office.  
**Description:** A new or continued workplace experience in an approved CIS position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 410. Management of Information Systems - CUE** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** CIS 310, CIS 320, and CIS 350; Senior standing.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Explores strategic development of information technology; value chain analysis and its application to information resource management; information systems planning; organizing, staffing, and controlling the deployment of information technology; the development of an IT platform and architecture consistent with organizational structure.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 411. Web Application Development** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** CIS 200, CIS 310, and CIS 350.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** This course introduces dynamic web applications and how they are developed. Students will understand the role of client-side and server-side technologies, and use web forms, various server controls and session objects to develop multipage web applications. Students will gain system development experience with current web development tools and platforms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 415. Careers in Information Systems** **1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** CIS 310; CIS 215 or CIS 315; CIS 320; CIS 360.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Provides an assessment of the student's development as an information systems professional. The emphasis of the course is on completion and presentation of the student's information systems portfolio. Career development activities include: resume preparation and review, career planning, professional information systems organizations and networking, and lifelong learning opportunities. Taught on pass-fail basis.

**Note:** Students are encouraged to enroll in this course during their last semester of CIS coursework.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 420. CIS Development Project** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** CIS 310, CIS 320 and CIS 350.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A continuation of CIS 320, this course focuses on the detailed design and implementation phases of the system development life cycle, including user acceptance testing, test planning, design reviews, and change procedures. Specifications created in CIS 320 are used to implement, test, and install a working version of an information system. System deployment emphasizes a web-based architecture. A prototyping approach is taken to develop and test the system in an iterative manner. Students are grouped into project teams, and each team member accepts task assignments necessary to deliver the information system prototype.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 430. User Interface Design** **3 Units**

**Prerequisite(s):** CIS 320.

**Description:** This course provides a conceptual basis and practical guidelines for the design and development of graphical user interfaces. The course introduces Human-Computer interaction and human factor concepts. Design emphasis is placed on effective information presentation and usability concerns. Development of prototype user interfaces using contemporary GUI software, such as Visual Basic or Web development tools is required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 440. Object-Oriented Methods** **3 Units**

**Prerequisite(s):** CIS 310; CIS 215 or CIS 315; CIS 320; CIS 360.

**Description:** Information System analysis, design, and implementation using the object-oriented paradigm. Topics include inheritance, encapsulation, and polymorphism, and their use in design and implementing effective object-oriented systems. Exposure to an object-oriented CASE tool and programming with object-oriented language, such as C++, are expected.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CIS 443. Analytics Programming** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** One of the following: BSTA 301, BSTA 201, MATH 109, PSYC 301, SOC 301, CJ 326, MGMT 201 or equivalent.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Open to all UofL students. This course introduces general programming concepts and techniques to a data analytics audience with no prior programming experience. Students will learn programming techniques that support business analytics with hands-on programming including accessing data, creating informative data graphics, writing functions, debugging, and organizing code. Examples are drawn from the problems and programming patterns often encountered in data analysis. It will use a popular analytics programming language such as Python.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CIS 444. Data Analytics** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** One of the following: BSTA 301, BSTA 201, MATH 109, PSYC 301, SOC 301, CJ 326, MGMT 201 or equivalent.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Open to all UofL students. This course reviews and builds on the fundamental statistical concepts and techniques covered in the undergraduate Business Statistics course. Students will learn to model data and use analytical skills to solve real business problems. Topics include exploratory data analysis, estimation, statistical inference about populations, hypothesis testing, ANOVA, linear and multiple regression, and logistic regression.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 445. Machine Learning** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CIS 310, CIS 443, CIS 444.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Open to all UofL students. This course introduces basic machine learning concepts, techniques and its application to business problems. Topics include data preparation, feature selection, predictive modeling, classification, clustering, evaluation, validation, supervised & unsupervised, reinforcement, deep learning and scalability. The emphasis will be on the application of machine learning techniques to problems in a business context. While there will be discussion about use of machine learning tool and common techniques, the math behind those techniques is not the focus of this course. Machine learning techniques about both structured and unstructured data (such as natural text) are discussed. Heavy use of a machine learning software (e.g., SAS, SPSS) is expected. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 446. Business Analytics** **3 Units**  
**Prerequisite(s):** CIS 444.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course provides a hands-on learning experience using advanced statistical tools (e.g., SAS and SPSS) that can be leveraged to work with structured data and generate business knowledge. This course covers sophisticated techniques, such as predictive modeling, time-series analysis, and growth modeling. After taking this course, students are expected to be able to: (1) solve common analytical business problems; (2) think systematically about if and how data can help make better-informed decisions; (3) and use business analytical tools.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 447. Advanced Business Analytics** **3 Units**  
**Prerequisite(s):** CIS 445 and CIS 446.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course teaches students how to use state of the art analytical tools (e.g.; Hadoop, SAS Enterprise Miner) to handle data that comes in a variety of forms and sizes in more complex, less structured business situations. Students will participate in extensive hands-on work solving realistic business problems. This course guides students with handling optimization models, Monte Carlo simulations, and decision analysis.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 450. Special Topics in Data Analytics** **1.5-3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CIS 310, CIS 443, CIS 444.  
**Description:** Open to all students. Explore current topics of interest in data science such as data visualization, blockchain, and cloud computing.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 455. Computer Ethics, Social Issues and the Law** **3 Units**  
**Prerequisite(s):** CIS 150 and CIS 300.  
**Description:** Provides an introductory examination of the ethical, social, and legal aspects of computing. Topics include responsibilities for computer professionals, intellectual property, privacy, social interaction in electronic forums, policy and other current issues. Case studies, in-class discussion, and position papers are used extensively.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 460. Advanced Networking** **3 Units**  
**Prerequisite(s):** CIS 360.  
**Description:** This course will cover material relating to network primarily, with several hands-on lab sessions using Cisco and other routers. The principal topics to be covered are: TCP/IP architecture, OSI 7-layer model, IP addressing, Subnet masking, study of protocols such as RIP, BGP, IGRP, IS-IS, X.25, ATM, ARP, OSPF, and networks such as DEC-net and AppleTalk. We will also discuss concepts involving hub, bridge, switch, router, cabling, Voice over IP, Telnet, FTP, Frame Relay, Virtual LAN, network security, security policies and procedures, and risk analysis.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 465. Advanced Cobol** **3 Units**  
**Prerequisite(s):** CIS 310; CIS 215 or CIS 315; CIS 320; CIS 360.  
**Description:** Analysis, design and implementation of advanced business information systems using the COBOL programming language. The course focuses on the COBOL 85 standard and covers aspects of the previous COBOL 74 standard so that students have the abilities needed to maintain and modify older "legacy" systems. Topics covered include: array processing and multilevel tables; advanced file sorting, merging, and searching; indexed and interactive file processing; subroutines; ALL statement; COPY statement; VSAM file concepts; and CICS and SQL concepts. The IBM COBOL compiler is used on a system running under the VM/CMS operating system.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 475. Enterprise Internet Computing** **3 Units**  
**Prerequisite(s):** CIS 310; CIS 215 or CIS 315; CIS 320; CIS 360.  
**Description:** Provides a framework to understand and evaluate current and emerging Internet-based technologies. The focus of the course is on understanding, designing, and implementing enterprise-level Internet systems. These secure, robust, scalable, and integrated solutions will be implemented using current web services architecture, such as J2EE. Case studies and projects provide hands-on exposure to these technologies and their applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CIS 480. Introduction to Network Security** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CIS 350, CIS 481.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Basic concepts of networking, operations security, protocol features for security, transmission security, packet filtering, TCP wrappers, firewalls, computer viruses, physical protection, legal protection, liability issues, significance of National Security Directive 42, implications of Computer Security Act, CERT recommendations, assessment of threats and vulnerabilities of systems, security countermeasures, contingency planning, disaster recovery, risk management, and auditing and monitoring, policies and procedures dealing with storage and disposition of sensitive data.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 481. Introduction to Information Security** 3 Units  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CIS 350.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Basic notions of confidentiality, integrity, availability, authentication models, protection models, security kernels, audit, intrusion detection, operational security issues, physical security issues, security system life cycle management, personnel security, policy formation and enforcement, trust modeling, risks and vulnerabilities assessment, basic issues of law and privacy, trade secrets, employee covenants, copyright, database protection, software and hardware validation, verification and certification.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 482. Introduction to Cryptography** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CIS 300; MATH 180 or MATH 205 or EAC 101.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Basic concepts of cryptology, historical ciphers, modern symmetric ciphers such as DES, public key cryptography (RSA, elliptic curve cryptosystems), efficient hardware and software implementations of cryptographic primitives, copyright protection (including the Digital Millennium Copyright Act), requirements for implementation of cryptographic modules, data integrity and authentication, digital signature schemes, key exchange and key management, standard protocols for secure mail, electronic payments, security aspects of mobile communications, key escrow schemes, Smart cards, and social implications of new technologies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 483. Introduction to Database Security** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CIS 310 and CIS 481.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Basic data protection methods such as discretionary and mandatory access controls, secure database design, data integrity, secure architectures, secure transaction processing, information flow controls, and auditing, copyright and database protection, privacy issues (including employee records and HIPAA). Security models for relational and object-oriented databases, security of databases in a distributed environment, survey of commercial systems, and research prototypes.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 484. Computer Forensics** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CIS 350 and CIS 481.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Basic computer forensics concepts involving evidence collection, preservation, and presentation in court. Technology tools to analyze files, implications on privacy, ethics, policies, risk management and legal aspects will be covered.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 490. Special Topics in Computer Information Systems** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** One of the following: BSTA 301, BSTA 201, MATH 109, PSYC 301, SOC 301, CJ 326, MGMT 201 or equivalent.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Explores contemporary topics of current interest in information systems, such as emerging telecommunications technologies, decision support, end-user computing, and distributed database management.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 499. Independent Study Computer Information Systems** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CIS 310, CIS 320, and CIS 350.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Written proposal must be sponsored by at least one faculty member and approved by the Department Chair.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CIS 500. Computer Concepts for Managers** 1.5 Units  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** ISDP 154 and ISDP 155; CIS 300.  
**Description:** Fundamentals of application based software including spreadsheet, data manipulation and reporting, presentation graphics, and public network access.  
**Note:** Pass/fail grading.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Criminal Justice (CJ)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CJ 160. Technology Forensics: Core Hardware Issues** 2 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course is an introduction to computers as evidence sources and focuses on the installation, configuration, upgrading, troubleshooting and forensics possibilities of computer components.  
**Note:** Competency testing available.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 161. Technology Forensics: Operating Systems** 2 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 160.  
**Description:** This course is an introduction to computers as evidence sources and focuses on the installation, operation and forensics possibilities of operating systems of computing devices.  
**Note:** Competency testing available.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 162. Technology Forensics: Network** 2 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 161.  
**Description:** This course is an introduction to computers as evidence sources and focuses on the installation, operation and forensics possibilities of network systems of computing devices.  
**Note:** Competency testing available.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 200. Crime and Justice in the United States - SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer

**Description:** This course focuses on the various processing stages, practices, and personnel in the criminal justice system. This course examines the problem of crime in American society. Both historical and contemporary components of the system, including the police, the courts, and correctional agencies are explored. This course is designed to provide the student with a broad-based understanding of both the effects of crime upon communities as well as the criminal justice system's response to crime in our contemporary society.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 201. Law Enforcement in the United States - SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer

**Description:** The course focuses on evolution of policing including the history, policing paradigms, police organizations, and emerging issues in policing. This course examines the role of the police in the United States. Historical and modern forms of policing will be explored. The course provides students with a broad understanding of the role and function of the police in America.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 202. Corrections in the United States - SB** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer

**Description:** This course is designed to provide an introduction to the history, practices, and issues related to the correctional function in American criminal justice. Topics included are: history of prisons; inmate subcultures and institutions; correctional issues such as overcrowding, stress, sexual violence, and administrative problems. Both adult and juvenile corrections will be covered.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 250. Investigative Interviewing & Testimony** 3 Units  
**Term Typically Offered:** Occasionally Offered

**Description:** An introductory course dealing with the principles and practices of interviewing. The course will include a review of interviewing theory and practical exercises intended to enable students interested in public service to gather information and make observations more effectively.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 300. Career Development and Cultural Intelligence - SB, D1** 3 Units  
**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** CJ 200.  
**Description:** Perspective on career development in the field of criminal justice through awareness of cultural diversity also known as cultural intelligence.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 301. Introduction to Computer Forensics and the Analysis of Digital Media** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** CJ 160, CJ 161, and CJ 162; or consent of instructor.

**Description:** This course introduces students to the collection, preservation, presentation and preparation of computer-based evidence for the purposes of criminal law enforcement or civil litigation. These activities define the central roles of computer forensic practitioners involved in investigating computer crime scenes and torts involving computers.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 305. Criminal Behavior** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An introduction to the theory, research, and findings of biological, psychological and sociological studies of criminality. Topics included are: the history of criminal theories; societal reactions to crime; deviant subcultures; and criminal organizations and institutions in society.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 306. Criminal Procedure** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A course designed to provide an in-depth understanding of the procedural aspects involved in developing and prosecuting or defending criminal cases. The course focuses on the Constitutional issues involved during the various aspects of a criminal case, from investigation to arrest through trial and appeal. The concept of due process is examined. Specific attention is focused on the rights and limitations offered the prosecution and defense under the Bill of Rights. Topics included are: lineups, searches, arrests, "stop and frisk," bail extradition, preliminary hearings, arraignment, trials, sentencing, appeals, probation, parole, and the death penalty.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 325. Research Design** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CJ 200 or consent of instructor.

**Description:** An advanced study of the principles, data sources, and methods appropriate for criminal justice. Topics included are: library research; research design, sampling, scaling; questionnaire construction; and survey research, interviewing, and participant observation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 326. Quantitative Analysis - QR** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Appropriate placement score or equivalent coursework.

**Description:** An introduction to the applications of quantitative research methods to the analysis of criminal justice practices and data. Emphasis is placed on the calculation, application and interpretation of statistical measures generated by computer software such as SPSS. Topics included are: measures of central tendency and dispersion; theories of probability and the normal curve; and parametric and nonparametric significance tests used in criminal justice research.

**Note:** Credit may not be earned for this course and MATH 109, PSYC 301, SOC 301, or MGMT 201.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 335. Court Administration** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** An intensive study of court organization, administration, and management from the professional court administrator's viewpoint. Topics included are: the history and evolution of court systems; functions of courtroom management; case flow management; and administration of both trial and appellate judicial offices.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 352. Sex Crimes** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** An interdisciplinary study of the sex offender and crimes related to sexual conduct. Topics included are: sexual deviancy in society; the description and treatment of offenders; and the role of societal values and institutions on sexual behavior, norms, and mores.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 354. Crime and the Media** 3 Units

**Description:** The course covers the portrayal of crime in the mass media and examines how the media provides a distorted image of the true reality of crime and criminal justice, which in turn distorts public perception. This course will analyze how crime is socially constructed through media coverage and how mass mediated misperceptions of the reality of crime and criminal justice affect the actual operation of the various components of the criminal justice system and public policy.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 355. Criminalistics** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** A survey of techniques, procedures and analysis of scientific crime investigation. Topics included are: the history of the scientific investigation of crime; research techniques in crime investigation and analyses including statistical and computer application; and the prosecutorial process and the role of scientific expertise.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CJ 356. Crime Prevention** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** An intensive study of the criminological and environmental theories and methods of crime prevention and reduction. Topics included are: the history of crime prevention approaches and theories; program development; case studies and research in crime prevention; and the overall problem of loss-prevention management in the United States. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 358. Private Security Management** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 200 or consent of instructor.  
**Description:** An intensive study of the management functions of a private security agency. Topics included are: agency structure; personnel; legal status; budgeting; and supervision of a private security firm. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 360. Juvenile Justice** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CJ 200 or consent of instructor.  
**Description:** A study of the theories and philosophies underlying the evolution and maintenance of the juvenile justice system in America as well as the structure and processes of the contemporary juvenile justice system. Topics included are: the history of the juvenile and the legal system; issues in juvenile justice; and the roles of the police, courts, and corrections in implementing the juvenile justice model. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 365. Community Corrections** 3 Units  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** CJ 200 and CJ 202.  
**Description:** Origins and evolution of correctional programs that function outside of total institutions. Topics included are: diversion programs, probation, parole, boot camps, home incarceration, electronic monitoring, halfway houses, and other community-based initiatives for adult and juvenile offenders. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 366. Introduction to Internet and Network Investigations** 3 Units  
**Description:** This course will cover network monitoring and measurement tools for network traffic collection and investigation, and data processing and forensics technologies for Internet based applications. The second part of the course will explore advanced topics in network security and forensics. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 370. Police Administration** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 201 or consent of instructor.  
**Description:** An intensive study of police organization and administration. Topics included are: the history of police organization; the political environment of law enforcement agencies; the police function in other societies and cultures; and a survey of management functions. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 375. Social and Restorative Justice** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course links social justice and criminology while considering the causes of harm. Assumptions about crime and justice will be examined by comparing and contrasting retributive and restorative justice paradigms. A considerable portion of the course will be dedicated to confronting specific social justice issues.  
**Note:** Cross-listed with SCHG 375.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 390. Criminal Court Procedures** 3 Units  
**Prerequisite(s):** CJ 306 or consent of instructor.  
**Description:** An intensive study of criminal due process and legal procedures from apprehension to sentencing. Topics included are: federal and state processes of disposition, bail systems, extradition, preliminary hearing, arraignment, trial, appeal, sentencing, probation, parole, and release. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 395. Criminal Law and Evidence** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Principles of criminal liability and the legislative and judicial processes by which acts and omissions are criminalized, investigated, and prosecuted. Topics include: crimes against persons, crimes against property, victimless crimes, and white collar crime. Exploration of issues related to legal capacity, defenses, and insanity. State and federal criminal rules of evidence identified and used to explain specific evidentiary issues relating to criminal law. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 400. Legal Issues in Corrections** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 200, CJ 202, and CJ 306; or consent of instructor.  
**Description:** An overview of legal issues concerning the constitutional rights of the convicted offender. Topics included are: impact of court decisions upon correctional personnel and administration; use of force; rights of visitation; use of mail, solitary confinement, religion, legal services; probation and parole regulations; right to treatment; and civil liabilities of correctional officials. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CJ 403. Prisons and Jails in the United States** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** CJ 200 and CJ 202; or consent of instructor.  
**Description:** Issues involved in the design and operation of correctional institutions. In-depth examination of prison and jail construction and design, administration and management, career opportunities, programming needs, inmate culture and subculture and the interplay of legislative and case law.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 405. Crimes Against the Elderly** 3 Units  
**Description:** Course examines federal and state laws designed to protect the older adult population; topics include types of abuse, victim advocacy, perpetrator prosecution, community resources and protection services.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 406. Crime Victims and Victimization** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Overview of crime victimization and the criminal justice system response to crime victims.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 415. Substance Abuse, Crime and Criminal Justice** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CJ 200 and CJ 202.  
**Description:** Study of history, origin, extent and causes of substance abuse, focusing on relationships between substance abuse, criminal activity, and criminal justice agencies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 420. Computer Applications in Criminal Justice** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 200 or consent of instructor.  
**Description:** An applied introductory course to computer applications relevant to criminal justice and criminology. Topics include data collection and entry, basic data analysis, electronic research methods, and web page design with an emphasis on the use of computer software and hardware in criminal justice agencies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 421. Organized Crime** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 200 and CJ 305; or consent of instructor.  
**Description:** Interdisciplinary exploration of major issues related to organized crime. Topics include historical aspects, theoretical perspectives and criminal activities commonly associated with organized crime efforts.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 425. Profiling Violent Crimes** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** Examination of the basic concept of criminal assessments of fatally violent crimes. Topics include organized and disorganized criminal personalities, stages of violent homicides, blood spatter interpretation, the process of homicide investigation, media issues, typology of violent personal offenders and various types of murderous personalities.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 426. Violence in the United States: The Criminal Justice Response** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** CJ 200 and Junior standing; or consent of instructor.  
**Description:** Various forms of personal violence such as spouse abuse, child physical and sexual abuse, abuse of the elderly, rape, criminal assaults and battery, abuse in the workplace, and other forms of abuse will be discussed. Special emphasis directed toward the role of the criminal justice system.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 430. Environmental Crime** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Provides an understanding of both the theoretical and practical legal issues relating to environmental Criminal Justice, including an introduction to criminological solutions to environmental problems.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 435. Comparative Criminal Justice Systems - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Overview of international criminal justice systems and various issues, that arise in criminal justice systems throughout the world.  
**Note:** Approved for the Arts and Sciences Upper-Level Requirement in Written Communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 440. Human Trafficking: Critical Thinking About Modern-Day Slavery** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** In depth analysis of trafficking in human beings as a crime prompted by supply and demand. Content includes: definitions of human trafficking, human trafficking as a transitional crime, characteristics of the crime of trafficking in human beings and strategies to most effectively deal with this crime.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CJ 445. Computer and Electronic Crime** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of legal policy and technical issues of computer and electronic crime. Class participation, writing, and oral presentations will be integral components of the course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 450. Internship** 3-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Permission of chair or internship coordinator.  
**Description:** An internship in an agency that participates in the administration of justice or private security. Written reports of activities and a comprehensive summary of learning experiences will be required.  
**Note:** Application must be made and approved prior to enrollment.  
**Note:** Preference will be given to students currently majoring in Criminal Justice.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 460. Correctional Treatment and Rehabilitation** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 200 and CJ 202; or consent of instructor.  
**Description:** A study of the techniques and methods employed by the correctional system in attempting to influence and to change client behavior. Topics included are: the history of offender treatment; the nature and variety of current treatment programs; studies of treatment effectiveness; and the future of treatment and rehabilitation in the United States.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 471. Police Administration** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Consent of department chair.  
**Description:** A discussion of police administration, organization, and functions. Administration is approached from the points of view of a police executive and his or her principal aides. Emphasis encompasses both reality and theory. Contemporary management thought is emphasized.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 473. Legal Issues in Police Administration** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Consent of department chair.  
**Description:** Detailed analysis of legal issues in police administration and management. Emphasis on the development of policies, procedures, and practices to avoid liability resulting from administrative operations. The case method is used to study emerging trends and current issues.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 474. Police Supervision** 3 Units  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 477. Organizational Behavior in Law Enforcement** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Consent of department chair.  
**Description:** Basic principles of human behavior with emphasis on the application of these principles to police work in organizational settings.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 485. Seminar in Criminal Justice - CUE, WR** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CJ 200, CJ 325, and CJ 326; Senior standing or consent of instructor.  
**Description:** Senior level seminar designed to explore and discuss issues, problems, and challenges in the administration and management of criminal justice organizations.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 488. Senior Project / Practicum / Moot Court** 3 Units  
**Prerequisite(s):** CECS 568.  
**Description:** This is a capstone course where students demonstrate the ability to incorporate the knowledge and skills from previous courses. Includes a moot court where students are required to create an exhibit for a case on which they have worked. The moot court tests students via direct examination and cross-examination in a courtroom setting.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 493. Police and the Community** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Senior standing or consent of instructor.  
**Description:** Course will explore the relationship between the community and those who police it. Topics to include: the history of police and their origin, aspects of police community relations, and the paradigm of Community Oriented Policing.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 495. Independent Study/Directed Readings 1-6 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** A research project or a series of directed readings under the supervision of a full-time faculty member. Written papers based on the student's program of study may be required. The purpose of this course is to enable students to independently pursue specialized interests in criminal justice issues and topics.**Note:** Enrollment is limited and no more than 6 hours of credit may be counted towards a bachelor's degree in Criminal Justice.**Note:** Students must submit a written request, including topic of interest, to the chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 496. Special Topics in Criminal Justice 3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** A course designed to address specialized topics in criminal justice.**Note:** Course topics will vary (see specific semester schedule).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 497. Honors Seminar 3 Units****Prerequisite(s):** Junior standing.**Description:** Intensive investigation of a major substantive or theoretical area within the criminal justice system.**Note:** Restricted to honors program students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 498. Honors Seminar - WR 3 Units****Prerequisite(s):** Junior standing.**Description:** Intensive investigation of a major substantive or theoretical area within the criminal justice system.**Note:** Restricted to honors program students.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 499. Honors Thesis - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Senior standing and admission to department honors program.**Description:** Intensive examination of a topical area in criminal justice. Students work individually with designated faculty advisor to develop and complete original individual research projects.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 500. Crime and Criminal Justice in the Cinema 3 Units****Prerequisite(s):** Senior standing.**Description:** This course examines media representations of the criminal justice system in historical context and with global perspective to show the congruence and disparities between popular film and reality.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 505. International Terrorism 3 Units****Term Typically Offered:** Occasionally Offered**Description:** Investigation of international terrorism and terrorist organizations, focusing on causes, operations, organization, funding, threats and futures. Biological, chemical, nuclear and cyberspace terrorism are explored. Features of the impact of the media on terrorism, counter-terrorism, use of technology and prevention.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 507. Crime Prevention Through Environmental Design 3 Units****Description:** Introduction to the concept of Crime Prevention Through Environmental Design (CPTED). Emphasis will be placed on opportunity theories of crime and their application as well as means through which crime can be prevented using the built environment to reduced crime opportunity.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 509. Crime Analysis 3 Units****Description:** Crime analysis is a fairly new topic in criminal justice education. This course provides students with an opportunity to apply theory to crime data while learning introductory techniques of crime analysis and mapping.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 510. Managing Conflict, Change and Justice 3 Units****Term Typically Offered:** Spring Only**Description:** Students will be introduced to the interpersonal and social nature of conflict and the practices and skills associated with conflict resolution. By analyzing the human nature and dynamics of both interpersonal and social conflicts, students will develop an awareness of the integral role the conflict management process plays in nurturing the attributes (is relationship building, equity, fairness & peace) of conflict resolution.**Note:** Cross-listed with SCHG 510.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 516. Juvenile Justice Issues 3 Units****Description:** An interdisciplinary seminar. Focuses on issues pertinent to the criminal justice system that reflect conflicting perspectives. This course covers the juvenile justice system and related juvenile issues. Topics include an overview of the juvenile justice system, treatment and prevention programs, special areas and laws unique to juveniles, and other related topics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- CJ 517. Gangs in America** 3 Units  
**Description:** One of the main purposes of this course is to examine one of the most polarizing, difficult to research topics in Criminal Justice: Gangs. By exploring these dynamics and connections, the course will address the history, research, legislation, and policy implications related to Gangs, and the criminal justice system's response to Gangs. This course is divided into four points: 1) Defining Gangs and the Historical Perspective of Gangs, 2) Theoretical Basis of Gangs and Gang Involvement, 3) Current Gang Trends, and 4) Gang Prevention/ Intervention.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 519. Domestic and Family Violence** 3 Units  
**Description:** A course addressing issues relating to family violence, includes examination of partner abuse, child abuse, and elder abuse throughout the life-course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 520. Capital Punishment - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Senior standing or consent of instructor.  
**Description:** Seminar of issues related to the death penalty, including: constitutional questions, the effect of death row incarceration, and public attitudes toward the death penalty. Research on Kentucky will be featured.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 521. White Collar Crime - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** CJ 200 and CJ 305, or consent of instructor.  
**Description:** A study of white collar and occupational crime. Course will focus on the concept, theoretical explanations, the extent and nature of various types of white collar and occupational crime in both public and private sectors.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 522. Serial & Mass Murder** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Senior standing or consent of instructor.  
**Description:** Examination of serial murder and mass murder in the United States. Topics include serial murder and its relation to race and gender; the media and serial murder; and profiling. Mass murders, in which victims are killed within a few moments or hours, will also be examined. Topics include mass murder's impact on communities; political and religious ideologies; specific institutions victimized by mass murder; and political, community, and law enforcement responses.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 523. Race and Gender Issues in Criminal Justice - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Junior standing or consent of faculty.  
**Description:** This course will study the dynamics of racial discrimination and racial disparity in the U.S. and how it affects the criminal justice system.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 530. Intro to Homeland Security** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course outlines the philosophy, purpose, and rationale for a separate governmental agency whose primary mission is focusing on domestic security. This course will also examine issues related to international and domestic terrorism and their effect(s) on trends in homeland security.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- CJ 531. Covert Operations in Policing** 3 Units  
**Description:** This course is an introduction to intelligence in policing and law enforcement with an emphasis on three key topics: 1) developing awareness and understanding of human intelligence (HUMINT) as a primary means of collecting information required to develop intelligence for solving, predicting, and hindering crime & criminal behavior; 2) developing skills in selecting and using analytical tools used by law enforcement intelligence and crime analysts: association and activities matrices, link analysis diagrams, social network analysis, pattern wheel analysis, mind mapping, concept map, and others; and 3) understanding the critical role of planning in law enforcement and the relationship between planning, operations and intelligence.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CJ 576. Managing Organizational Performance 3 Units****Prerequisite(s):** Consent of department chair.**Description:** Examination of factors affecting the management of organizational performance. Designed to help participants develop conceptual diagnostic and problem solving skills required of strategic managers in contemporary law enforcement organizations. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CJ 578. Criminal Justice Leadership - WR 3 Units****Description:** Through the use of lectures and case studies (films), participants will be provided with a cognitive understanding of leadership that emphasizes the study of leadership models and theories. Study and evaluation of various leadership styles and processes.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CJ 580. International Service Learning: Criminal Justice Seminar 3 Units****Prerequisite(s):** Approval of program director.**Description:** Study of criminology and criminal justice with a cross cultural perspective. Comparative criminal justice research regarding particular problems and issues in the host country will be conducted and examined.**Note:** Travel outside the United States is required.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CJ 596. Seminar in Criminal Justice 3 Units****Description:** An interdisciplinary seminar. Focuses on issues pertinent to the criminal justice system that reflect conflicting perspectives.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**CJ 597. Ethics in Criminal Justice - WR 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Senior standing or consent of instructor.**Description:** A study of the need for ethics in criminal justice. The aims of ethics, ethical theories, ethical issues related to law making, law breaking and law enforcement.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Criminalistics and Criminology (CC)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that

they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CC 477. Criminal Justice Behavior Dynamics 3 Units****Description:** A study of the basic principles of human behavior with emphasis on the application of these principles to police work in organizational settings. Consideration is given to the dynamics of both individual and group behavior in working environments.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Critical and Curatorial Studies (CCS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**CCS 547. Introduction to Critical and Curatorial Studies I 3 Units****Prerequisite(s):** Consent of instructor.**Description:** An introduction to curatorial practice of the last 30 years. Focusing on the curator's increasingly prominent role in the reception and synthesis of contemporary art, the course explores developments in exhibition design in terms of art production, international exchange, globalization, and critical theory.**Note:** Cross-listed with ARTH 547.**Note:** A student may receive credit for only one of the courses: ARTH 547, CCS 547, ARTH 647, CCS 647.**Note:** Formerly Museum Methods I.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**CCS 548. Critical and Curatorial Studies II** **3 Units**

**Prerequisite(s):** ARTH 547, or CCS 547, or ARTH 647, or CCS 647, or consent of instructor.

**Description:** This seminar is structured as a curatorial practicum. Students work with the professor to develop and produce an exhibition from the university's print collection. Throughout the semester, weekly readings and presentations focus on contemporary exhibition practice as well as on the theoretical and critical concerns undergirding the student's developing exhibition.

**Note:** Cross-listed with ARTH 548.

**Note:** A student may receive credit for only one of the following courses: ARTH 548, ARTH 648, CCS 548 and CCS 648.

**Note:** Formerly taught as Museum Methods II.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Dental Hygiene Education (DHED)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**DHED 101. Dental Hygiene Academic Orientation** **1 Unit**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to Dental Hygiene Lower Division.

**Description:** This course is designed especially for dental hygiene students. It will include understanding a career in dental hygiene, academic policies and requirements, and making use of the diverse resources offered at a metropolitan research university.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 301. Dental Hygiene Theory I** **3 Units**

**Term Typically Offered:** Fall Only

**Description:** Provides the fundamentals of scientific knowledge and clinical skills necessary for entering the clinical phase of the curriculum of dental hygiene.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 302. Dental Hygiene Principles of Practice I** **2 Units**

**Term Typically Offered:** Fall Only

**Description:** This course is a laboratory course teaching students the concepts and principles of dental instrumentation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 303. Dental Anatomy** **2 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Students must have completed or be in the process of completing all of the prerequisite lower division courses.

**Description:** Nomenclature, morphology, structure, function and occlusion of teeth.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 304. Radiography** **2 Units**

**Term Typically Offered:** Fall Only

**Description:** History and development of the x-ray, its nature and properties, safety precautions, and uses of the x-ray in dentistry. Theory in the fundamentals of oral radiographic technique, darkroom processing, and dental radiographic analysis.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 305. Structural Biology of Head and Neck** **3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Acceptance into the Dental Hygiene Program.

**Description:** Origin and structure of tissues, histology and embryology of teeth, face and oral cavity. Biochemistry as it relates to oral structures. Study of anatomy of oral structures.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 307. Physical Diagnosis and Medical Management** **3 Units**

**Term Typically Offered:** Fall Only

**Description:** Course teaches clinical patient evaluation, emphasizing medical histories and vital signs. Students learn to recognize and manage patients who need treatment and modifications or special precautions for safe dental care.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**DHED 308. Pre-Clinical Radiography** **1 Unit**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** DHED 304.

**Description:** Laboratory experiences in film placement, film mounting, exposure and processing techniques. Application of the techniques of radiographic surveys.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>DHED 309. General and Oral Pathology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Study of disease mechanisms affecting the human body, with particular emphasis on diseases of the oral and paraoral structures. Clinical diagnostic criteria are emphasized and correlated with pathological entities.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 315. Pain and Anxiety Control</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> Acceptance into the Dental Hygiene Program.  <b>Description:</b> Provides basic understanding in the use of local anesthesia and anxiety management techniques for the control of pain and anxiety in the clinical practice of dental hygiene.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 310. Periodontology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 306 and acceptance into the Dental Hygiene Program.  <b>Description:</b> An understanding of the etiology, mechanisms and processes involved in periodontal disease. Emphasis on integration of research findings to provide evidence-based periodontal therapy.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 316. Community Dental Health I</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Summer Only  <b>Description:</b> Course provides students with an overview of the dental health care system, introduces students to epidemiological study methodologies, explores selected dental public health practices and introduces basic skills in program planning.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 311. Dental Materials</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Acceptance into the Dental Hygiene Program.  <b>Description:</b> Physical properties of dental materials and basic principles of their preparation. Students work on typodonts, placing rubber dams, applying matrices, inserting bases and restorative material in anterior and posterior prepared teeth. Polishing of restorations and taking impressions for diagnostic study models are introduced.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 402. Pharmacology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Course focus is drugs and anesthetics, with emphasis on those used in the dental office. Discussion of the origin of drugs and anesthetics, physical and chemical properties, preparation, mode of administration and effects on body systems.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 312. Oral Health Education</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Course addresses theories and principles of health education, assessment and evaluation techniques, and teaching strategies with regards to oral health education. Will include information specific to selected topics such as tobacco cessation and community health education.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 403. Evidenced Based Practice</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Acceptance into the Dental Hygiene Program.  <b>Description:</b> This course is designed to provide students with the analytical skills needed to interpret and evaluate studies that include the collection and analysis of data. The course focuses on research design, and descriptive and inferential techniques commonly used research activities.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 313. Dental Hygiene Theory II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 301.  <b>Description:</b> This course is a continuation of DHED 301.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 404. Special Needs Patients</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Course teaches students about the management of dental patients with a variety of physical, emotional, and psychosocial needs. Will include information about the demographic and sociological trends concerning the elderly and will relate those trends to the dental care delivery system.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 314. Dental Hygiene Principles of Practice II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 302.  <b>Description:</b> This course is the laboratory continuation and beginning clinical component of DHED 302.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 405. Advanced Periodontology I</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> DHED 310.  <b>Description:</b> Introduction to the use of chemotherapeutics in the treatment of periodontal disease. Use of case studies to enhance recognition of periodontal disease and identification of subsequent treatment.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>DHED 406. Community Dental Health II</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> DHED 316.  <b>Description:</b> Course focuses on skills development in assessment, planning, implementation, and evaluation of dental public health programs. Will include practicum to enhance student experience in program planning and critical thinking skills  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 412. Dental Hygiene Principles of Practice IV</b> <b>4 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 314 and DHED 408.  <b>Description:</b> Continuation of DHED 408.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 407. Advanced Technology and Patient Care Procedures I</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Correlation of medical conditions to dental hygiene treatment utilizing both lecture and case study seminars. Emphasizes the application of information technology to improve the management of diagnostic data.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 413. Advanced Periodontology II</b> <b>1 Unit</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 310 and DHED 405.  <b>Description:</b> Continuation of DHED 405.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 408. Dental Hygiene Principles of Practice III</b> <b>4 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> DHED 314.  <b>Description:</b> Continuation of DHED 314 including rotations to dental clinics in other facilities to further acquaint students with diverse oral and medical conditions.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 414. Advanced Technology and Patient Care Procedures II</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 407.  <b>Description:</b> Continuation of DHED 407.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 409. Clinical Radiography I</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> DHED 308 and DHED 304.  <b>Description:</b> Clinical application of radiography and radiology.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 415. Dental Hygiene Ethics and Practice Management</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Role of the dental hygienist as related to the health professions and to the dental hygiene association; relationship of the dental hygienist to members of the health team; principles of professional ethics, laws, rules and regulations covering the practice of dental hygiene and dentistry; introduction to the administration and management of a dental health team.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 410. Advanced Radiology</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 409.  <b>Description:</b> This course teaches advanced extra oral radiography, advanced interpretation and introduction into radiographic case studies. Some campus visits are required to complete the course requirements.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>DHED 417. Dental Hygiene Extramural Education - CUE</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Extramural clinical rotation that affords the student an opportunity to provide patient care and community service projects within a health care delivery system.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>DHED 411. Clinical Radiography II</b> <b>1 Unit</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> DHED 409.  <b>Description:</b> Clinical application of radiography and radiology. A continuation of DHED 409.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>Economics (ECON)</b>                      Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>).                      500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that</p>

they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### ECON 201. Principles of Microeconomics - SB 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An introduction to the supply and demand model of price determination. Includes a theoretical treatment of consumer and producer behavior, a study of industrial structures, and the economic foundation for public policy. Topics may include pricing decisions, entrepreneurship, labor markets, taxation, foreign exchange rates, and advertising.

**Note:** May be taken before ECON 202.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 202. Principles of Macroeconomics - SB 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An introduction to the U.S. economy, including long-term structural developments and short-term fluctuations. Theoretical models are presented to explain changes in national output, the price level, employment, and unemployment. Competing macroeconomic models are examined and contrasted. The models provide a framework for studying fiscal and monetary policy, and the effectiveness of macroeconomic policy during recent economic history is evaluated.

**Note:** May be taken before ECON 201.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 301. Intermediate Microeconomics 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A more advanced treatment of the foundations and applications of microeconomic theory. The standard model of consumer and producer behavior is presented, with a rigorous examination of assumptions and deductions. The model is used to describe market determination of price and quantity of goods and services. Different industrial structures are studied, and the analyses are used to evaluate government policies that affect economic behavior.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 302. Intermediate Macroeconomics 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A survey of macroeconomic theory with emphasis given to the evolution of the various models that attempt to explain the growth in national output and the price level. Applications cover both historical and current macroeconomic problems for the United States and the world economy.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 312. Urban Economics 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Economic theory with a spatial dimension, as applied to urbanized regions. Topics include: land rents, population density, housing markets, distribution of office and manufacturing activity, labor markets, education, public safety, transportation, and economic development.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 321. Money and Banking 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An introduction to the role of money and financial institutions in the economy. An emphasis is placed on the role of the central bank in money creation and the implementation of monetary policy. Analysis of impacts and developments of current financial regulations in a global financial world.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 331. Labor Economics 3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Applies microeconomic theory to the labor market. Emphasis is on the effect of government policies such as minimum wages and welfare reform on individual welfare. Other topics include human capital investments, wage/non-wage trade-offs, and unemployment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECON 341. Public Finance 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** The use of microeconomic theory to examine the effects of government taxation and spending. Topics include externalities, public goods, tax and expenditure incidence, cost-benefit analysis, and optimal tax policy.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ECON 342. State and Local Government Finance</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> A systematic application of microeconomic theory to decisions involving demand, production, cost, supply and financing of state and local public services. Also addresses current theoretical and policy issues in the area of intergovernmental fiscal relations, the incidence of state and local taxes and expenditures, the reform of structure and reform of state and local debt.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ECON 370. Public Choice and Political Economy</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This course studies markets, public goods, externalities, and efficiency. Additional topics include voting, redistributive politics, regulation, social justice, political behavior and public policy, coalition bargaining, and lobbying.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ECON 350. The Economics of Entrepreneurship</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ECON 201 and ECON 202 and Junior standing.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> The application of economic theory to business decision making, with an emphasis on new venture creation. Topics include history of entrepreneurship and entrepreneurial thought, the economics of risk and uncertainty, innovations, economic growth, and industrial studies.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ECON 375. Capitalism and Economic Freedom</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This course examines the historical foundations, different views, and the outcomes of capitalism. The course compares economic freedom and growth among countries. Arguments against and defenses of capitalism are examined.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ECON 355. Health Economics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Examines health care issues by applying microeconomic theory. Particular emphasis on health insurance, managed care, health care production and physician services.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ECON 380. Introduction to Econometrics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ECON 201, ECON 202, and BSTA 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> A study of the theory and application of econometric analysis. Topics include simple and multiple linear regression, correlation, and hypothesis testing. Both conceptual and practical problems are considered, including multicollinearity, heteroscedasticity, and measurement errors. An introduction to simultaneous equation estimation is also presented.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ECON 360. Environmental Economics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This course will give basic insights into why environmental damages and degradation arise, and how such market failures may be addressed. The course covers topics such as environmental valuation, property rights and externalities, sustainable development, poverty and the environment, trade and the environment, climate change policies, and population growth.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ECON 395. Economics Colloquium</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This is a one-hour course in Economics that is conducted as a reading course. Students are assigned readings that are discussed in class.  <b>Note:</b> May be taken up to three times if different course reading assignments are made.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ECON 365. Law and Economics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This course will explore field of law and economics. Standard microeconomic tools are used to examine torts, contracts, and property as well as theory and empirical evidence on criminal behavior.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**ECON 396. Zero-Credit Internship-Economics** 0 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECON 201 and ECON 202, good standing, and validation through the Ulmer Career Management Center.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Application to the zero-credit internship program and completion of orientation processes should be accomplished prior to employment. Students must be Economics majors. A new workplace experience in an approved Economics position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools. This program is available to students who have received the maximum number of co-op credit hours in their major.

**Note:** This course is restricted and requires permission from the Ulmer Career Management Center.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 397. Co-op in Economics I** 1-3 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECON 201, ECON 202, good academic standing and validation from the Ulmer Career Center.

**Description:** Must be an ECON major or minor. A new workplace experience in an approved position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools.

**Note:** This course is restricted and requires permission from the Ulmer Career Management Center.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 398. Co-op in Economics II** 1-3 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECON 201 and 202, good academic standing and validation from the Ulmer Career Center.

**Description:** Must be an ECON major or minor. A new workplace experience in an approved position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools.

**Note:** This course is restricted and requires permission from the Ulmer Career Management Center.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 399. Co-op in Economics III** 3 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ECON 201 and 202, good academic standing and validation from the Ulmer Career Center.

**Description:** Must be an ECON major or minor. A new workplace experience in an approved position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools.

**Note:** This course is restricted and requires permission from the Ulmer Career Management Center.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 401. Mathematical Economics** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** MATH 180 or MATH 205 and ECON 301; or faculty consent.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** The mathematical tools of modern economics, illustrated with economic applications. Topics include the calculus of optimization problems, linear algebra, equilibrium conditions for systems, dynamic models, difference and differential equations, and mathematical programming.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 402. Econometrics II** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ECON 301; ECON 380; and MATH 180 or MATH 205.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** This course reviews statistical inference using multiple regression (OLS) analysis and model specification. Additional topics include panel data methods, instrumental variables, two-stage least squares with IV methods, simultaneous equations models, limited dependent variable models using MLE and presentation of results in technical presentations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 410. Advanced Price Theory** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ECON 301 and MAT 180 or MATH 205; or faculty consent.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** This course extends the formal analysis of microeconomic theory to include market imperfections covering monopoly power, agents with limited information, externalities, and choice under uncertainty. Extensions also include an introduction to macroeconomic modeling relying on explicit microfoundations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ECON 414. Applied Financial Econometrics** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Math 180 or Math 205, and FIN 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Econometric application of economic and financial concepts and principles related to corporate finance, investments, financial markets, and international finance. Quantitative techniques include time series analysis, exponential smoothing, and regression analysis.  
**Note:** Cross-listed with FIN 414.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECON 415. Game Theory** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ECON 201; MATH 180 or MATH 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Introduction to game theory and strategic behavior. Dominance, backward induction, Nash equilibrium, commitment, credibility, asymmetric information, and signaling. Applications from economics, politics, sociology, and other real-life situations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECON 421. History of Economic Thought** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ECON 201 and ECON 202.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** An exploration of the theory and method of economic analysis and the emergence of economic thought. Covering ancient times to the present, study centers on mercantilism, classicism, marginalism, neoclassicism, and contemporary thought. Attention is given to the context of the framework of ideas that surrounded economists' theoretical contributions. Alternative approaches, such as Austrian economics and historicism are also examined.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECON 431. International Trade** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ECON 201, ECON 202 and Math 180 or Math 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** An introduction to international trade theory, the balance of payments, foreign exchange markets, and trade policies between countries. The postwar problems, international agencies, and the changing structure of international trade are discussed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECON 433. Financial Markets and Institutions** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** FIN 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course provides a study of financial institutions such as banks and financial instruments and markets such as the stock, bond, money and mortgage markets. The course integrates macro-economic concepts such as interest rate determination and the role of the Federal Reserve with asset valuation and the movement of capital in the financial marketplace. Commercial bank financial statements and key risks are covered. Periods of financial crises are also examined. Options, futures and swaps are discussed in the context of hedging risks in banks and other types of firms. The course builds heavily on the concepts of time value of money and risk and return, as developed in previous courses.  
**Note:** Cross-listed with FIN 433.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECON 439. Emerging Market Economies** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ECON 201, ECON 202 and Math 180 or Math 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** The organization and operation of Soviet-type and developing-world economies. Both theory and practice are examined. The nature and goals of the planning process, resource allocation, public finance, pricing and foreign trade are discussed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECON 442. Public Policy and Industrial Organization** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ECON 201, ECON 202 and Math 180 or Math 205.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Economic analysis of different market structures including study of price behavior, cost and profit, and economic welfare. Attention is also given to government policy toward the business sector, including antitrust policy, regulation of business and public ownership of business. Specific attention is given to vertical integration, measurement of industrial concentration, conglomerate pricing behavior, technological innovation and its impact on market structure, and the economics of the patent system.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECON 475. Senior Economics Seminar - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** MATH 180 or MATH 205, ECON 301, ECON 302, Senior status, and Enrollment in College of Business.**Fee:** An additional \$45.00 is charged for this course.**Description:** A synthesis of theoretical and empirical training applied to a variety of economic questions. Major topics drawing from microeconomics and macroeconomics are discussed in a seminar/workshop format. A senior paper is required.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ECON 490. Special Topics in Economics** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ECON 201.**Fee:** An additional \$45.00 is charged for this course.**Description:** A variety of topics in economic theory and/or its application will be studied. Course content will vary but the content will not duplicate current offerings.**Note:** A student may take this for credit more than once as long as the same topics were not covered in the previous course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ECON 491. Special Topics in Economics and Finance** 3 Units**Description:** Topics of current importance to students of economics and finance will be studied. Content of course will vary but will not duplicate current offerings. This course may be repeated for credit as long as content or topics were not already covered by the student in this course.**Note:** Cross-listed with FIN 491.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ECON 499. Independent Study in Economics** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Written proposal must be sponsored by at least one faculty member and approved by the Department Chair.**Fee:** An additional \$45.00 is charged for this course.**Description:** A special, high-level study primarily for honor students. Arrangements must be made between the student and a faculty member.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ECON 500. Foundations of Economics** 3 Units**Prerequisite(s):** Consent of instructor.**Description:** Survey of supply and demand analysis, cost and production, and price determination in different market organizations. Analysis of GDP, unemployment, inflation, and economic growth.**Note:** Cross-listed with PLAN 500.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Education: Advanced Practitioner (EDAP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**EDAP 510. Special Topics in Instruction** 3 UnitsFor class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**EDAP 511. Reading and Writing in Content Areas** 3 Units**Prerequisite(s):** 12 hours in education or psychology, or consent of instructor.**Description:** A comparison of the developmental and remedial reader at the middle and secondary levels, with emphasis on developing instructional strategies, materials, and programs in middle and secondary content areas.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**EDAP 518. Survey of Linguistics for Educators** 3 Units**Term Typically Offered:** Occasionally Offered**Description:** This course is a survey of both the theoretical and applied aspects of Linguistics. This is not an in-depth exploration of single-topic in the field of Linguistics but rather, a course designed to introduce students to the discipline of linguistics, especially those who are classroom educators. This course serves to introduce students to aspects of theoretical linguistics (phonology, morphology, syntax, semantics, and pragmatics, L1 & L2 acquisition) and explore various aspects of applied linguistics (Sociolinguistics, Linguistic Anthropology, English Language Learners). This course will encourage students to think critically about language and its use and apply the theoretical aspects of linguistics in a way that informs best practices.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**EDAP 521. Teaching English Learners in the Classroom** 3 Units**Description:** A focus on strategies for working effectively with English learners and their families by teachers in P-12 classrooms.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- EDAP 525. World Englishes** **3 Units**  
**Prerequisite(s):** EDAP 518 (or concurrently).  
**Description:** Exploring the historical, social, and political contexts of the discipline of World Englishes. Topics such as language standardization, the internationalization of English, and challenges of teaching and testing of English as an international language will be discussed.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 530. Language, Society & Power** **3 Units**  
**Prerequisite(s):** EDAP 518 (or concurrently).  
**Description:** Exploring the intersection of language and culture by challenging students to think critically about language and culture and the impact of both across ages, genders, social classes, ethnicities, and personal identities.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 535. Teaching English as an International Language** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** EDAP 518 (or concurrently) or permission of the ESL program coordinator.  
**Description:** This course will introduce students to the theoretical construct and practical consideration of teaching English overseas. It necessarily assumes English language teaching is an activity infused with social and political implications. By providing a theoretical construct as the course platform, the course will explore the roles of teachers and learners, the context of curricula, and the choice of methodology to reflect the cultural values of teaching English in an international setting.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 536. Theories of Play** **3 Units**  
**Prerequisite(s):** Graduate status.  
**Description:** This course offers knowledge about how play contributes to young children's development and learning.  
**Note:** Cross-listed with EDSP 436.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 540. Teaching Adolescent Readers** **3 Units**  
**Description:** Examines active reading processes, instructional strategies, and appropriate adolescent literature for teaching both the developmental and the remedial reader in secondary language arts.  
**Note:** Cross-listed with EDTP 540.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 541. Middle-Level Learner** **3 Units**  
**Description:** The course is designed for practicing teachers in middle school or preparing to teach in middle school. The course is an in-depth study of the philosophical approach to educating young adolescent learners. The course will focus on the developmental issues and curricular concepts related to teaching at the middle-level.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 546. Mathematical Reasoning in K-12** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** This course examines mathematical processes and practices that define mathematical proficiency and explores instructional practices to ensure students develop mathematical competence and confidence.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 582. Teaching Gifted Students in the Regular Classroom** **3 Units**  
**Description:** Introduction to the nature and needs of gifted, talented, and creative children in K-12 classrooms, ways to meet these needs, and ways to increase gifted behaviors in a greater number of children than those already identified.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 585. Introduction to Educational Technology: Integrating Technology into Instruction** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Develop a skill base in using and critically evaluating the usefulness, validity, and viability of instructional technologies appropriate for use in the P-12 classroom.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 587. Teaching and Learning Online** **3 Units**  
**Description:** This course is designed to help students actively explore multiple and varied ways to use online tools and resources to support learning in P-12 and higher education contexts.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 590. Teacher Institute on African-American Issues** **3 Units**  
**Description:** An introduction to Pan-African Studies focusing on multicultural educational strategies for public school educators.  
**Note:** Cross-listed with PAS 529.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDAP 591. Survey of African History and Culture for Teachers** **3 Units**  
**Description:** An intensive survey of the history and culture of Africa (to 1600) for teachers.  
**Note:** Cross-listed with PAS 530.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 592. Survey of African-American History and Culture for Teachers** **3 Units**

**Description:** An intensive survey of the history and culture of African Americans for teachers.

**Note:** Cross-listed with PAS 531.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 596. Seminar in Elementary Education** **1-4 Units**

**Description:** The investigation of special problems in education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDAP 597. Seminar in Elementary Education** **1-4 Units**

**Description:** The investigation of special problems in education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Education: Educational Leadership, Evaluation, and Organizational Development (LEAD/ELFH)

**Note:** LEAD courses were offered under the ELFH subject code through spring 2020.

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**LEAD 110. Introduction to Leadership** **3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** The purpose of this course is to cover topics foundational to leadership. These topics include self-awareness and personal development, dealing with change and transition, and formulating a strategic personal vision. The course utilizes personal inventories, directed readings, and discussion to provide structured reflection about self-concept, development, and future action planning. This course is taught at the introductory level and requires active participation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 220. Data Analytics in Organizations** **3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** The purpose of this course is to develop the knowledge, skill, and ability to manage, analyze, and present data needed to understand human dynamics in the organizational environment. By exploring different analytic techniques including how best to present information, the decision-making process can be more efficient and effective in time to decision making through understanding the meaning of the data. This course focuses on concepts of presenting data from initial concepts to final presentation. A variety of methods will be presented and discussed covering planning, data gathering, data validation, data analytics, and visual presentation, with an emphasis on presentation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 250. A+ Certification: Core Hardware** **2 Units**

**Grading Basis:** Pass/Fail

**Description:** Installation, configuration, upgrading and troubleshooting computer components. Offered through distance education-online, prepares student for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 251. A+ Certification: Operating System Technologies** **2 Units**

**Grading Basis:** Pass/Fail

**Description:** Install, configure, upgrade and troubleshoot computers and computer networks. Offered through distance education (online), prepares student for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 252. Network + Certification** **2 Units**

**Grading Basis:** Pass/Fail

**Description:** Study of Internet, Intranets and Extranets infrastructure and services. Offered through distance education- online, prepares student for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 253. Master Certified Internet Webmaster Designer (CIW: E-Commerce Designer)** **2 Units**

**Grading Basis:** Pass/Fail

**Description:** Standards, technologies and practices of business-to-business and business-to-consumer models, relationship of purchasing, payment and processing online web enabled sites. Offered through distance education (online), prepares student for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- LEAD 254. Master Certified Internet Web Designer (CIW): Site Designer** **2 Units**  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** LEAD 253.  
**Description:** Create and manage Web sites using HTML, Dream Weaver, Flash, Homesite, Dynamic HTML. XML, various multimedia and Commercial Site Services standards. Offered through distance education - online, prepares student for industry certification exam.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 255. I Net +** **3 Units**  
**Grading Basis:** Pass/Fail  
**Description:** Study of Internet, Intranets and Extranets infrastructure and services. Offered through distance education (online), prepares student for industry certification exam.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 256. Technology in Our World Today - SB** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course prepares students to analyze the role of leadership in organizational technology initiatives by achieving micro-credentials and technology trophies/badges/certificates from various vendors such as: Microsoft, IBM, and Google, etc. This course is taught at the introductory level.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 257. Technology Industry Badges II** **3 Units**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** LEAD 256.  
**Description:** This course prepares students to achieve micro-credentials and badges from Microsoft, IBM, and Google. It is intended for those seeking to enhance work ready skills using technology products and services. At least three advanced level badges must be achieved to pass this course. This course is taught at the advanced level.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 258. Microsoft Certified System Engineer (MCSE) Implementing and Administering Microsoft Windows 2000 Net** **3 Units**  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** LEAD 257.  
**Description:** Implementation and administration of a Microsoft Windows 2000 Network. Offered through distance education (online), prepares student for industry certification exam.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 259. Microsoft Certified System Engineer (MCSE)** **2 Units**  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** LEAD 258.  
**Description:** Implementation and administration of a Microsoft Windows 2000 Active Directory and the associated components with Active Directory. Offered through distance education - online, prepares student for industry certification exam.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 260. Microsoft Certified System Engineer (MCSE) Installing, Configuring, and Administering Microsoft Exch** **2 Units**  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** LEAD 259.  
**Description:** Implementation and administration of a Microsoft Windows Exchange 2000 Server. Offered through distance education (online), prepares student for industry certification exam.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 261. Microsoft Certified System Engineer (MCSE) Installing, Configuring and Administering Microsoft SQL S** **1 Unit**  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** LEAD 260.  
**Description:** Implementation and administration of a Microsoft Windows SQL 2000 Server. Offered through distance education, prepares students for industry certification exam.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 290. Occupational Courses** **2-42 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 12 semester hours in the program courses with a B or better average in 4 courses.  
**Description:** Vocational and occupational credit from accredited institutions such as universities, community colleges, and private and public schools accredited by agencies recognized by the National Commission on Accrediting.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 291. Occupational Learning** **2-48 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 12 semester hours in program courses with a B or better average in the four courses.  
**Description:** Credit may be earned by documenting learning from experience in a teachable occupation or family of occupations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 300. Prior Learning Assessment** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Provisional admission to the program, and extensive prior work experience and /or job related college credit.  
**Description:** Introduces students to the process/product of documentation of workplace learning and assessment of their mastery of the program standards. Must be taken within the first year.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>LEAD 301. Basic Skills for Success</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Introduces students to key university and program resources. Students will also assess their personal learning style in relationship to the competencies needed for success in this program. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 307. Prior Learning Assessment for Healthcare Leaders</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> To provide healthcare leadership students with key university and program resources with learning the process of documentation, and creation of a product for documentation, for workplace learning. In addition, students will be able to identify their own personal and professional competencies while making connections between these competencies and the skills/competencies required for success in the program.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 302. Prior Learning Documentation</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Extensive prior work experience and/or job related college credit.  <b>Description:</b> Introduces students to the process of documentation, and creation of product for documentation, of workplace learning. Students will be able to identify appropriate standards to evaluate college-level, credit-worthy work-related learning.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 308. Needs Assessment in Healthcare Organizations</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will be introduced to the conceptual and theoretical foundations and process of organizational needs assessment in healthcare organizations. Particular focus will be paid to developing an understanding of the basics of the needs assessment process.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 303. Self-Assessment</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This course will assist students in identifying their own personal and professional competencies. Students will make connections between these competencies and the skills/competencies required for success in this program.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 309. Managing Projects in Healthcare Organizations</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> The course provides an overview of project planning and management tools/techniques used in managing projects in healthcare organizations.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 304. Understanding Needs Assessments</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will be introduced to conceptual and theoretical foundations of organizational needs assessment. Particular focus will be paid to developing and understanding the basics of the needs assessment process.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 310. Healthcare Presentations and Group Facilitation</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Develop instructional design strategies for successful healthcare work force advancement. Explore the dynamics of teams, along with groups and facilitating group decision-making through the development of meeting agendas and objectives, managing meetings, and team decision-making strategies in healthcare organizations.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 305. Identifying Needs Assessments</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will learn the needs assessment process for gathering information related to workforce specific organizational needs. Particular attention is paid to identification of appropriate needs assessment processes.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 311. Needs Assessment</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Admission to the College of Education and Human Development.  <b>Description:</b> Needs assessment related to occupationally specific training and/or organizational needs is addressed. Students develop a proposal to conduct a needs assessment and a customized data collection instrument.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 306. Applying Needs Assessments</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will learn the needs assessment process. Particular attention will be paid to the steps of constructing a needs assessment tool and to applying these steps to real world situations.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

- LEAD 312. Designing Learning** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission to the College of Education and Human Development.  
**Description:** Development of curriculum relevant to specific job requirements in occupations. Includes development of analyses, measurable performance objectives, lesson designs and course materials.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 314. Diversity in the Workplace - SB, D1** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This class examines various aspects of diversity and inclusion from a societal perspective, and within the workplace environment. Various human resource management principles will be discussed, and this course will also review, analyze, and ascertain themes of diversity including (but not limited to): race, ethnicity, culture, socio-economic status, world view, the LGBTQ community, persons with disabilities, socio-cultural factors, gender equity, legal perspectives, and social justice.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 315. Supervised Work Experience Internship** **3-24 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Includes job skills and knowledge, management-worker-union relations, supervised instruction, conferences and evaluations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 316. Instructional Strategies and Group Facilitation Techniques** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission to the College of Education and Human Development.  
**Description:** Develop instructional design strategies and group facilitation techniques for education and work place initiatives. Teach critiqued lessons to communicate knowledge and skills needed for successful work force advancement.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 317. Instructional Techniques & Strategies** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Develop instructional design strategies for educational and workplace initiatives. Teach critiqued lessons to communicate the knowledge and skills needed for successful work force advancement.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 318. Managing Group Dynamics** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Explore the dynamics of groups and learn how to manage them by identifying functions of groups and teams, types of groups, stages of team development, and components of teams.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 319. Facilitating Group Decision Making** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Learn how to facilitate group decision-making through the development of meeting agendas and objectives, managing meetings, and team decision-making strategies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 320. Related Science, Mathematics, and Technology in Training** **6 Units**  
**Prerequisite(s):** At least 9 semester hours coursework in the program.  
**Description:** May be used in the specialization component of the BS in Occupational Education with concentration in Teacher Preparation. Credit may be earned only through examination.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 321. Manipulative Skills in Occupations** **6 Units**  
**Prerequisite(s):** At least 9 semester hours coursework in the program.  
**Description:** Credit may be earned only through examination.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 322. Knowledge of Related Subjects in Training and Development** **6 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** At least 9 hours coursework in the program.  
**Description:** May be used in the specialization component of the BS in Occupational Education with concentration in Teacher Preparation. Credit may be earned only through examination.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 324. Antiracism: A Fundamental to a New System** **3 Units**  
**Description:** Examination of the challenges and rewards of individual and group differences within workplaces. Focus on application of cultural competence and diversity solutions to meet group, organizational, and societal development goals. (3hrs)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 330. Special Needs and Technical Education** **3 Units**  
**Prerequisite(s):** Admission to the College of Education and Human Development.  
**Description:** A study of curriculum, methods, and facilities modifications necessary to meet the needs of disadvantaged and handicapped learners.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>LEAD 332. Measuring and Evaluating Effectiveness</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Admission to the College of Education and Human Development.  <b>Description:</b> Theories and procedures involved in assessing the effectiveness of instructional programs and learning in the cognitive, psychomotor and affective domains.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 350. Oracle Certified Professional Database Administrator (OCPDBA): SQL and PL/SQL</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Description:</b> Implementation and understanding of Oracle relational database concepts and the use of SQL for data storage, and database manipulation. Offered through distance education-online, prepares student for industry certification exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 340. Talent Acquisition and Development</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> People are a key competitive advantage in organizations. This course provides you with an overview of the elements that go into a successful staffing strategy. The course provides an introduction to such key topics as human resources planning, job analysis, recruitment, assessment, selection and final hiring decision. We will review various staffing tools and techniques examining issues of reliability, validity, legality, and fairness. The course also will look at designing and executing employee career development programs.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 351. Oracle Certified Professional Database Administrator (OCPDBA): Architecture &amp; Administration</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Description:</b> Implementation and understanding of Oracle relational database concepts and the use of SQL for data storage and database manipulation. Offered through distance education (online), prepares student for industry certification exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 341. Managing Projects in the Workplace</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Admission to the College of Education and Human Development.  <b>Description:</b> Overview of techniques used in managing work projects.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 352. Oracle Certified Professional Database (OCPDBA): Backup and Recovery</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Description:</b> Implementation and understanding of Oracle backup recovery goals and functions of Oracle 8i. Offered through distance education (online), prepares student for industry certification exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 344. Project Planning Elements</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> The course provides an overview of project management terminology, tools, and techniques used in managing a work-related project. Elements introduced are SWOT analysis, stakeholder analysis, project contract, and kickoff meeting.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 353. Oracle Certified Professional Database Administrator (OCPDBA): Network Administrator</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Description:</b> Oracle 8i architectural; administration and centralized Naming concepts, advanced security options, concepts of encryption, authentication with Oracle 8i databases. Offered through distance education (online), prepares student for industry certification exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 345. Managing Projects Effectively</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> The course provides an overview of project management terminology, tools, and techniques used in managing a work-related project. Elements introduced include a scope document, business case, and work breakdown structure.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 354. Oracle Certified Professional Database Administrator (OCPDBA): Performance and Tuning</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Description:</b> Deploying Oracle 8i, and fine tune operations with Oracle databases utilizing the tools and technologies with the product. Offered through distance education (online), prepares student for industry certification exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 346. Project Oversight</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> The course provides techniques used in the oversight of a work-related project. Elements introduced are Gantt chart, communication plan, risk management, and quality management plan.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 355. Cisco Certified Network Professional (CCNP): Cisco Certified Network Administrator</b> <span style="float: right;"><b>2 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Description:</b> Emphasis on terms, concepts, technologies and devices used in networking. Install, configure and troubleshoot Cisco switches and routers. Offered through distance education (online), prepares student for industry certification exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**LEAD 356. Cisco Certified Network Professional (CCNP): Building Cisco Multilayer Switching Networks 2 Units**

**Grading Basis:** Pass/Fail

**Description:** Identify basic features of VLANs, characteristics of Bridge Protocol Data Units, features of the distribution layer and of external route processors. Offered through distance education (online), prepares students for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 357. Cisco Certified Network Professional (CCNP): Building Cisco Remote Access Networks 2 Units**

**Grading Basis:** Pass/Fail

**Description:** Builds knowledge about remote access network to interconnect central sites to branch offices using WAN technologies. Offered through distance education (online), prepares student for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 358. Cisco Certified Network Professional (CCNP): Building Scalable Cisco Networks 2 Units**

**Grading Basis:** Pass/Fail

**Description:** Primary emphasis on controlling traffic over LANs and WANs. Offered through distance education (online), prepares for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 359. Cisco Certified Network Professional (CCNP): Internetworking Troubleshooting Support 2 Units**

**Grading Basis:** Pass/Fail

**Description:** Internetworking, troubleshooting and background understanding of routers and switches utilized for multi-protocol client hosts and servers. Offered through distance education (online), prepares student for industry certification exam.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 360. Higher Education in the United States - SB, D1 3 Units**

**Term Typically Offered:** Fall Only

**Description:** The purpose of this course is to consider the purpose(s) of higher education over time in the United States, including the tensions that related to the structure and diverse roles of higher education in society. It examines different roles higher education plays for individuals and societies, offering opportunity for student self reflection, and considers the often inequitable pathways to and outcomes of higher education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 390. Advanced Occupational Courses 2-18 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** 12 semester hours in the program courses with B or better average in the 4 courses.

**Description:** Upper level vocational credit from accredited institutions such as colleges and universities, both private and public, and other agencies recognized by the National Commission on Accrediting.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 391. Advanced Occupational Learning 2-18 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** 12 semester hours in the program courses with a B or better average in 4 courses.

**Description:** Credit may be earned by documenting learning from experience in a teachable occupation or family of occupations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 401. Strategic Human Resources Management and HR Law 1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Overview of the field of human resource management (HRM), and the roles and competencies required in HRM. Federal laws affecting HRM are investigated.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 402. Human Resources Recruitment and Selection 1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Study of the staffing function in healthcare organizations. Skills and processes needed for job analysis, recruitment, and selection are investigated.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 403. Human Resource Performance Management and Compensation 1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Study of the human resource functions of performance management and compensation in healthcare organizations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 404. Career Management 1 Unit**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** This course addresses knowledge, skills, and dispositions for workforce leaders in career management to maximize performance and goal attainment at individual, group, and organizational levels.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- LEAD 405. Assessing Talent** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course addresses knowledge, skills, and dispositions for growing leaders in healthcare through talent assessment to maximize performance and goal attainment at individual, group, and organizational levels.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 406. Coaching for Performance** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course addresses knowledge, skills, and dispositions for workforce leaders in coaching in order to maximize performance and goal attainment at individual, group, and organizational levels.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 407. Diversity and Inclusion in the Workplace** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** To uncover aspects of diversity from cultural, workplace and global perspectives. To examine theoretical and practical means of cross-cultural understanding, inclusion, and various laws and legislation that are relevant within the workplace.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 408. Competing Perspectives and Rules** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Examination of equity and fairness in employment, and non-discrimination practices within the workplace. To analyze various leadership and interpersonal relationship best practices, to foster a more inclusive workplace setting.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 409. Global Workforce** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Examination of theoretical and practical means of cultural diversity, worldview and multicultural awareness in the workplace from a global perspective. To uncover workplace practices that are incorporated internationally, and to examine human resource-related practices from a global perspective.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 410. Fundamentals of Healthcare Human Resource Management** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course provides an opportunity to study the human resources management (HRM) functions and roles of performance management and compensation in healthcare organizations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 411. Human Resource Fundamentals** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission to the College of Education and Human Development.  
**Description:** Overview of roles in the field of resource management in context of the overall field of HRM, the relationship to workplace performance improvement, and roles and competencies required in workforce leadership.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 412. Coaching and Talent Development** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission to the College of Education and Human Development.  
**Description:** This course addresses knowledge, skills, and dispositions for workforce leaders in talent management, career development and coaching strategies to maximize performance and goal attainment at individual, group and organizational levels.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 413. Management of Diversity in Healthcare Organizations** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Examination of theoretical and practical means of cultural diversity, worldview and multicultural awareness in the workplace from a global perspective. To cover workplace practices that are incorporated internationally, and to examine human resource-related practices from a global perspective within the area of healthcare.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 415. Organizational Change in Healthcare** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Focus on strategies for effecting whole organization and process change in healthcare organizations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LEAD 416. Principles of Healthcare Leadership and Management** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course provides an introduction to healthcare management, along with concepts, theories, and application of strategic leadership and management principles for increasing the effectiveness of healthcare organizations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>LEAD 417. Coaching and Talent Management in Healthcare</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This course addresses knowledge, skills, and dispositions for growing leaders in healthcare to maximize performance and goal attainment at individual, group, and organizational levels. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 424. Organizational Partnership and Community Engagement</b>      <b>3 Units</b>  <b>Description:</b> Examination of the challenges and rewards of individual and group differences within workplaces. Focus on application of cultural competence and diversity solutions to meet group, organizational, and societal development goals. (3hrs)  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 418. Conflict Management in Healthcare Organizations</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will be introduced to different aspects of conflicts, negotiation, mediation and other alternative dispute resolution mechanisms in healthcare organizations. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 427. Principles of Management</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This course provides an introduction and application of the management functions of planning, organizing, leading and controlling as they apply to healthcare leadership. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 419. Healthcare Workplace and Information Ethics</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Study and application of ethical perspectives at individual, group, organizational, and societal levels, as they apply to leadership in healthcare workplaces. Includes examination of social responsibility. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 428. Understanding Leadership</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This course provides an introduction to leadership, exploring: what it is, ideal leaders, followers, different perspectives, self-leadership, trait theories and creativity. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 420. Conflict Management in the Workplace</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Study and discussion of conflict, its types, sources, and process with special emphasis in conflict in organizations. Introduction to negotiation, mediation and other alternative dispute resolution mechanisms. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 429. Leading and Leadership</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This course provides an introduction to leading and leadership. Concepts of power, influence, conflict and change as it relates to leadership will be explored. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 421. Understanding Conflict in Organizations</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will study and discuss different aspects of conflict, its types, sources, and process with special emphasis on conflict in organizations. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 430. Healthcare Finance and Accounting</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Introduction to healthcare finance and accounting including: health business basics; how services are paid; pricing decisions and profit analysis; planning and budgeting; capital investment decisions; reporting profits, assets, financing, and cash flows; assessing organizational financial condition. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 422. Conflict Management</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Student will study strategies to manage and transform conflict in organizations so that it is constructive or functional. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>LEAD 431. Healthcare Information Management</b>      <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will be introduced to conceptual and theoretical foundations of healthcare information management. Focus will be paid to developing an understanding about processes used to manage healthcare information management. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>LEAD 423. Dispute Resolution</b>      <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Students will be introduced to negotiation, mediation and other alternative dispute resolution mechanisms. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

<p><b>LEAD 432. Healthcare Quality Evaluation</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Description:</b> Students will be introduced to conceptual and theoretical foundations of healthcare quality evaluation. Particular focus will be on developing an understanding of the basics of the quality evaluation process.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>LEAD 450. Healthcare Leadership - CUE</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Prerequisite(s):</b> Successful completion of all previous CBE Healthcare Leadership courses.</p> <p><b>Description:</b> The course includes a Culminating Experience reflection, a Program Exit Portfolio, and a Capstone Project.</p> <p><b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.</p>	<p><b>3 Units</b></p>
<p><b>LEAD 433. Healthcare Law and Ethics</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Description:</b> Students will explore and examine the legal, policy and ethical issues that engage healthcare professionals in the ever-changing healthcare system. Particular focus will be on developing professionalism, both personally and organizationally.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>LEAD 442. Supporting Organizational Change</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Prerequisite(s):</b> Admission to the College of Education and Human Development.</p> <p><b>Description:</b> Focus on the reasons for and causes of change in organizations, and the professional and personal competencies to support change.</p> <p><b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p><b>3 Units</b></p>	<p><b>LEAD 460. Adult Learning and Diversity</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Prerequisite(s):</b> Admission to the College of Education and Human Development.</p> <p><b>Description:</b> An overview of the theories and principles of adult learning and diversity with an emphasis on their application to the education and helping professions. Applications of career planning and talent management.</p> <p><b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p><b>3 Units</b></p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>		<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>LEAD 444. Leading Change</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Description:</b> Focuses on the reasons for and causes of change in organizations, and the professional and personal competencies to support change.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>LEAD 490. Leadership and Management</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Prerequisite(s):</b> Admission to College of Education and Human Development.</p> <p><b>Description:</b> Introduction and application to the management functions of planning, organizing, leading and controlling as they apply to leadership of workplace learning and performance.</p> <p><b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p><b>3 Units</b></p>
<p><b>LEAD 445. Organization Development</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Description:</b> Focus on organization development and change and interventions.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>LEAD 446. Whole Organization and Process Change Interventions</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Description:</b> Focus on strategies for effecting whole organization and process change in healthcare organizations.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>LEAD 498. Special Topics in Organizational Leadership &amp; Learning</b></p> <p><b>Term Typically Offered:</b> Fall, Spring, Summer</p> <p><b>Description:</b> To enable students to gain knowledge, skills, and competencies on topics related to organizational leadership. Provides advanced study on selected topics or emerging issues related to leading, managing, influencing and understanding people, processes, and positions within organizations.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

**LEAD 501. Independent Study: Training or Technical Education 1-3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Provides Training and Development students with course credit for special investigation into areas not currently subsumed in existing courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 510. Teaching Career and Technical Education 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Admission to the College of Education and Human Development.

**Description:** A study of teaching practices as they apply to beginning teachers. Emphasis on practical procedures needed to succeed in teaching.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 511. Ethical Theories and Ethical Problem-Solving 1 Unit**

**Description:** Students will study and apply ethical perspectives at the individual level in healthcare workplaces.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 512. Individual Ethics in the Organization 1 Unit**

**Description:** Study and application of ethical perspectives at individual, group, and organizational levels, as they apply to leadership in healthcare workplaces.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 513. Building Ethical Organizations 1 Unit**

**Description:** Study and application of ethical perspectives at individual, group, organizational, and societal levels, as they apply to leadership in healthcare workplaces. Includes examination of social responsibility.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 515. Supervised Staff-Industry Exchange 1-3 Units**

**Prerequisite(s):** Career & Technical Education Teacher Certification.

**Description:** Provides essential improvement experience for the occupational education teacher through placement in occupationally oriented job situations which are evaluated to assist the teacher in implementing new skills and updating techniques in the classroom.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 540. Program Exit Experience - CUE 2-8 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Approval of instructor; admitted to College of Education and Human Development.

**Description:** Capstone experience, includes supervised professional work experience related to student's program and professional goals, and a program exit portfolio with program reflection paper.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 574. Using Productivity Tools 3 Units**

**Description:** Overview of applications of microcomputers and electronic media systems for instruction and management. Emphasis is placed upon use of general purpose integrated computer software. Current issues involving technology use for training/instruction and work/classroom/school management will be the focus for the course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 575. Instructional Technology 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** LEAD 311.

**Description:** This course provides knowledge and hands-on experience of current and emerging workforce instructional technologies. Students will learn theory and various technology-enhanced learning solutions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 577. Knowledge Management and Information Systems 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to the College of Education and Human Development.

**Description:** Overview of knowledge management strategies and applications. Examinations of tools and technologies used in organizations to support knowledge management and transfer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 578. Workplace and Information Ethics 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study and application of ethical perspectives at individual group, organizational, and societal levels, as they apply to leadership in workplaces and management of organizational information. Includes examination of social responsibility.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 581. Culminating Experience on Personal Growth** 1 Unit

**Description:** Student analyzes changes in competency-related learning from pre-to-post-program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 582. Program Exit Experience** 1 Unit

**Description:** Student completes a Program Exit Portfolio, which provides the student the opportunity for reflection on accumulated content and experiences.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 583. Capstone Project** 1 Unit

**Description:** Student completes a capstone project that is the culmination of the student internship experiences, program portfolio, and reflection paper.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LEAD 596. Seminar** 1-9 Units

**Term Typically Offered:** Occasionally Offered

**Description:** The investigation of special problems in training and development.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Education: Special Education (EDSP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**EDSP 180. Intro to Special Ed** 3 Units

**Description:** An overview of the field of Special Education, including, laws, eligibility process, service models, and procedural safeguards. Special emphasis is given to those with learning & behavioral disorders.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 181. Field Experience in Special Ed** 3 Units

**Description:** This course is designed to provide opportunities for interaction with students with disabilities in educational settings, in order to develop a fuller understanding of the nature and educational need of these students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 218. Technology for Students with Disabilities** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Develop a skill base in using and critically evaluating the usefulness, validity, and viability of assistive and instructional technologies appropriate for use with students with disabilities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 240. Introduction to Exceptional Children** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Acquaints students with the characteristics and needs of children with a variety of exceptionalities: learning, physical, and mental disabilities, emotional behavior, and attention deficit disorders; other health impairments; giftedness.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 260. Classroom Behavior Management** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** The study and application of behavioral principles for effectively managing classroom environments.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 294. Teaching Individuals with Physical, Health and Multiple Disabilities** 3 Units

**Term Typically Offered:** Spring Only

**Description:** Surveys the causes and educational implications of physical disabilities (cerebral palsy, spina bifida), sensory impairments (vision and hearing), health (cystic fibrosis, HIV/AIDS), and multiple disabilities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 300. Creativity and the Young Child** 3 Units

**Term Typically Offered:** Spring Only

**Description:** Theories of creativity development and research-based approaches to teaching creativity in young children across content areas.

**Note:** Cross-listed with EDSP 600.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 337. Collaboration, Inclusion and Transition** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Develops knowledge, skills, and dispositions for positive collaboration with parents, peers, and specialists serving students with disabilities. Includes a minimum of 15 hours of field placement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 345. Special Populations in Schools 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Teacher Education; concurrent enrollment in EDSP 346.

**Description:** Characteristics and needs of gifted/talented, students with disabilities, English language learners, and other special populations; curricular and instructional approaches to challenge and support them in the regular classroom.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 346. Special Populations in Schools Field Experience 1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Teacher Education.

**Corequisite(s):** EDSP 345.

**Description:** Field experience observing and working in middle/secondary classrooms.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 395. Autism: Science, Culture and Identity - SB 3 Units**

**Term Typically Offered:** Fall Only

**Description:** The purpose of this course is to increase students' understanding of scientific, historical and cultural approaches to conceptualizing human conditions such as autism spectrum disorder. Autism will serve as a case study of the interaction of science, culture and history in assigning meaning to aspects of human diversity. Students will develop a perspective on how the interplay of science and culture influence the meaning and treatment of disability. Students will critically analyze theories of autism and research literature, as well as read historical, fictional and first-person accounts of autism. Students will engage in discourse and scholarly writing related to the treatment of individuals on the autism spectrum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 396. Independent Study in Special Education 1-3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Independent study on a topic or question agreed upon and supervised by a faculty member and approved by the department chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 397. Special Topics in Special Education 3 Units**

**Term Typically Offered:** Summer Only

**Description:** Current topics within the field of special education. Course topics will vary as needed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 420. Assessment of Exceptional Learners 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** EDTP 355 and admission to teacher education.

**Description:** Addresses the knowledge and skills needed to conduct assessment procedures, interpret data, and use assessment data in educational decision-making for students with special needs in a legal and ethical manner.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 422. Transition Programs and Services for Children and Youth with Disabilities 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course will address the needs of personnel working with secondary special education students making the transition from school to adulthood. The course will provide information on: the basic adult needs of persons with development disabilities and an interdisciplinary service model to meet those needs. Emphasis will be placed upon the systematic planning and coordination of services that are required for persons with disabilities to achieve maximum quality of life.

**Note:** Cross-listed with: EDSP 614.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 427. Inquiry into Early Childhood Education and Child Development 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Examination of physical, cognitive, language, affective and social development of typically and atypically developing children from conception to age five, with implications for early childhood education.

**Note:** Cross-listed with EDSP 527.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 435. Administration and Consultation Early Childhood Education 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course will explore the responsibilities of the day care or early childhood program director and the early childhood consultant.

**Note:** Cross-listed with EDSP 635.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 436. Theories of Play** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** This course offers knowledge about how play contributes to young children's development and learning.

**Note:** Cross-listed with EDSP 536.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 437. Infant/Toddler Instruction and Care** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** This course examines the development and educational needs of children from birth to age three.

**Note:** Cross-listed with EDSP 537.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 438. Emergent Curriculum** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials for young children birth through age five focused on each child's individual needs.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 439. Guidance of Young Children** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Addresses the research-based knowledge and skills related to child growth and development that assist young children to develop positive pro-social relationships and for early childhood professionals to understand positive guidance principles and practice for young children's challenging behaviors.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 440. Moderate/Severe Disabilities Curriculum and Methods II** 3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** EDSP 443.

**Description:** Design and implementation of instruction based on alternative achievement of grade level academic standards that meet the needs of students with moderate/severe disabilities within special education and collaborative classroom settings.

**Note:** Cross-listed with EDSP 611.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 441. Methods for Students with Learning and Behavior Disorders** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** EDSP 260 and admission to Teacher Education.

**Corequisite(s):** EDSP 442.

**Description:** Analyses of the subject areas, approaches, techniques, materials, and learning principles used in teaching students with learning and/or emotional/behavioral disabilities and mild mental retardation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 442. Practicum: Learning and Behavior Disorders** 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** EDSP 260 and admission to Teacher Education.

**Corequisite(s):** EDSP 441.

**Description:** Field experience in school settings where the student will observe, assist, assess, and instruct students with learning and behavior disorders.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 443. Instructional Methods for Students with Moderate/Severe Disabilities** 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** EDSP 260 and admission to Teacher Education.

**Corequisite(s):** EDSP 444.

**Description:** Focuses on the design and implementation of individualized, functional curriculum for students with moderate/severe disabilities in the area of life skills, communication, social/behavioral, motor and functional academics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 444. Moderate/Severe Disabilities Practicum 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** EDSP 260 and admission to Teacher Education.

**Corequisite(s):** EDSP 443.

**Description:** Field experience in school settings where the student will observe, assist, assess, and instruct students with moderate/severe disabilities.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 450. Moderate and Severe Disabilities Practicum II 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** EDSP 444.

**Description:** Field experience in school settings where the student will assist, assess, and instruct students with moderate/severe disabilities.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 451. Learning and Behavior Disorders Practicum II 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** EDSP 442.

**Description:** Field experience in school settings, where the student will assist, assess, and instruct students with learning and behavioral disabilities.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 470. Student Teaching, LBD 6 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Provides supervised teaching experience with students demonstrating learning and behavior disorders.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 471. Student Teaching, MSD 6-12 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Provides supervised teaching experience with students demonstrating moderate and severe intellectual disabilities.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 472. Student Teaching in Interdisciplinary Early Childhood Education 6-12 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** All courses in the program completed, positive midpoint assessment and Seven weeks of supervised observation, participation and teaching in preschool and/or kindergarten.

**Description:** Placements depend on certification being sought and student needs.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 510. Legal Issues in Special Education 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Prepares special education teachers to fully understand and implement both the spirit and the letter of federal and state laws, regulations, and procedures related to students with disabilities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 512. Methods for Students with Learning and Behavior Disorders 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Provides an overview of instructional methodology used to teach students with Learning and Behavior Disorders.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 515. Communication and Socialization in Early Childhood 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to professional program.

**Description:** Research-based approaches to supporting the communication and social skills of young children, including those with disabilities or delays.

**Note:** Six hours of field experience are required for this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 516. Assessment Procedures for Students with Learning & Behavior Disorders 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Analyzes and evaluates the assessment procedures for children with learning disabilities in academic and social settings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 518. Structured Literacy for Diverse Learners 3 Units**

**Term Typically Offered:** Spring Only

**Description:** This course addresses evidence-based methods and strategies used to teach literacy skills to diverse learners. Prepares candidates to teach the five components of reading through explicit systematic and sequential instruction.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 520. Assessment of Students with Moderate/Severe Disabilities 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Addresses knowledge and skills needed to conduct assessment procedures, interpret data and use assessment data in educational decision-making for students with moderate/severe disabilities in a legal and ethical manner.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 527. Inquiry into Early Childhood Education and Child Development 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Graduate Status.

**Description:** Examination of physical, cognitive, language, affective and social development of typically and atypically developing children from conception to age five, with implications for early childhood education.

**Note:** Cross-listed with EDSP 427.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 532. Interdisciplinary Early Childhood Education Curriculum 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to the professional program; concurrent enrollment in EDSP 542.

**Description:** Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop literacy, mathematics, science, and social studies learning in young children birth through age five. Also includes examination of contemporary early childhood curricula and approaches appropriate for children from diverse cultural backgrounds.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 533. Inclusive Early Childhood Curriculum 3 Units**

**Term Typically Offered:** Summer Even Years

**Prerequisite(s):** Concurrent enrollment in EDSP 534.

**Description:** Exploration of curricular approaches and teaching strategies appropriate for inclusive early childhood classroom. Includes research-based approaches on blended practices for planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop cross-curricular content learning in young children birth through age five.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 534. Inclusive Early Childhood Curriculum Field Experience 1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Admission to the professional program; concurrent enrollment in EDSP 533.

**Description:** Field experience observing and working in early childhood and inclusive classroom settings.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 536. Theories of Play 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Graduate status.

**Description:** This course offers knowledge about how play contributes to young children's development and learning.

**Note:** Cross-listed with EDSP 436.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 537. Infant/Toddler Instruction and Care 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Graduate status.

**Description:** Examines the development and educational needs of children from birth to age three.

**Note:** Cross-listed with EDSP 437.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- EDSP 540. Introduction to Exceptional Children 3 Units**  
**Description:** A survey course designed to acquaint students with all types of exceptional children - physically and mentally handicapped, socially and emotionally disturbed, and the gifted; methods of adapting education to meet the needs of these children.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 541. Introduction to Learning and Behavior Disorders 3 Units**  
**Description:** An integration of theoretical, conceptual, and applied educational systems for children with learning and behavior disorders.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 542. Interdisciplinary Early Childhood Education Curriculum Field Experience 1 Unit**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Admission to the professional program; concurrent enrollment in EDSP 532.  
**Description:** Field experience in public and private preschool classrooms. To be taken in conjunction with EDSP 532.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 545. Exceptional Children in the Regular Classroom 3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Educational programming for exceptional children in regular classrooms; curricular approaches in mainstreaming.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 546. Behavior Analytic Approach to Communication 3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** EDSP 260 for undergrads or EDSP 644 for graduates.  
**Description:** This course prepares practitioners to use principles of ABA to assess and teach communication skills to individuals with disabilities and develop knowledge of current AAC technology and assessment procedures.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 570. Autism: Introduction and Understanding 3 Units**  
**Description:** Increase understanding of individuals with Autism/Pervasive Developmental Disorder (PDD) across the life-span. Characteristics of this population, namely communication, social and behavioral attributes will be examined as they are manifested across all ages in the context of the family and community. Historical, diagnostic, and identification issues will be addressed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 578. Practicum in Teaching the Trainable Mentally Retarded 4 Units**  
**Description:** Supervised student teaching of trainable mentally retarded children.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 581. Introduction to Gifted Education 3 Units**  
**Description:** Classroom- and school-level approaches to identifying, nurturing, and further developing a variety of talents in all children, including but not limited to the areas of intellectual, academic, creative, visual/performing arts, and leadership talent.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 583. Early Childhood Special Education Assessment 3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Admission to professional program.  
**Description:** Identification and assessment of children 0-5 with special needs, as well as theory and practice of educational decision-making based on assessment data.  
**Note:** Six hours of field experience are required for this course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 584. Families and Collaboration in Interdisciplinary Early Childhood Education 3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Admission to professional program; Concurrent enrollment in EDSP 585.  
**Description:** Research based approaches to supporting families in providing interventions to infants and toddlers, working with families of preschoolers, and collaborating with other professionals and paraprofessionals.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- EDSP 585. Families and Collaboration in IECE: Field Experience 1 Unit**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Admission to the professional program.  
**Corequisite(s):** EDSP 584.  
**Description:** Field experience in home, agency or school settings where the student will observe, assist, assess, and instruct infants and toddlers with identified special needs.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 594. Foundational Concepts in Intellectual and Physical Disability** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** This course provides an overview of characteristics associated with intellectual and physical disabilities. Students will learn to establish support systems for addressing the educational and health needs of these learners.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 596. Seminar in Special Education** 1-4 Units

**Description:** The investigation of special problems in education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDSP 597. Seminar in Special Education** 1-4 Units

**Description:** The investigation of special problems in education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Education: Teacher Preparation (EDTP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**EDTP 99. Developmental Special Topics** 1-3 Units

**Description:** Examination of well-defined topics not studied in regular courses. Topics will be announced in the schedule of classes.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 101. First-Year Experience** 1 Unit

**Term Typically Offered:** Fall Only

**Description:** An introduction to the University of Louisville and the College of Education and Human Development. The course focuses on individual student success, as well as students' personal and academic development as they navigate their first year of college. The course helps students clarify purpose and meaning through exploration of their individual skills, and interests; students are also introduced to potential career paths in their major of interest.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 107. Human Development and Learning** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Introduction to the basic principles of human development and learning as applied to home and school settings of children from birth to adolescence.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 201. The Teaching Profession - SB** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Provides opportunities to survey the field of education through the study of educational theories, field experiences, and evaluation of education as a career. Some fieldwork required during class hours.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 215. Foundations of Instruction** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** This course introduces pre-service teachers to the planning and preparation skills needed to be an effective classroom teacher. These skills include: identifying learning goals and objectives based upon standards-based curriculum; designing learning experiences with developmentally appropriate instructional strategies; creating a variety of assessments to gauge learning and motivate students to learn; managing a range of students, materials, and classroom activities to honor students' diversity. This course is a prerequisite to admittance to the Teacher Education Program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)



**EDTP 323. Elementary Social Studies Methods Field Experience 1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Teacher Education program; EDTP 322 (or concurrent).

**Description:** Weekly field experience observing, analyzing, and participating in social studies instruction in schools. Students will connect and apply coursework, theory, and practice.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 324. Science Methods P-5 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the Teacher Education Program.

**Description:** Examines the instructional methods and curricular materials appropriate for teaching the concepts and skills of science in grades P-5. Minimum of 36 hours of fieldwork required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 326. Elementary Science Methods Field Experience 1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the Teacher Education program; EDTP 324 (or concurrent).

**Description:** Weekly field experience observing, analyzing, and participating in science instruction in schools. Students will connect and apply coursework, theory, and practice.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 328. Building Learning Communities 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the Teacher Education program.

**Description:** Philosophies and methods for creating and managing learning communities supportive of the intellectual, academic, social-emotional, and physical needs of diverse students in classroom settings.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 330. Building Learning Communities Field Experience 1 Unit**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the Teacher Education Program; EDTP 328 (or concurrent).

**Description:** Field experience observing and working in middle/secondary classrooms.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 341. Teaching Middle School 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the Teacher Education Program.

**Description:** An in-depth study of philosophy, organizational patterns, developmental issues, and curriculum concepts related to teaching at the middle level.

**Note:** Cross-listed with EDTP 541.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 355. Assessment and Research 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to the Teacher Education Program.

**Description:** Theory and practice of educational decision-making based on analysis of assessment data and professional research; introduction to key concepts in analyzing and conducting educational research.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 396. Independent Study in Teaching and Learning 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Independent study on a topic or question agreed upon and supervised by a faculty member and approved by the department chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 397. Special Topics in Teaching and Learning 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Current topics within the fields of teaching and learning. Course topics will vary as needed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 399. Music, Art, and Motion in P-5 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Examines the instructional methods and curricular materials appropriate for incorporating the concepts and skills of art, music, and movement education in grades P-5.

**Note:** Cross-listed with EDTP 599.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 403. Developing Cross-Cultural Competence: Teaching Students from Diverse Backgrounds** **3 Units**

**Prerequisite(s):** Admission to the UofL teacher preparation program.  
**Description:** Extends the principles of curriculum, development, teaching and learning introduced in previous courses to work with students from diverse ethnic, racial, linguistic, and socioeconomic backgrounds. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 407. Middle School Language Arts Methods** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school Language Arts effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 408. Middle School Mathematics Methods** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school Mathematics effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 409. Middle School Science Methods** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** An application of methods and materials to teaching middle school Science effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 410. Middle School Social Studies Methods** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle school Social Studies effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 412. Student Teaching: P-12** **9-12 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program; approval of Middle/Secondary Program.  
**Description:** Fifteen weeks of supervised observation, participation, and teaching in P-12 schools. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 417. Student Teaching: Middle School** **6-12 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program; approval of Middle/Secondary Program.  
**Description:** Fifteen weeks of supervised observation, participation, and teaching in middle schools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 418. Student Teaching: Middle and High School** **9-12 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program; approval of Middle/Secondary Program.  
**Description:** Fifteen weeks of supervised observation, participation, and teaching in middle and high schools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 419. Student Teaching: High School** **9-12 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Admission to the Teacher Education Program; approval of Middle/Secondary Program.  
**Description:** Fifteen weeks of supervised observation, participation, and teaching in high schools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 420. Reading and Writing Across the Curriculum** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Exploring the processes, products, and values of literacy in various areas of the curriculum, this course explores and applies literature of all forms in service to the various disciplines and societal roles.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 421. Intensive Field Experience** 1-6 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Concurrent enrollment in one or more content methods classes.  
**Description:** Field experience observing, analyzing, participating, and teaching in schools. Students will connect coursework, theory, and practice.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 422. High School English Methods** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching high school English effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 423. High School Mathematics Methods** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching high school Mathematics effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 424. High School Science Methods** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching high school Science effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 425. High School Social Studies Methods** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching high school Social Studies effectively,  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 428. Business/Marketing Methods, 5-12** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials to teaching middle/high school Business/Marketing effectively.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 429. World Language Methods, P-12** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Teacher Education Program.  
**Description:** Application of methods and materials for teaching World Languages effectively.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 432. Literacy and Numeracy in Interdisciplinary Early Childhood Education** 3 Units  
**Prerequisite(s):** Admission to Teacher Education.  
**Description:** Focuses on the development of literacy and numeracy in young children birth through age five. Students learn to plan and implement standards-based classroom routines, activities, and lessons which appeal to young children.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>EDTP 433. Curriculum &amp; Methods in Early Childhood Special Education</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to Teacher Education.  <b>Description:</b> This course explores early childhood models, strategies, and materials appropriate for use with children with special needs.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EDTP 445. High School Social Studies Methods II</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Teacher Education Program.  <b>Description:</b> Extends the study of specific theoretically sound and research-based strategies and practices for teaching high school Social Studies from EDTP 425.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EDTP 440. Interdisciplinary Content Methods in Early Childhood Education</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> EDTP 437.  <b>Description:</b> Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop literacy, mathematics, science and social studies understandings in young children birth through age five.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EDTP 450. Student Teaching I: Elementary Education</b> <span style="float: right;"><b>6 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Approval of Elementary program coordinator.  <b>Description:</b> Seven weeks of supervised observation, participation, and teaching in elementary school.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EDTP 442. High School English Methods II</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Teacher Education Program.  <b>Description:</b> Extends the study of specific theoretically sound and research-based strategies and practices for teaching high school English from EDTP 407/422.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EDTP 452. Student Teaching II: Elementary Education</b> <span style="float: right;"><b>6 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Approval of Elementary program coordinator.  <b>Description:</b> Seven weeks of supervised observation, participation, and teaching in elementary school.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EDTP 443. High School Mathematics Methods II</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Teacher Education Program.  <b>Description:</b> Extends the study of specific theoretically sound and research-based strategies and practices for teaching high school mathematics from EDTP 423.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EDTP 459. Teaching History with Museums</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> Admission to the Teacher Education Program.  <b>Description:</b> This course is for advanced education students and those in the public history program; it explores the educational role of history museums and implications for both teachers and museum educators.  <b>Note:</b> Cross-listed with EDAP 659.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EDTP 444. High School Science Methods II</b> <span style="float: right;"><b>3 Units</b></span></p> <p><b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Teacher Education Program.  <b>Description:</b> Extends the study of specific theoretically sound and research-based strategies and practices for teaching high school Science from EDTP 424.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**EDTP 477. Capstone Student Teaching Seminar - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** EDTP 311; EDTP 407, EDTP 408, EDTP 409, EDTP 410, EDTP 422, EDTP 423, EDTP 424, EDTP 425, EDTP 428, or EDTP 429; EDTP 412 (or concurrent), EDTP 417 (or concurrent), EDTP 418 (or concurrent), EDTP 419 (or concurrent), or EDTP 450 (or concurrent).

**Description:** Analysis, synthesis, and evaluation skills applied to the student teaching experience; collaborative problem solving; action research in classrooms.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status. CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 501. General Methods 3 Units**

**Prerequisite(s):** Admission to teacher education.

**Description:** Prepares pre-service teachers to: identify appropriate learning goals for students; design learning experiences that include a variety of developmentally appropriate instructional strategies; manage a range of students, materials, and classroom activities; and honor students' diversity with respect to learning style, motivation, race/ethnicity, gender, and language proficiency.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 502. Exploring Teaching in the Sociopolitical Contexts of P-12 Schools 3 Units**

**Prerequisite(s):** Admission to teacher education.

**Description:** The sociocultural contexts of P-12 teaching are ever shifting. Society's expectations for schools and the role that teachers are expected to assume must be understood in relation to the social, cultural, political, and historical contexts from which they arise. Teacher candidates must be made aware of the ways in which these multiple and overlapping contexts influence their future work as classroom teachers.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 503. Developing Cross-Cultural Competence: Teaching Students from Diverse Backgrounds 3 Units**

**Prerequisite(s):** Admission to teacher education.

**Description:** Extends the principles of curriculum, development, teaching and learning introduced in previous courses to working with students from diverse, ethnic, racial, linguistic, and socioeconomic backgrounds.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 504. Teaching with Technology 2 Units**

**Prerequisite(s):** Admission to teacher education.

**Description:** Leading teachers to understand and apply current technologies in classroom instruction. The tools of technology are explored for their creative application in education of P-12 children across the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 505. Challenging Advanced Learners 1 Unit**

**Prerequisite(s):** EDTP 450 (or concurrent), EDTP 612 (or concurrent), EDTP 613 (or concurrent), EDTP 615 (or concurrent), EDTP 616 (or concurrent), EDTP 617 (or concurrent), EDTP 618 (or concurrent), EDTP 619 (or concurrent), or permission of instructor.

**Description:** Study of methods for identifying gifted/talented students and differentiating curriculum and instruction to meet their needs.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 506. Public Schools in America: Understanding our Past to Envision our Future 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Teacher Education Program.

**Description:** An examination of the historical and philosophical foundations of education in a socially and culturally diverse country.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 511. Proficiency Evaluation in Interdisciplinary Early Childhood Education 3 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Bachelor's degree in early childhood, special education, or child development, two years of successful experience as an early childhood lead teacher or director.

**Description:** Designed for degreed, experienced early childhood professional to document proficiency on the KY IECE Teacher Standards of the Child Care Director's Credential.

**Note:** Does not count toward a master's degree.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 522. Methods of Teaching Grammar, K-12 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Teacher Education.

**Description:** Examination of K-12 Common Core State Standards for Language and best practices in grammar study. Development of research-based lessons and strategies for teaching grammar in the context of reading and writing instruction.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 532. Interdisciplinary Early Childhood Education Curriculum 3 Units**  
**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to the professional program; concurrent enrollment in EDSP 542.

**Description:** Research-based approaches to planning and implementing developmentally appropriate standards-based classroom activities, lessons, and materials that develop literacy, mathematics, science, and social studies learning in young children birth through age five. Also includes examination of contemporary early childhood curricula and approaches appropriate for children from diverse cultural backgrounds. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 535. Classroom Speech Correction 3 Units**

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 540. Teaching Adolescent Readers 3 Units**

**Description:** Examines active reading processes, instructional strategies, and appropriate adolescent literature for teaching both the developmental and the remedial reader in secondary language arts.

**Note:** Cross-listed with EDAP 540.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 541. Teaching Middle School 3 Units**

**Prerequisite(s):** Admission to the Teacher Education Program.

**Description:** An in-depth study of philosophy, organizational patterns, developmental issues, and curriculum concepts related to teaching at the middle level.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 580. Digital Citizenship: Technology and Teaching 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Teacher Education or consent of instructor.

**Description:** Teachers understand and apply the concept of digital citizenship as they explore the creative application of current tools of technology in the education of K-12 children.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 581. Technology Applications for Mathematics Teaching 3 Units**

**Prerequisite(s):** Admission to the Middle School or Secondary MAT program or consent of instructor.

**Description:** Methods, materials, and techniques to support the meaningful and appropriate use of technology in the teaching of middle and high school mathematics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 582. Technology Applications for Science Teachers 3 Units**

**Prerequisite(s):** Admission to Middle School or Secondary MAT program or consent of instructor.

**Description:** Methods, materials, and techniques to support the meaningful and appropriate use of technology in the teaching of middle and high school science.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 597. Special Topics in Teaching and Learning 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Current topics within the fields of teaching and learning. Course topics will vary as needed. Refer to the Schedule of Courses for offerings in a particular semester.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EDTP 599. Music, Art, and Motion in P-5 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Examines the instructional methods and curricular materials appropriate for incorporating the concepts and skills of art, music, and movement education in grades P-5.

**Note:** Cross-listed with EDTP 399.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Educational and Counseling Psychology (ECPY)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**ECPY 218. Workshop in Educational Psychology I 1-4 Units**

**Grading Basis:** Pass/Fail

**Prerequisite(s):** Faculty consent.

**Description:** Topical workshop on Educational Psychology. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ECPY 219. Workshop in Educational Psychology II** 1-4 Units  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** Faculty consent.  
**Description:** Topical workshop on Educational Psychology. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 302. Seminar on Personal and Academic Inquiry** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 101 and ENGL 102 (or equivalent).  
**Description:** This seminar is designed for undergraduate students who are undeclared, are pre-unit majors, or are in transition between majors. By exploring an academic topic or theme of personal interest that is connected to the unique theme of the seminar section, students will develop skills that will assist them in the development of inquiry skills and the exploration of a major and/or career. Students will document their journeys and produce an inquiry project, as well as an Academic and Personal Plan that can be refined (or modified, adjusted) beyond the course, by the end of the semester. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 304. Mental Health and the Helping Professions** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course will offer an introduction into the different fields found within the broad area of mental health counseling. We will also cover the different ways of approaching counseling, including systemic, environmental, and cultural components of the professions, health inequities, basic mental health concerns found in the U.S. and abroad, job opportunities, and the relationships of mental and physical health. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 305. Human Development and Learning** 3 Units  
**Prerequisite(s):** PSYC 201.  
**Description:** How children and adolescents grow, learn, and develop socially, physically, emotionally, and mentally the implications for learning, the learning process, and purposeful observation of behavior. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 319. Theories of Counseling** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** The purpose of this class is to introduce the major theoretical approaches to counseling, including the similarities and differences among them. Key elements and concepts associated with each theoretical approach and their application to actual counseling/psychotherapy situations will be presented. Empirical evidence supporting each approach, and multicultural considerations of each approach will be offered. By the end of the course each student will have a general understanding of how they may begin approaching clients. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 355. Developing Campus Leadership** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An examination of leadership issues for current and prospective campus leaders. Involvement in an on-campus group or organization is required. Topics include ethical decision-making, effective communication, issues of power and conflict resolution. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 363. Culture, Social Justice, and Advocacy** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** The purpose of this class is to offer an introduction into the intersection of culture, social justice, advocacy, and counseling. It will also provide an overview of a global understanding of the mental-health needs of culturally diverse populations, broadly defined. It will present cultural contexts in which counseling occurs in different fields, different perspectives of cultural counseling, and the influence of identities within counseling. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 397. Topical Undergraduate Seminar in Educational Psychology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Selected topics as determined by student needs and interests. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 412. Stress, Coping & Resilience** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** The purpose of this course is to provide a research-experiential approach to understanding stress and its effects on the human body and behavior. We will discuss the concept of stress from various theoretical and practice-based perspectives and the various ways people cope with stress. We will focus on theories and practice-based coping mechanisms in helping people to reduce and manage their stress. Stress and coping will be approached from a holistic health perspective and public health issue. Resilience and life transitions will also be examined from different theoretical orientation and practice-based exercises will also be conducted in the course. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECPY 422. Emotional Intelligence** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Do our emotions control us, or is it our job to control them? In this class we will examine the role and power that emotions play in our everyday lives. We will investigate emotions through the lens of emotional intelligence, which refers to an individual's ability to become aware of, and control, his or her emotions. You will have the opportunity to gain an understanding of your emotional intelligence and learn multiple strategies for strengthening or "bridging" emotions when moving from one emotion to another. We will explore theories of emotional development and brain development as it pertains to emotional regulation and the impact of cultural influences on the acceptance/expression of emotions. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 501. Independent Study in Educational Psychology 1-3 Units**

**Prerequisite(s):** To be arranged with the dean.  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 502. Independent Study in Educational Psychology 1-3 Units**

**Prerequisite(s):** To be arranged with the dean.  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 507. Learning Theory and Human Growth and Development 3 Units**  
**Term Typically Offered:** Fall Only

**Description:** Basic principles of learning theory and human development. Included are the major theories of learning including behaviorism, cognitive, and cultural historical activity theory along with physical, social, cognitive, emotional, language, and cultural development as they apply to children and youth including those with special needs.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 512. Learning and Cognition in Education 3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** A survey of major theoretical models in the area of cognition and learning. Emphasis upon applications of theory in the classroom and in counseling. Implications are drawn from several models and contrasted in the context of the individual student's readiness, motivation and aptitude.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 513. Individual Differences in Education 3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** A survey of individual differences in socio-cognitive and personality areas of development based upon current literature. Ways to meet individual and group needs in educational settings; interpretation of individual differences for effective classroom instruction.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 525. Topical Studies in Educational Psychology I 1-3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Investigation of current concerns and issues in educational psychology.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 526. Topical Studies in Educational Psychology II 1-3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Investigation of current concerns and issues in educational psychology.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 527. Workshop in Educational Psychology I 1-4 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Topical workshop on educational psychology concerns.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 528. Workshop in Educational Psychology II 1-4 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Topical workshop on educational psychology concerns.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 540. Evaluation and Measurement in Education 3 Units**

**Description:** Intended to acquaint the student with evaluation and measurement in education and counseling. Content will include reliability, validity, test construction, and methods of evaluation and testing in various settings.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 596. Seminar in Guidance 1-4 Units**

**Prerequisite(s):** Majors are urged to take seminars prior to or concurrent with practicum.  
**Description:** The investigation of special problems in counseling.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECPY 597. Seminar in Guidance 1-4 Units**

**Prerequisite(s):** Majors are urged to take seminars prior to or concurrent with practicum.  
**Description:** The investigation of special problems in counseling.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Electrical and Computer Engineering (ECE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### ECE 100. Special Topics in Electrical and Computer Engineering 1 Unit

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ENGR 100, Freshman standing, consent of instructor.

**Description:** Provides an enrichment experience for freshman engineering students in an advanced topic in Electrical and Computer Engineering.

**Note:** Does not count toward a major in Electrical Engineering.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECE 210. Logic Design 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Corequisite(s):** ECE 211.

**Description:** Enrollment restricted to Electrical and Computer Engineering and Computer Engineering and Computer Science students only, or with permission of the Electrical and Computer Engineering Department Chair. Number systems, base conversions, and codes. Complementary arithmetic, boolean algebra, logic gates, IC logic families, MSI applications, flip-flops, registers, counters, memories, arithmetic circuits, and analysis and synthesis of combinational and sequential circuits.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECE 211. Logic Design Laboratory 1 Unit

**Term Typically Offered:** Fall, Spring, Summer

**Corequisite(s):** ECE 210.

**Description:** Design-oriented experiments on combinational and sequential logic circuits, using integrated circuit components.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECE 220. Network Analysis I 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PHYS 299; ENGR 205 (or concurrent).

**Corequisite(s):** ECE 221.

**Description:** Enrollment restricted to Electrical and Computer Engineering students only, or with permission of the Electrical and Computer Engineering Department Chair. Topics include basic circuit laws, circuit solving methods, independent and dependent sources, resistance, inductance, capacitance, introduction to operational amplifiers, Thevenin's Theorem, superposition, first and second order circuits, power, energy, AC circuit analysis using impedance, phasors, and the power triangle, and balanced three-phase power, and critical thinking.  
**Note:** Tablet PC required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECE 221. Network Analysis I Laboratory 1 Unit

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PHYS 299, ENGR 205 (or concurrent).

**Corequisite(s):** ECE 220.

**Description:** Enrollment restricted to Electrical and Computer Engineering students only, or with permission of the Electrical and Computer Engineering Department Chair. An introductory laboratory with experiments in the use of measurement instruments and the measurement of network characteristics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECE 252. Introduction to Electrical Engineering 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ENGR 201 (or concurrent).

**Description:** DC/AC circuits. Linear network analysis. Impedance. Phasors. Complex Power. Transformers. Three-phase. Resonance. Solid-state devices. Integrated circuits. Op-amps. Electrical safety. RC filters. Sensors. Motors. Batteries.

**Note:** This course is for non-ECE students only.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ECE 288. Electrical & Computer Engineering Cooperative Education Seminar 0 Units

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CHEM 201, ECE 210, ECE 211, ENGL 101, ENGR 110, student must be in Good Standing with GPA of 2.25 or higher; CSE 130, ECE 220, ECE 221.

**Corequisite(s):** CSE 130, ECE 220, ECE 221.

**Description:** Discussion of the policies and procedures for cooperative education and instruction in job search techniques, including resume preparation, forwarding letters, and behavioral interviewing. The student performance appraisal is explained, along with how to be successful in the workplace. The job market is discussed along with company descriptions and the requirements for the Co-op Report are explained. Question and answer sessions are included with returning co-op students and co-op employers. The student also receives training in the use of University Career Services Management System.

**Note:** This seminar is a prerequisite for the first cooperative education term.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ECE 289. Electrical & Computer Engineering Cooperative Education I** **1 Unit**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CECS 130, ECE 220, ECE 221 and ECE 288.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 309. Electronic Systems Design** **3 Units**  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** ECE 210, ECE 211, ECE 220, and ECE 221.  
**Description:** Topics on the design, fabrication, and testing of electrical and electronic circuits utilizing printed circuit boards (PCBs). The course will focus on practical electronics, schematic capture, board layout, standards, soldering, and troubleshooting of electronic systems. The course will have a lecture component along with lab implementation of course concepts.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 320. Network Analysis II** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 220 and ENGR 205.  
**Description:** A continuation of ECE 220. Topics include Laplace transforms, network theorems, transfer functions, time-domain analysis, frequency response, operational amplifier circuits, filters, Bode plots, resonance, two-port networks, mutual inductance and transformers.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 322. Introduction to ECE Computing Tools** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CECS 130 (or concurrent).  
**Description:** Introduction to scientific programming in MATLAB: numerical variables, control structures, arrays, functions, file input/output, plotting. Software reporting standards. Introduction to Python programming: variables, expressions, statements, conditional execution, function, iteration, strings, files, lists, tuples, object-orientated programming, etc. Critical thinking skills.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 333. Electronics I** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 220 and ECE 221.  
**Corequisite(s):** ECE 320 and ECE 334.  
**Description:** Introduction to electronic devices and the basic circuits. The course deals with the op-amp, the diode, the bipolar junction transistor, and the field-effect transistor. Biasing, small-signal and large signal analysis and the principles employed in the design of electronic circuits are included in the course.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 334. Electronics I Lab** **1 Unit**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 221.  
**Corequisite(s):** ECE 320 and ECE 333.  
**Description:** Weekly laboratory to illustrate experimental analysis and design principles of electronic circuits.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 360. Probabilistic Methods in Electrical and Computer Engineering** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGR 201; ECE 320 (or concurrent).  
**Description:** An introductory treatment of probability theory including distribution and density functions, moments and random variables. Applications of normal and exponential distributions. Estimation of means, variances. Correlation and spectral density functions. Random processes and response of linear system to random inputs.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 389. Electrical & Computer Engineering Cooperative Education II** **1 Unit**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 289.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 400. Special Topics in Electrical & Computer Engineering** **1-6 Units**  
**Description:** Exploration of one or more ECE topics not covered in the regular course offerings.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 405. Undergraduate Project in Electrical & Computer Engineering****1-6 Units****Prerequisite(s):** Approval of a faculty sponsor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 412. Introduction to Embedded Systems****3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ECE 210 and Junior standing, or faculty consent.

**Description:** Introduction to embedded systems; assembly language programming; parallel and serial data transfer; polling, interrupts, and servicing of interrupts; software and hardware timing; analog-to-digital and digital-to-analog conversion. Projects on interfacing, system design, and implementation.

**Note:** Cross-listed with CSE 412.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 420. Signals and Linear Systems****3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ECE 320 and ECE 322.

**Description:** Analysis of continuous-time and discrete-time, discrete-parameter, time-invariant, linear systems based upon the convolution integral, Fourier series and transform, Laplace transform, Z-transform, and state-space methods. Topics include the impulse response, transfer function, energy spectra, filtering, sampling, and applications to networks, communications, and controls.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 473. Introduction to Electromagnetic Fields and Waves****3 Units****Term Typically Offered:** Fall, Summer**Prerequisite(s):** ENGR 205 and PHYS 299.

**Description:** Electrostatic and magnetostatic fields; Faraday's law; Maxwell's equations, electromagnetic properties of matter, uniform plane waves.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 489. Electrical and Computer Engineering Cooperative Education III****1 Unit****Grading Basis:** Pass/Fail**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ECE 389.**Fee:** An additional \$300.00 is charged for this course.

**Description:** Full-time technical work experience related to the student's academic program.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 493. Independent Study in Electrical & Computer Engineering****1-6 Units****Prerequisite(s):** Approval of a faculty sponsor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 496. Professional Issues and Current Topics Seminar****2 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing.

**Description:** Students receive instruction in making oral and written presentations to professional and technical audiences. Topics include ethical issues in engineering, and a selection of technical topics of current interest that promote the understanding of global, economic, environmental, sustainability, and societal impacts of engineering and critical thinking skills.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 497. Capstone Design in ECE - CUE****3 Units****Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ECE 412 and Senior standing; ECE 420 (or concurrent), ECE 496 (or concurrent), and ECE 5xx/5xx elective & lab (or concurrent); or permission of instructor.

**Description:** Students work in teams to design, build, test, and document an electrical, electronic, or electro-mechanical device or system, subject to realistic constraints, thus demonstrating their grasp of the concepts of electrical and computer engineering by successful completion of this culminating design experience.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 500. Special Topics in Electrical Engineering****1-6 Units****Term Typically Offered:** Fall, Spring, Summer

**Description:** Exploration of one or more ECE topics not covered in the regular course offerings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 505. Graduate-Professional Project in Electrical Engineering****1-6 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Approval of a faculty sponsor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 510. Computer Design** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 210.  
**Corequisite(s):** ECE 511.  
**Description:** Review of logic design and elementary computer organization. Design of the central processing unit, memory, control, and input-output portions of a computer. The VHDL hardware design language will be used.  
**Note:** Cross-listed with CSE 510.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 511. Computer Design Laboratory** **1 Unit**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 210.  
**Corequisite(s):** ECE 510 or CECS 510.

**Description:** Experiments in the design of the central processing unit, memory, control, and input-output portions of a computer using VHDL for software simulation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 514. Introduction to VLSI Systems Laboratory** **1 Unit**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ECE 510 (or concurrent) or CECS 510 (or concurrent) or consent of instructor.  
**Corequisite(s):** ECE 515.

**Description:** Design of logic circuits and subsystems using CAD tools: layout, verification, parameter extraction, circuit- and logic-level simulation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 515. Introduction to VLSI Systems** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ECE 510 (or concurrent) or CECS 510 (or concurrent) or consent of instructor.  
**Corequisite(s):** ECE 514.

**Description:** MOS devices and circuits, electrical and logic design principles. Fabrication steps, design rules, electrical parameters, extraction, delays. Logic/switch arrays, dynamic precharge logic, precharge forms, finite state machines, registers, memories, subsystem design examples.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 516. Microcomputer Design** **4 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 412 or CECS 412 or consent of instructor.  
**Description:** Design and construction of microcomputers with microprocessors and digital integrated circuits. Breadboarding, hardware design and software design are emphasized. The class is separated into groups and each group designs, breadboards and tests a complete microcomputer system including interfaces to peripheral devices.  
**Note:** Cross-listed with CECS 525.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 518. Fundamentals of Computer Communications and Networks** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 360 or IE 360, and CSE 412.  
**Description:** Data communications: The exchange of data between devices is covered. The key aspects of transmission interfacing, link control, and multiplexing are examined. Data communication networking: Examines the internal mechanisms by which communication networks provide a data transfer service for attached devices.  
**Note:** Cross-listed with CSE 516.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 520. Digital Signal Processing** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 420.  
**Corequisite(s):** ECE 521.

**Description:** Discrete time signals and systems; Discrete Fourier Transforms, FFT algorithms, flow graph and the matrix representation of digital filters; FIR and IIR filter design techniques; quantization effects; spectral estimation; current applications of digital signal processing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 521. Digital Signal Processing Laboratory** **1 Unit**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ECE 420.  
**Corequisite(s):** ECE 520.

**Description:** Focuses on the implementation of common digital signal processing functions using state-of-the-art DSP devices and software. Introduction to fundamentals of discrete-time signal processing and digital signal processor architectures and applications. Emphasis on laboratory experience involving generation of deterministic and random signals; digital filter design; quantization effects; FFT computation; linear system analysis; speech processing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 523. Introduction to Biometrics** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 420 and Senior standing.

**Description:** Biometric approaches aim at identification based on a physical characteristic. Survey of biometric techniques with focus on non-intrusive approaches. Topics covered include image formation, sensors, motion tracking, and face recognition algorithms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ECE 526. LabVIEW for Electrical Engineers** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 420 (or concurrent) or permission from the instructor.

**Description:** Introduction to capabilities of LabVIEW software for electrical engineers. Weekly labs build mastery of LabVIEW applications such as: data acquisition and analysis, instrumentation, and DSP programming.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ECE 530. Introduction to Random Processes and Estimation Theory** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 330; ECE 360 or IE 360; and ECE 420.  
**Description:** Introduction to the theory and applications of random processes, a nonmeasure-theoretic approach to the study of random variables, functions of random variables, least square estimation, convergence, stochastic representation, stationarity, ergodicity, Gaussian processes, Poisson processes, Markov chains, and random fields. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 531. Power Electronics** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 333, ECE 334, and ECE 420.  
**Description:** Topics in power electronics including: power semiconductor devices; converter topologies and their applications; switched-mode DC and uninterruptible power supplies; motor drives; EMI concerns and remedies for interfacing to electric utilities. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 532. Electromechanical System Designs for Home Appliances** 4.5 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** An integrated study of advanced electrical engineering and software engineering fundamentals and their application to technologies associated with the design, development, and production of modern major household appliances. This class is designed for GE Appliances Edison students or GE Appliances employees enrolled in the ECE program. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 533. Integrated Circuit Design** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ECE 333.  
**Corequisite(s):** ECE 534.  
**Description:** Analysis and design of analog integrated circuits. Bipolar, JFET, and MOS-FET devices. The technology of IC fabrication. Transistor connections, current sources, active loads, and output stages. Integrated amplifier and MOS circuit design. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 534. Integrated Circuit Design Laboratory** 1 Unit  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ECE 333.  
**Corequisite(s):** ECE 533.  
**Description:** Laboratory to illustrate design principles in ECE 533. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 539. Industrial Software for Home Appliances** 4.5 Units  
**Description:** This course provides electrical engineering graduate students working in the major home appliance industry with an understanding of industrial software engineering fundamentals and their application to technologies associated with the design, development, and production of major household appliances such as refrigerators, washers, dryers, cooking products and dishwashers. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 540. Fundamentals of Lasers** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** PHYS 542 or ECE 473 and PHYS 355 or consent of instructor.  
**Description:** Topics to be discussed include interaction of light with matter, optical amplifiers, laser resonators, Gaussian and higher order optical beams, non-linear optics, and ultra-fast laser pulses.  
**Note:** Cross-listed with PHYS 547.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 541. Engineering Optics Laboratory** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 540 (or concurrent).  
**Description:** Computer-aided design-oriented series of fundamental optics experiments ranging from thin lens experiments, diffraction, interference, laser coherence and birefringence. Abbe theory. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 542. Semiconductor Device Fundamentals** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGR 205 or MATH 405; PHYS 300.  
**Description:** Semiconductor fundamentals, energy bands, carrier transport theory, continuity equations, PN junction diodes, Zener diodes, MOS capacitors, MOSFETs, microelectronic fabrication, and select other topics. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 543. Fundamentals of Microfabrication and MEMS** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Senior standing.  
**Description:** Microfabrication techniques including cleanroom technology, lithography, thermal oxidation, diffusion, ion implantation, film deposition, etching, micromachining, wafer-level bonding/polishing, and packaging yield. Microtechnology measurement and analysis techniques. Process simulation. CAD device-layout. MEMS (microelectromechanical systems) and microelectric technology and applications. Material issues for MEMS/microelectronics. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ECE 544. Microfabrications/MEMS Laboratory</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ECE 543 (or concurrent).  <b>Fee:</b> An additional \$250.00 is charged for this course.  <b>Description:</b> Laboratory to illustrate microfabrication processes, semiconductor measurement techniques, MEMS microstructure fabrication, and MEMS testing. Cleanroom activity required. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>ECE 555. Digital Image Processing</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ECE 520 and ECE 521, or ECE 420 and departmental consent.  <b>Corequisite(s):</b> ECE 556.  <b>Description:</b> Introduction to the theory and applications of 2-D signal and image processing: 2-D signals and systems analysis, 2-D sampling and quantization, 2-D signals and image transforms, 2-D FIR filter design; image formation; image enhancement; image restoration; image coding; image reconstruction from projections; image compression; color image processing; current applications. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>ECE 545. Optical Signal Processing</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ECE 420 or consent of instructor.  <b>Description:</b> Scalar diffraction theory and equivalence to linear filtering. Fourier transform properties of lenses. The modulation transfer function. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>ECE 556. Digital Image Processing Laboratory</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Corequisite(s):</b> ECE 555.  <b>Description:</b> Laboratory experiments in software are assigned to test the concepts covered in ECE 555, Digital Image Processing. Projects include: Image Representation and Transformation, Image Enhancement in the spatial and frequency domain and Image Restoration. Time permitting, projects on image compression and image segmentation will also be assigned. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>ECE 546. Introduction to Medical Imaging</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ECE 420.  <b>Description:</b> Focuses on the foundation of modern medical imaging at an introductory level with emphasis placed on concepts: X-ray, CT, MRI, PET, and Ultrasound will be discussed. Students interested in in-depth treatment of these topics should register for ECE 641. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>ECE 560. Control Systems Principles</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ECE 420.  <b>Corequisite(s):</b> ECE 561.  <b>Description:</b> Basic concepts of linear control systems. Formulation of the linear control problem by classical and state space methods. Frequency response and time response analysis and synthesis techniques. Stability and system performance specifications. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>ECE 550. Communication and Modulation</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ECE 360 or IE 360, and ECE 420.  <b>Corequisite(s):</b> ECE 551.  <b>Description:</b> Modulations such as AM, FM, PAM, PPM, PDM, single sideband, vestigial sideband. Coherent and noncoherent detection, heterodyne action, performance and distortion, circuits for modulation and demodulation. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>ECE 561. Control Systems Laboratory</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Corequisite(s):</b> ECE 560.  <b>Description:</b> Laboratory exercises involving identification, analysis and design of closed-loop control systems. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>ECE 551. Communication Systems Laboratory</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ECE 420.  <b>Corequisite(s):</b> ECE 550.  <b>Description:</b> Laboratory exercises involving the design and analysis of electronic communication systems for the transmission of analog and digital data at radio frequencies. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>ECE 564. Fundamentals of Autonomous Robots</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Senior standing, or permission of instructor.  <b>Corequisite(s):</b> ECE 565.  <b>Description:</b> Fundamentals of autonomous robots: sensors, path planning, machine perception, basic principles of AI, modeling, control and architecture. Case studies in industry and medicine will be discussed. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

- ECE 565. Fundamentals of Autonomous Robots Lab** **1 Unit**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Senior standing, or permission of instructor.  
**Corequisite(s):** ECE 564.  
**Description:** An autonomous robots laboratory experience in which the student becomes familiar with designing and building autonomous robots, using sensors, applying robotic paradigms and controller design. A final robotic competition will be held at the end of the semester. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 569. Intermediate Electromagnetic Fields and Waves** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 473.  
**Description:** General curvilinear coordinates. Electromagnetic energy transmission. The wave equation, Poynting theorem and plane wave propagation in media. Transmission lines and impedance matching. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 581. Electric Machines and Drives** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 473.  
**Description:** Operating principles and characteristics of DC, induction, synchronous motors/generators. AC/DC electric-machine drives for speed/position control. Integrated discussion of electric machines, power electronics, and control systems. B and H in ferromagnetic materials. Magnetic circuits. Transformers. Dynamic equations of magnetic systems. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 582. Power System Analysis** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ECE 473.  
**Description:** Three-phase circuits. Inductance and capacitance of transmission lines. Circuit models. Per-unit representation. Network methods. Load-flow studies. Load-flow control. Economic dispatch. Symmetrical three-phase faults. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 593. Independent Study in Electrical Engineering** **1-6 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Approval of a faculty sponsor.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ECE 595. Graduate/Professional Seminar in Electrical & Computer Engineering** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).  
500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.
- ### Course Fees
- Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).
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- ENGR 101. Engineering Analysis I - QR** **4 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 190 or equivalent or appropriate math placement score.  
**Description:** Introduction to vector methods and development and use of differentiation and integration to solve engineering problems, including those involving motion, related rates, optimization, moments and centers of mass.  
**Note:** Credit will not be granted for both ENGR 101 and MATH 205.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 102. Engineering Analysis II** **4 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 101.  
**Description:** Development and use of: integrating techniques, transcendental functions, vectors in three dimensions, polar coordinates, and power series to solve engineering problems, including work, hydrostatic force, statics, heating, cooling, and catenaries.  
**Note:** Credit will not be granted for both ENGR 102 and MATH 206.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 110. Engineering Methods, Tools, and Practice I** **2 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Must be a Speed School of Engineering Student.  
**Description:** ENGR 110 is designed to provide first-year engineering students with an introduction to critical thinking, essential methods, tools and skills for success in engineering. Activities and assignments will focus on developing skills and knowledge in: engineering professionalism (ethics, culture, and risk), basic programming, graphical communication, problem solving, design analysis, and teamwork (including diversity and inclusion).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Engineering Fundamentals (ENGR)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to

- ENGR 111. Engineering Methods, Tools and Practice II** 2 Units  
**Term Typically Offered:** Spring, Summer  
**Prerequisite(s):** ENGR 110.  
**Fee:** An additional \$9.00 is charged for this course.  
**Description:** ENGR 111 requires students to apply and demonstrate the skills developed in ENGR 110 by successfully completing a team design project. Oral and written presentations are required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 150. Engineering Graphics Fundamentals** 2 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Must be a Speed School of Engineering Student.  
**Description:** An introduction to the concepts of engineering graphics including 2-dimensional and 3-dimensional drawings and related industry standards. Freehand sketching and computer generated 2D and parametric solid model (3D) drawing is included.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 151. Engineering Graphics Technology** 1 Unit  
**Term Typically Offered:** Fall, Summer  
**Prerequisite(s):** ENGR 110.  
**Description:** This course builds on manual drawing skills learned in ENGR 110, and introduces students to the concepts of engineering graphics using two-dimensional and three-dimensional computer aided drawing programs, dimensioning of drawings and applicable industry standards are also included.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 170. Special Topics in First Year Engineering Mathematics** 4 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Investigation of math topics related to fundamentals of engineering analysis that are not covered in regular Engineering Analysis courses. Specific topics will be announced in the Schedule of Courses.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 190. Introductory Calculus - QR** 4 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Appropriate math placement score or completion of appropriate coursework.  
**Description:** Review of algebra, trigonometry, analytic geometry, and introduction of elementary calculus in preparation for Engineering Analysis I. Credit will not be granted for both ENGR 190 and MATH 190.  
**Note:** This course may not be used for credit toward the JB Speed School of Engineering BS and MENG degrees.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 201. Engineering Analysis III** 4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 102.  
**Description:** Development and use of: partial derivatives, Lagrange multipliers, Fourier series, vector-valued functions, and multiple integrals to solve engineering problems, including those involving thermodynamics, motion, fluid flow, curl, flux, and divergence.  
**Note:** Credit will not be granted for both ENGR 201 and MATH 301.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 205. Differential Equations for Engineering** 2 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 201.  
**Description:** First- and higher-order differential equations (DE), systems of DE, partial DE, difference equations, numerical methods, Laplace transforms, engineering applications involving mechanical vibrations, electrical circuits, impact forces, and mixing problems.  
**Note:** Credit will not be granted for both ENGR 205 and MATH 405.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 209. ELLC Summer Research Project** 1 Unit  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** Permission of the department; student must have participated in the Engineering Living-Learning Community during the most recent academic year.  
**Description:** Selected students will participate in a ten week research experience with a specific faculty member within their engineering department. Departments include: Bioengineering, chemical Engineering, Civil Engineering, Computer Engineering and Computer Science, Electrical and Computer Engineering, Industrial Engineering, and Mechanical Engineering. Students will meet as a group three times in the summer semester and will be required to spend a total of ten hours per week working with their faculty mentor. Oral and written presentations at the end of the summer semester are required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGR 307. Numerical Methods for Engineering** 2 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 201 and ENGR 205.  
**Description:** Errors and error propagation, solving one and several equations, polynomial interpolation and divided differences, least squares approximation, numerical differentiation and integration, eigenvalues, eigenvectors, solving ordinary and systems of differential equations.  
**Note:** Credit will not be granted for both ENGR 307 and MATH 407.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGR 330. Linear Algebra for Engineering 2 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ENGR 201.**Description:** Elimination and LU-factorization, dimension, rank, and nullspace, linear transformations and similarity, orthogonally and least squares, eigentheory and diagonalizability, linear differential equations and systems of linear differential equations.**Note:** Credit will not be granted for both ENGR 330 and MATH 325.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ENGR 393. Independent Study in Engineering Fundamentals 1-6 Units****Prerequisite(s):** Consent of a faculty sponsor.**Description:** Independent study in any engineering fundamentals related area under the guidance of a faculty member.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ENGR 400. Special Topics in Engineering Fundamentals 1-6 Units****Term Typically Offered:** Occasionally Offered**Description:** Investigation of topics in any engineering fundamentals related areas that are not covered in regular courses. Topics will be announced in the Schedule of Courses.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ENGR 405. Practicum in Engineering Fundamentals Education 1-3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ENGR 205 and Consent of Instructor.**Description:** A guided learning experience in inquiry-based instructional techniques and best practices in STEM education that includes field experience as an undergraduate teaching assistant. Permission to enroll required. May be repeated for a maximum of 3 hours.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**ENGR 589. Research Methods for Engineering and Engineering Education 3 Units****Description:** This course will have students: learn how to engage in ethical conduct as researchers; acknowledge, reference, and document resources in organized ways; review and evaluate research in a critical and professional manner; synthesize existing literature to craft arguments; complete training for human subjects research (CITI Training); and write research questions that align with methods. It will also provide an overview of research methods: qualitative, quantitative, and mixed research methods.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Engineering Management (EM)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings

may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**EM 525. Project Management 3 Units****Prerequisite(s):** Admission into the Industrial Engineering or Engineering Management program or instructor permission.**Description:** Use of CPM, PERT, precedence diagramming, resource allocation heuristics, and other techniques for planning, managing, and controlling engineering projects involving research and development, production, maintenance, and construction. Computer procedures and codes for analyzing complex project networks will be covered.**Note:** Cross-listed with IE 525.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**EM 560. Construction Management 3 Units****Prerequisite(s):** Admission into the Engineering Management program or instructor permission.**Description:** An investigation of the engineer's role in the construction process. Study of the many variables influencing the project and associated methods of managing variables. Includes a practical demonstration of student's understanding schedule and cost estimate for a project of the student's choosing.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**EM 561. Engineering Statistics I 3 Units****Prerequisite(s):** Admission into the Engineering Management program or instructor permission.**Description:** Study of the laws of probability, discrete and continuous probability distributions, point and interval estimation, tests of hypothesis, simple linear regression, and the single factor analysis of variance.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**EM 582. Management of Human Systems 3 Units****Prerequisite(s):** Admission into the Engineering Management program or instructor permission.**Description:** Computer-aided, quantitative application of human performance capabilities and limitations to the planning, design, development, and evaluation of complex human-machine/industrial systems.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## English (ENGL)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to

the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### ENGL 101. Introduction to College Writing - WC 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Meet admission requirements of the University of Louisville.

**Description:** Students engage in critical thinking and writing by developing their writing processes and producing finished prose.

Required writing consists of multiple drafts of 4-6 papers of varying lengths.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 102. Intermediate College Writing - WC 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ENGL 101 or equivalent.

**Description:** Students practice more sophisticated approaches to writing processes and products with an emphasis on how literacy functions in U.S. society, both with and outside of the academy. Additional emphasis on conducting primary and secondary research, generating longer texts, improving critical reading, and awareness of how diversity is reflected within literacy practices in U.S. society. Required writing consists of multiple drafts of at least four papers of varying lengths, with one extended documented paper.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 105. Advanced Composition for Freshmen - WC 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Open only to exceptionally qualified students who have been notified of their eligibility. Completion discharges the general education requirement for two terms of freshman composition. Extensive practice of writing and reading, with several assignments requiring research.

**Note:** Credit may not be received for both ENGL 102 and ENGL 105.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 202. Introduction to Creative Writing - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105 or equivalent.

**Description:** This class focuses on the writing of poetry, fiction, and drama and on the analysis of professional writings. Coursework includes class discussion, peer critique of student-authored works, individual writing assignments, and other learning activities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 250. Exploring Literature - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105, or the equivalent.

**Description:** Strategies for reading and interpreting poetry, fiction, and one other genre.

**Note:** Designed for non-majors.

**Note:** Credit hours will not count towards total hours taken within the English department for majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 260. Exploring Literature in a Global Context - AH, D2 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105 or equivalent.

**Description:** Reading, analyzing, talking about and writing about different kinds of literature, from around the world.

**Note:** Designed for non-majors.

**Note:** Credit hours will not count towards hours taken within the English Department for majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 270. Exploring Literature and Mythology - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105, or equivalent.

**Description:** The nature and function of myth, mythmaking, and mythologies, in their relation to the study of literature. Literary works chosen from various traditions of literature's written in English.

**Note:** Designed for non-majors.

**Note:** Credit hours will not count towards total hours taken within the English Department for majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### ENGL 280. Exploring Popular Culture and Genre - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105 or the equivalent.

**Description:** Practices of reading, analyzing, discussing, and writing about popular culture and genre. Engages with popular culture texts in ways that promote critical thinking about how and what they communicate.

**Note:** Designed for non-majors.

**Note:** Credit hours will not count towards hours taken within the English Department for majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 290. Exploring Rhetoric, Writing, and Society - AH** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105 or the equivalent.**Description:** Explores the intersection of rhetoric, writing, and diverse models of social expression and representation within texts from a variety of genres. Engages with texts in ways that promote critical thinking about how and what they communicate.**Note:** Credit hours will not count towards total hours taken within the English Department for majors.**Note:** Designed for non-majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 300. Special Topics: Introduction to Literature - WR** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ENGL 102 or ENGL 105 or equivalent.**Description:** An introduction to literature, providing an overview of forms such as poetry, drama, and the novel, and an introduction to terminology and methods used in analyzing texts.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Formerly taught as "Introduction to English Studies".

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 301. Special Topics: Literature in English Before 1800** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ENGL 102 or ENGL 105 or equivalent.**Description:** Surveys early British and early American writers before 1800.**Note:** Formerly taught as "British Literature I".

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 302. Special Topic: Literature in English After 1800** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Introduces literary texts in English since 1800, with a focus on US, British, and diasporic authors writing in the English language.**Note:** Formerly taught as "British Literature II".

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 303. Special Topics: Scientific and Technical Writing - WR** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105.**Description:** Designed for advanced students (juniors and seniors) studying science and technology in engineering, natural sciences (biology, chemistry, physics, mathematics), and computer sciences. Concentrates on writing in a variety of scientific and technical forms of discourse. Emphasizes practicing writing processes, secondary research, and problem-solving; recognizing the rhetorical character of scientific and technical discourse with its multiple purposes and audiences; evaluating and integrating a variety of written, visual, and oral elements of design; and developing field-specific vocabularies for talking about this discourse.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 304. Special Topics: Creative Nonfiction** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 202 or permission of instructor.**Description:** Focuses on the writing of creative nonfiction; analysis of professional technique and of student writing. Class discussion and individual conferences.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 305. Special Topics: Intermediate Creative Writing Workshop** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 202.**Description:** Each section focuses on the writing of either fiction or poetry or drama; analysis of professional technique and of student writing. Class discussion and individual conferences. Students in the Creative Writing track of the English major may gain credit for ENGL 305 twice, if they choose two different genres/topics.**Note:** Schedule of courses indicates sections devoted to poetry, fiction, and drama respectively.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 306. Special Topics: Business Writing - WR** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** ENGL 102 or ENGL 105.**Description:** Designed for advanced Business students and Arts and Sciences students anticipating careers in law, business, or government. Concentrates on writing in a variety of forms of business discourse. Emphasizes practicing writing processes, developing an appropriate style, learning professional problem-solving, integrating oral and written communication, and using new communication technologies.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ENGL 309. Special Topics: Inquiries in Writing - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105.  
**Description:** Focuses on responding to differing rhetorical situations at an advanced level in appropriate modes for diverse audiences. Emphasizes creating and revising several substantial writing projects. Develops critical reading and writing abilities in multiple genres.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 310. Special Topics: Introduction to Professional and Public Writing** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105 or equivalent.  
**Description:** Introduces students to the nature of, and practices involved in, becoming a professional/public writer.  
**Note:** Formerly taught as "Writing about Literature for Non-Majors - WR".  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 315. Culture, Text and Media** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105 or the equivalent.  
**Description:** Examines the relationships among culture, literary representation, and mass-media technologies. Considers different media ecologies to study the development and literary representation of cultural identities.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 325. Introduction to Linguistics** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105.  
**Description:** Introduction to the basic assumptions, methods and concepts of studying language, focusing on the way language influences human experience and the organization of human behavior. Examines the nature, structure and use of language; may apply as elective in either Social Sciences or Humanities, meeting divisional or out-of-divisional requirements.  
**Note:** Cross-listed with LING 325.  
**Note:** Students with credit for LING 518 or ENGL 518 may not take this course.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 330. Language and Culture - AH, D1** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** An ethnographic perspective to the study of language, investigating how it is used to create and maintain social institutions and rituals, and how it differentiated across genders and ethnicities.  
**Note:** Cross-listed with ANTH 343 and LING 330.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 333. Special Topics: Shakespeare I** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105.  
**Description:** A study of selected plays of Shakespeare. Historical period: pre-1700.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 334. Special Topics: Shakespeare II** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105.  
**Description:** A study of selected plays of Shakespeare. Historical period: pre-1700.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 342. Black Women Novelists - AH, D2, WR** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ENGL 102 or ENGL 105.  
**Description:** Study of selected novels by contemporary African, African-American, and Caribbean women writers, in-depth and in-comparative study. Historical period: post-1900. (Humanities)  
**Note:** Cross-listed with PAS 342 and WGST 342.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 350. Special Topics in Creative Writing** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ENGL 304 or ENGL 305, or permission of instructor.  
**Description:** Creative Writing course designed for students who wish to increase their aptitude as writers.  
**Note:** Topics to be announced in the Schedule of Courses.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 368. Minority Traditions in English Literatures - D2, AH** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ENGL 102 or ENGL 105 or the equivalent.  
**Description:** This course examines literature's by under-represented groups from non-U.S. societies. It explores a variety of literary forms in relationship to social factors such as class, race, ethnicity, religion and/or indigeneity.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 369. Minority Traditions in American Literature - D1, AH** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGL 102 or ENGL 105 or the equivalent.  
**Description:** This course examines the works of authors from underrepresented groups, including African, LatinX, Asian/Pacific Islander, and/or Native American populations in the United States. We will analyze literary texts in relation to social factors such as class, race, ethnicity, gender, sexuality, religion, disability, and/or indigeneity.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ENGL 370. Study Abroad</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> Permissions of Director of Undergraduate Studies, Department of English.  <b>Description:</b> Credit for study abroad courses in accredited programs. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ENGL 375. LGBTQ Literature in the United States - AH, D1</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ENGL 102, or ENGL 105, or WGST 199, or equivalent.  <b>Description:</b> This course examines LGBTQ literature by U.S. writers and explores the portrayal of LGBTQ identities through a variety of literary forms and in relationship to social factors such as class, race, ethnicity, and/or location.  <b>Note:</b> Cross-listed with WGST 375.</p>
<p><b>ENGL 371. Special Topics in English and American Language and Literature</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> Exploration of one or more topics not covered in the regular course offerings.  <b>Note:</b> A maximum of 6 hours in special topics may be counted toward the major.  <b>Note:</b> Topics to be announced in the Schedule of Courses.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>ENGL 381. Special Topics: Modern Poetry in English</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> A study of major poets writing in English, 1900-1960. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ENGL 372. Special Topics in English and American Language and Literature</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b>  <b>Note:</b> A maximum of 6 hours in special topics may be counted toward the major.  <b>Note:</b> Topics to be announced in the Schedule of Courses.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ENGL 382. Special Topics: Contemporary Poetry in English</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> A study of selected poetry in English since 1955. Historical period: post-1900. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ENGL 373. Women and Global Literature - D2, AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGL 102, or ENGL 105, or WGST 199, or equivalent.  <b>Description:</b> This course examines literatures by women writers and about women subjects from non-U.S. societies, exploring a variety of literary forms in relationship to social factors such as class, race, ethnicity, religion, sexuality and/or indigeneity.  <b>Note:</b> Cross-listed with WGST 325.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ENGL 391. Special Topics: Studies in the Novel</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> A survey of prose fiction to 1870, establishing standards for the novelistic tradition. Historical period: 1700-1900. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ENGL 374. Gender and Children's Literature - AH, D1</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ENGL 102, or ENGL 105, or WGST 199, or equivalent.  <b>Description:</b> Examination of gender in British and North American literature for children/young adults from the late 19th century to the present with attention to the intersection of gender with common themes (e.g., heroic journey). Historical period: post-1900.  <b>Note:</b> Cross-listed with WGST 326.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ENGL 394. Special Topics: American Short Fiction</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105.  <b>Description:</b> The development, over two centuries, of such forms as the sketch, tale, short story, and novella. Historical period: 1700-1900. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ENGL 374. Gender and Children's Literature - AH, D1</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ENGL 102, or ENGL 105, or WGST 199, or equivalent.  <b>Description:</b> Examination of gender in British and North American literature for children/young adults from the late 19th century to the present with attention to the intersection of gender with common themes (e.g., heroic journey). Historical period: post-1900.  <b>Note:</b> Cross-listed with WGST 326.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ENGL 401. Honors Seminar - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105; membership in English Honors Program.  <b>Description:</b> Honors seminar in selected topics in English.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).  <b>Note:</b> Two seminars required of all students within the departmental honors program.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**ENGL 402. Honors Seminar - WR** **3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ENGL 102 or ENGL 105, membership in English Honors Program.

**Description:**

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Two seminars required of all students within the departmental honors program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 403. Special Topics: Advanced Creative Writing** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 305 and consent of instructor.

**Description:** Multi-genre creative writing course designed for students who wish to increase their aptitude as writers of drama, fiction or poetry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 405. Special Topics: Editing, Publishing, and Document Design** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 310 or permission of instructor.

**Description:** Examines the skills involved in professional editing, publishing, and designing documents. Enhances awareness of the intellectual and professional contexts for writing practices.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 407. Special Topics: Writing for Social Change - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 310.

**Description:** Examines approaches for engaging in writing and activism in community settings. Focuses on different genres and media used in writing for social change.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 413. Special Topics: British Literature from the Beginning through Shakespeare - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300.

**Description:** Study of selected works, in a variety of genres, from the beginning through Shakespeare. Taught with attention to historical and cultural context. Historical period: pre-1700.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Formerly ENGL 313; credit may not be earned for this course by students with credit for ENGL 313.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 414. British Literature from Shakespeare through the Neoclassical Period - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300.

**Description:** Study of selected works, in a variety of genres, from Shakespeare through the eighteenth century. Taught with attention to historical and cultural context. Historical period: 1700-1900.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Formerly ENGL 314; credit may not be earned for this course by students with credit for ENGL 314.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 415. Special Topics: Nineteenth-Century British Literature - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300.

**Description:** Study of selected works, in a variety of genres, from British literature of the nineteenth century. Taught with attention to historical and cultural context. Historical period: 1700-1900.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Formerly ENGL 315; credit may not be earned for this course by students with credit for ENGL 315.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 416. Special Topics: Modern British and Irish Literature - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300.

**Description:** Study of selected works, in a variety of genres, from British and Irish literature, 1900 to the present. Taught with attention to historical and cultural context. Historical period: post-1900.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Formerly ENGL 316; credit may not be earned for this course by students with credit for ENGL 316.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 417. Special Topics: Contemporary British and Post-Colonial Literature - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300.

**Description:** Study of selected works, in a variety of genres, from contemporary British literature and the literature of former colonies. Taught with attention to historical and cultural context. Historical period: post-1900.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Formerly ENGL 317; credit may not be earned for this course by students with credit for ENGL 317.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 418. Special Topics: American Literature to 1830 - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Study of selected works, in a variety of genres, from American literature produced before 1830. Historical period: 1700-1900.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Formerly ENGL 318; credit may not be earned for this course by students with credit for ENGL 318.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 419. Special Topics: American Literature from 1830 to 1865 - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Study of selected works, in a variety of genres, from American Literature produced from 1830 to the Civil War. Historical period: 1700-1900.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Formerly ENGL 319; credit may not be earned for this course by students with credit for ENGL 319.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 420. Special Topic: American Literature from 1865 to 1910 - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Study of selected works, in a variety of genres, from the Civil War to 1910. Taught with attention to historical and cultural context. Historical period: 1700-1900.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Formerly ENGL 320; credit may not be earned for this course by students with credit for ENGL 320.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 421. Special Topic: American Literature from 1910 to 1960 - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Study of selected works, in a variety of genres, from 1910 to 1960. Taught with attention to historical and cultural context. Historical period: post 1900.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Formerly ENGL 321; credit may not be earned for this course by students with credit for ENGL 321.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 422. Special Topic: American Literature from 1960 to the Present - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Study of selected works, in a variety of genres, from 1960 to the present day. Taught with attention to historical and cultural context. Historical period: post-1900.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Formerly ENGL 322; credit may not be earned for this course by students with credit for ENGL 322.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 423. Special Topics: African-American Literature Before 1900 - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; ENGL 300.**Description:** Study of selected works, in a variety of genres, by African American writers prior to 1900. Taught with attention to historical and cultural context. Historical period: 1700-1900.**Note:** Formerly ENGL 323; credit may not be earned for this course by students with credit for ENGL 323.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 424. African-American Literature Since 1900 - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 OR ENGL 105; ENGL 300.**Description:** Study of selected works, in a variety of genres, by African-American writers from 1900 to the present day. Taught with attention to historical and cultural context. Historical period: post-1900.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 425. Special Topic: Literature and the Environment 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300.**Description:** Examines how contemporary literature, film, and media register and reflect shifts in environmental thought and culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ENGL 450. Cooperative Internship in English Studies** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Declared English major, with minimum 3.0 GPA; Junior standing; at least 6 hours of English after ENGL 101 and ENGL 102; permission of instructor.  
**Description:** An individually-arranged course for an academic project cooperatively arranged with the student's employer and the English Department Director of internships.  
**Note:** May not receive credit for both ENGL 450 and ENGL 555.  
**Note:** May be used to meet requirements of the English major; may not be used to meet requirements of English minor.  
**Note:** May not be repeated.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 460. Special Topics: Studies in Individual Authors - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300.  
**Description:** An intensive study in the works of one or a small grouping of authors.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** May be repeated once for credit.  
**Note:** Historical period varies by semester; see schedule of courses.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 470. Studies in Literary Movements - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105; ENGL 300 or ENGL 310.  
**Description:** An intensive study in the works from a particular literary movement (e.g., Magical Realism, Postmodern Fiction, or Visual Poetry).  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** May be repeated once for credit.  
**Note:** Historical period varies by semester; see schedule of courses.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 480. Special Topics: Digital and Visual Composition** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 310.  
**Description:** Explores how image, sound, movement, and text can be employed to create a range of texts, from videos to podcasts to data visualizations. Connects long-standing rhetorical concepts such as audience, genre, and style, with new research and practices about the affordances and effects of digital media texts.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 491. Special Topics: Interpretive Theory: The New Criticism to the Present** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 300 or ENGL 310.  
**Description:** Study of selected theories for the interpretation of literary and other texts, from the New Criticism to the present.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 492. Special Topics in Interpretive Theory** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ENGL 102 or 105; ENGL 300 or 310; Junior standing.  
**Description:** An in-depth investigation of a particular area of interpretive theory.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 501. Independent Study** 3 Units  
**Prerequisite(s):** Overall GPA of 3.0, an average of 3.5 in the department, and at least 18 semester hours credit in the department.  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 502. Independent Study** 3 Units  
**Prerequisite(s):** Overall GPA of 3.0, an average of 3.5 in the department, and at least 18 semester hours credit in the department.  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 504. Special Topics: Advanced Creative Writing II** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 305, or ENGL 403, or consent of instructor.  
**Description:** Concentration on a given form.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ENGL 505. Special Topics: Advanced Technical Writing - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 303, or writing sample with instructor's consent.  
**Description:** Topic definition, audience analysis and editing strategies for technical reports, theses and articles in various disciplines.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 506. Special Topics: Teaching of Writing - CUE, WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 300, or ENGL 309, or ENGL 310, or consent of instructor.**Description:** Introduction to the theory, research, and practice that informs the effective teaching of writing.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 507. Special Topics: The Teaching of Creative Writing - CUE, WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** Introduction to the theory, research, and practice that informs the effective teaching of creative writing.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 508. Special Topics: Literacy Tutoring Across Contexts and Cultures - WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** The theory and practice of teaching writing in one-on-one and small group settings in academic, professional and community settings; pedagogical strategies for working with writers from a variety of backgrounds and contexts.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Students who complete this course will be eligible for tutoring internships.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 509. Special Topics: Special Topics Writing 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 310.**Description:** Examines in depth such topics as rhetoric and social systems, writing technologies in theory and practice, or considerations of style.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 510. Cooperative Internship in English 3 Units****Prerequisite(s):** Approved only for graduate-level credit, permission of graduate director required; restricted to students in good standing (GPA 3.0 or above).**Description:** An individually arranged semester-long project that combines English studies with workplace-based goals and responsibilities.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 515. Special Topics: Introduction to Old English 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** Readings in the original language of Old English prose and poetry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 518. Special Topics: Foundations of Language 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** A survey of contemporary theories of language, from structuralism to transformational grammar; the relationship of linguistics to literature, psychology, philosophy, reading, and sociology.**Note:** Cross-listed with LING 518.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 520. Special Topics: World Englishes 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** LING 325 or ENGL 325 (undergraduates only); minimum Junior standing.**Description:** Exploration of the historical, social, and political context of the various varieties of English throughout the world; standardization, pidgins, and creoles will also be investigated.**Note:** Cross-listed with LING 520.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 522. Special Topics: Structure of Modern English 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.**Description:** Examination of the structure of modern English language; emphasis on grammatical terminology and systems of classification. Students collect and analyze linguistic examples, spoken and written.

Recommended for prospective English teachers.

**Note:** Cross-listed with LING 522.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 523. History of the English Language 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.**Description:** The evolution of modern English in terms of social, historical, and linguistic forces which molded it. Emphases include: Indo-European origins; Germanic sources and Latin, French, and Danish influences; structural and lexical change; development of dialect differences; colonial spread of English in technology, emergence of World Englishes.**Note:** Cross-listed with LING 523.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 525. Special Topics: The Teaching of English as a Second Language 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105 and consent of instructor.**Description:** A theoretical and practical approach to teaching English to students for whom English is not a native language. The linguistic bases of English, as well as the application of curriculum principles, will be considered.**Note:** Cross-listed with LING 525.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 526. ESL Portfolio 1 Unit****Prerequisite(s):** Completion of all other ESL requirements and consent of instructor.**Description:** Assists teachers in submitting ESL portfolio for review in order to complete continuous assessment plan. Review takes place in the final phase of the course, of which self-assessment and peer assessment are components.**Note:** Cross-listed with LING 526.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 535. Special Topics in Applied Linguistics 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** LING 325 or ENGL 325 (undergraduates only); minimum Junior standing.**Description:** This course will focus on one aspect of applied linguistics. Topics may include discourse analysis, ESL teaching, language change, gender and language, or other relevant topics in applied linguistics.**Note:** Cross-listed with LING 535.**Note:** May be repeated up to a maximum of three times on different topics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 541. Special Topics: Studies in Old and Middle English Literature - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** Readings in the original language of Old English prose and poetry. Pre-1700.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 542. Special Topics: Studies in Tudor and Elizabethan Literature - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers from the Tudor and/or Elizabethan periods. Historical Period pre-1700.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 543. Special Topics: Studies in Stuart and Commonwealth Literature - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics or groupings of writers from the Stuart and/or Commonwealth periods. Historical Period pre-1700.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 544. Special Topics: Studies in Restoration and Eighteenth-Century British Literature - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics or groupings of writers from the Restoration and/or Eighteenth Century periods. Historical Period: 1700-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 545. Studies in British Literature of the Romantic Period - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers of the Romantic period. Historical Period: 1700-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 546. Special Topics: Studies in British Literature of the Victorian Period - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers from the Victorian period. Historical Period: 1700-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 547. Special Topics: Studies in Modern British and/or Irish Literature - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers from the turn of the century through 1950. Historical Period: post-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 548. Special Topics: Studies in Contemporary British and/or Irish Literature - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers since 1950. Historical period: post-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 549. Special Topics: Studies in Post-Colonial and/or Ethnic Literature - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers since 1950. Historical period: post-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 550. Studies in African-American Literature - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.**Description:** In-depth study of selected movements, topics, or groupings of African-American writers.**Note:** Cross-listed with PAS 551.**Note:** Historical period varies by semester; see schedule of courses.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 551. Special Topics in Literature in English** 3 Units**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:****Note:** Topics to be announced in schedule of courses.**Note:** Historical period varies by semester.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 552. Special Topics in Literature in English** 3 Units**Description:** An examination of one or more specific areas of study in English. Historical period varies by semester.**Note:** Topics to be announced in schedule of courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 554. Women's Personal Narratives - CUE 3 Units**

**Prerequisite(s):** ENGL 102, or ENGL 105, or WGST 199, or equivalent.  
**Description:** Course examines issues such as race, class, religion, geography, and sexual orientation surrounding the writing/reading of women's personal narratives (e.g., diaries, letters, autobiographies, oral histories, biographies, and films) from the 19th and 20th centuries.  
**Note:** Cross-listed with WGST 520.  
**Note:** Historical period varies by semester; see schedule of courses.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 555. Cooperative Internship in English Studies - CUE 3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 90 hours; 3.0 GPA; declared English major; permission of instructor.  
**Description:** An individually arranged course for an academic project cooperatively arranged with the student's employer and the English Department director of internships.  
**Note:** May be used to meet requirements of the English major; may not be used to meet requirements of English minor.  
**Note:** May not be repeated.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 561. Special Topics: Chaucer - CUE 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** Close reading of the major works, in the context of medieval traditions and fourteenth-century English society. Historical period: pre-1700.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 562. Special Topics: Shakespeare - CUE 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** Intensive study of selected drama and poetry of Shakespeare. Historical period pre-1700.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 563. Special Topics: Milton - CUE 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** Intensive study of the poetry; background reading in Milton's biography and prose. Historical period: pre-1700.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 564. Special Topics: Selected Figures in American Literature - CUE 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** Study of the works of a selected writer or grouping of writers, in literary, biographical, and/or social context.  
**Note:** Historical period varies by semester; see schedule of courses.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 567. Special Topics: Post-Colonial Voices: Writing Experience in African Literature - CUE, WR 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** Examination of "post-coloniality" through a selection of fiction and literary criticism by African writers. Historical period: post-1900.  
**Note:** Cross-listed with PAS 567.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 570. Special Topics: Language and Social Identity 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing; LING 325 or ENGL 325 for undergraduates.**Description:** An introduction to the social systems and the language varieties found across societies. Additionally, students will objectively explore both linguistic and social norms.**Note:** Cross-listed with LING 570.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 571. Special Topics: Studies in American Literature to 1865 - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics or groupings of writers before 1865.**Note:** Historical period varies by semester; see schedule of courses.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 572. Special Topics: Studies in American Literature, 1865-1910 - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics, or groupings of writers from the Civil War to 1910. Historical period: 1700-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 573. Special Topics: Studies in American Literature, 1910-1960 - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics or groupings of writers from 1910 to 1960. Historical period: post-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 574. Special Topics: Studies in American Literature, 1960 - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of selected movements, genres, topics or groupings of writers from 1960 to present. Historical period: post-1900.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 575. Special Topics: Genre Studies in African-American Literature - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.**Description:** In-depth study of a selected genre of African-American Literature.**Note:** Cross-listed with PAS 575.**Note:** Historical period varies by semester; see schedule of courses.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 577. Special Topics: The Harlem Renaissance - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.**Description:** In-depth study of the literature of the Harlem Renaissance in relation to other literary and artistic productions of the period. Historical period: post -1900.**Note:** Cross-listed with PAS 577.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 581. Special Topics: Studies in Renaissance Drama - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.**Description:** In-depth study of dramatic works by Shakespeare's contemporaries. Historical period: pre-1700.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 586. Special Topics: Studies in American Drama - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.

**Description:** In-depth study of selected American plays.

**Note:** Historical period varies by semester; see schedule of courses.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 591. Special Topics: History of Criticism: Plato to the New Criticism - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.

**Description:** Study of selected theories for the interpretation of literary and other texts, from Plato to the New Criticism.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 595. Special Topics: Studies in Literature and Science - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.

**Description:** In-depth study of selected American plays.

**Note:** Historical period varies by semester; see schedule of courses.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENGL 599. Special Topics: Texts and Technologies - WR, CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 202 or ENGL 300 or ENGL 310.

**Description:** Examines how shifting and emergent technologies (related to types of writing, printing, paper-making, advertising, digital environments, as well as to historical and contemporary communication and distribution networks) shape authorship and literary work/reception.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Formerly taught as "Advanced Studies in English - WR,CUE".

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Entrepreneurship (ENTR)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**ENTR 200. Elements of Entrepreneurship 3 Units**

**Prerequisite(s):** ACCT 200, FIN 200, MKT 200 and MGMT 200.

**Description:** Exploration of the fundamental concepts and dynamics necessary for new venture creation. Students will learn how to turn an idea into a new venture: profit or not for profit. Students will learn how to incorporate the basics of Marketing, Finance, Management, Accounting, and Creativity. Students will progress through an intensive, hands-on, iterative writing process, culminating in a professional business plan.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENTR 350. Entrepreneurship 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** College of Business student or permission from Faculty Advisor to take Entrepreneurship Minor courses.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** The study of the activities associated with the creation, assessment, development and operation of new and emerging ventures. Students will have the opportunity to develop their new venture management skills through a combination of classroom exercises, case analysis, and the development of a business plan to support the initiation of a new venture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENTR 401. Entrepreneurship I 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Must be admitted to the Entrepreneurship minor.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Focus on New Ventures, either within a company or external market.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENTR 402. Entrepreneurship II** **3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Must be admitted to the Entrepreneurship minor.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Focus on efficiently and effectively allocating resources for implementing the venture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENTR 403. Entrepreneurship III** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Must be admitted to the Entrepreneurship minor.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Launching and growing the venture with directed field/mentoring experience.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ENTR 499. Independent Study in Entrepreneurship** **1-3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ENTR 401 and ENTR 402.

**Description:** A variety of contemporary topics in Entrepreneurship will be studied. Course content may vary but will not duplicate other course offerings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Equine Administration (EQIN)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**EQIN 202. Horse Industry Overview** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Open to all UofL students.

**Description:** An overview of the history, cultural and economic impact of the relationship between humans and horses; the fundamentals of business management and their application to various equine operations, associations, and publications; and the structure, organizations, public policies, and economic trends in the horse industry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 203. Application of Software for Equine Operations** **3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** CIS 100 or CIS 250 or CIS 305.

**Description:** Use of Microsoft Office to create business newsletters and databases. Hands-on-experience using various equine software packages; creation of a business web page using HTML; and field trips to industry data base sources.

**Note:** Open to all UofL students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 204. Equine Management** **3 Units**

**Term Typically Offered:** Fall Only

**Description:** An introduction to the nature of the horse, and to those challenges unique to the management of equine enterprises because of issues related to equine locomotion, health, nutrition, or reproduction. Emphasis on live-animal management practices that can dramatically affect profit and loss in equine-related enterprises.

**Note:** Open to all UofL students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 205. A Global Perspective of Equine Industry** **1 Unit**

**Description:** A study of the increasing global scope of the equine industry and the economic, political and social forces influencing growth. Attention will be given to the effects of changing political systems, regulation, taxation, exchange rates, global competition, demographics and other forces.

**Note:** Open to all UofL students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 206. Industry Speaker Series** **2 Units**

**Term Typically Offered:** Fall Only

**Description:** Prominent individuals from a broad spectrum across the equine industry serve as weekly guest lecturers with student reports and instructor-led, in-depth classroom discussions of each speaker's presentation.

**Note:** Open to all UofL students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 250. Equine-Assisted Activities 3 Units**

**Term Typically Offered:** Fall Even Years

**Prerequisite(s):** Admission to the College of Business.

**Description:** An introduction to the history, purpose, theory, methods, and practice of Equine-Assisted Activities. This course blends theoretical framework with practice-based approaches in equine-assisted activities. Students will learn the theory behind the methods of using equine to support human growth, learning, and development. Students will also learn the equine-related competencies needed to participate in Equine-Assisted activities and programs.

**Note:** Open to all UofL students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 301. Organization and Administration of Equine Operations 3 Units**

**Term Typically Offered:** Fall Only

**Corequisite(s):** MGMT 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Prerequisites or corequisites: MGMT 301 Designed to acquaint students with the structure of the industry and the policy and practices that are fundamental to developing and managing successful equine enterprises.

**Note:** Restricted to College of Business majors, minors, and EQIN certificate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 302. Equine Economics 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ECON 201, ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An application of economic concepts and tools to the management challenges of equine-oriented firms and how a deeper understanding of economic theory can help in approaches and solutions to problems.

**Note:** Restricted to College of Business majors, minors, and EQIN certificate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 303. Equine Regulatory Law 2 Units**

**Term Typically Offered:** Occasionally Offered

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An introduction and review of Equine Regulatory Law in racing jurisdictions throughout the United States; includes the use of case-law method; general overview of legal system and administrative regulations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 304. Equine Marketing 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** MKT 301 (or concurrently).

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Students will be introduced to marketing strategy, planning, budgeting, research, product development, pricing communications, and promotions, with applications to the horse world. Lectures will be supplemented by readings, case scenarios, and guest presentations by industry professionals with marketing experience.

**Note:** Restricted to College of Business majors, minors, and EQIN certificate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 313. Equine Commercial Law 3 Units**

**Term Typically Offered:** Spring Only

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An introduction to the legal aspects of the equine industry, to include an overview of commercial transactions, such as private and public sales of horses and agency law, boarding, breeding and sales contracts, racetrack simulcast import/export contracts, and applications of Uniform Commercial Code to the equine industry.

**Note:** Restricted to College of Business majors, minors, and EQIN certificate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 340. Leadership in Equine Business 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to the College of Business.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An introduction to the principles of leadership, focused on the concepts of organizational structure, communication, decision making, and problem solving, including a comprehensive look at leadership practices in the Equine Industry. Basic leadership theory from a multiple-frames approach will be presented. Concepts will be taught and applied through discussion based lectures, small group assignments, and an analysis of case studies. The premise is that students will face leadership responsibilities in their careers, how they analyze situations, form plans, and practice effective communication will determine their success. Upon completion students will be equipped with tools to enact positive change and influence in the equine industry.

**Note:** Restricted to College of Business majors, minors, and EQIN certificate.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>EQIN 360. Equine Regulatory Law &amp; Dispute Resolution</b> <b>3 Units</b>  <b>Prerequisite(s):</b> EQIN 313.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> An introduction to the multi-level regulatory environment facing the horse industry in the United States, with emphasis on the following areas: Federal Regulation--The Interstate Horseracing Act, the Horse Protection Act, and proposed federal takeover of drug testing in horse racing; State Regulation--Racing Commissions and Animal Protection Laws; Local/Municipal Regulation--Zoning Ordinances; Private Regulation--The Jockey Club, the United States Equestrian Federation, FEI, sales, breed, and discipline associations. The role of the courts and alternative, non-judicial options such as mediation and arbitration in resolving disputes in the equine industry. Emphasis is on practical application of regulatory law through review of real-life case studies and problem-based learning.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EQIN 398. Co-op in Equine II</b> <b>1-3 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> EQIN 202; 2.5 university GPA.  <b>Description:</b> Approval by Ulmer Career Center. Students must work in a segment of the industry of their choice under a cooperative agreement set up by the university. Both students and employers must agree to the terms of the agreement. A written paper is required on a project undertaken by the student (not a summary of what was observed on the job). Internships are generally taken during the summer unless at a commercial breeding farm when they are taken in the spring semester. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EQIN 396. Zero-Credit Internship-Equine</b> <b>0 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> EQIN 202 and EQIN 204, good academic standing, and validation through the Ulmer Career Management Center.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Application to the zero-credit internship program and completion of orientation internship program and completion of orientation processes should be accomplished prior to employment. Students must be Equine Administration majors. A new workplace experience in an approved Equine Administration position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools. This program is available to students who have received the maximum number of co-op credit hours for their major.  <b>Note:</b> This course is restricted and requires permission from the Ulmer Career Management Center.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EQIN 399. Co-op in Equine III</b> <b>3 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Permission of Equine Department.  <b>Description:</b> A new or continued workplace experience in an approved Equine position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EQIN 397. Co-op In Equine I</b> <b>1-3 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> EQIN 202, University GPA 2.5 and validation through College of Business Co-op Office, Application to the co-op program and completion of orientation process should be completed prior to employment.  <b>Description:</b> Equine majors only. A new workplace experience in an approved Finance position which offers a progression of learning in a level-appropriate opportunity for practical application of classroom theory and tools.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EQIN 401. Equine Taxation</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MATH 180.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> The focus will be on Federal income tax laws and their impact on the operations of horse owners and breeders. The "Business v. Hobby" issue will be addressed in depth by analyzing cases applying the nine regulatory factors used by the IRS and the courts to determine the issue. Other topics include: defining "income"; the tax implications of business entity selection, including sole proprietorships, syndicates, partnerships, general and limited partnerships, corporations, limited liability companies, cash and accrual methods of accounting, record keeping, passive losses and material participation, deducting ordinary and necessary business expenses, depreciation and capitalization deductions. Students will apply what they have learned and evaluate tax strategies based on real-world situations and problems.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>EQIN 402. Capstone Seminar in Equine Industry Program - CUE</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> EQIN 301; EQIN 302 or EQIN 401; EQIN 304; EQIN 403; CLAW 301; MGMT 401 (or concurrently); senior standing.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> A senior-level capstone course which integrates the core courses in the program to develop and complete an applied research project in the equine industry.  <b>Note:</b> No exceptions will be made on prerequisite courses.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>EQIN 402. Capstone Seminar in Equine Industry Program - CUE</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> EQIN 301; EQIN 302 or EQIN 401; EQIN 304; EQIN 403; CLAW 301; MGMT 401 (or concurrently); senior standing.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> A senior-level capstone course which integrates the core courses in the program to develop and complete an applied research project in the equine industry.  <b>Note:</b> No exceptions will be made on prerequisite courses.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**EQIN 403. Equine Financial Management****3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** FIN 301.**Fee:** An additional \$45.00 is charged for this course.

**Description:** Applications of analytical techniques to financial decision making in the equine industry for both publicly traded and private entities. Emphasis on Capital Asset Pricing Model, discounted cash flows, IRR, NPV and investment analysis techniques. In depth use of financial calculator and Excel spreadsheets for financial modeling. Review of insurance and risk management in the equine industry. Angel investing, funding for start-up entities, Auction Markets and bidding techniques. Financing considerations in not for profit entities such as the Kentucky Horse Park. The financing and valuation of assets and businesses and financing options are considered in a risk/return framework.

**Note:** Cross-listed with FIN 404.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 404. Current Equine Issues****3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** Senior standing.**Fee:** An additional \$45.00 is charged for this course.

**Description:** The purpose of this course is to explore and discuss the current issues of concern within the horse industry, especially those that affect the economic and competitive circumstances of the industry and/or its public perceptions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 406. Horse Racing and Comparative Gaming Systems****3 Units****Prerequisite(s):** FIN 301 and EQIN 302.

**Description:** The study of the economics of casino gaming, lottery stems, and pari-mutuel wagering. Emphasis will be placed on factors affecting wagering and gaming, including product pricing, quality, competition, profits, and marketing strategy.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 490. Special Topics in Equine Administration****1-3 Units****Term Typically Offered:** Spring Only**Fee:** An additional \$45.00 is charged for this course.

**Description:** A variety of contemporary topics in Equine Administration will be studied. Course content may vary each semester, but will not duplicate other course offerings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EQIN 499. Independent Study in Equine Business****3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Senior standing.**Fee:** An additional \$45.00 is charged for this course.

**Description:** Written proposal must be sponsored by at least one equine faculty member and approved by the department chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Exercise Physiology (EXP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**EXP 501. Applied Exercise Physiology****3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Consent of instructor.

**Description:** Selective review of the pertinent areas of basic physiology and the application of this knowledge to exercise conditions. Consists of both lecture and laboratory format.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EXP 502. Principles of Exercise Testing and Prescription****3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** EXP 501 or consent of instructor.

**Description:** Effects of exercise to prevent coronary heart disease and atherosclerosis; specific effects of exercise on the established risk factors. Exercise as a rehabilitative measure in heart attack recovery.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**EXP 503. Clinical Exercise Physiology****3 Units****Prerequisite(s):** EXP 502 or consent of instructor.

**Description:** This course provides students with in-depth content regarding the physiology of exercise specifically related to clinical populations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Finance (FIN)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### FIN 200. Elements of Finance 1.5 Units

**Prerequisite(s):** ACCT 200.

**Description:** This is an introduction to financial tools for running a business. Topics include financial statements and performance measures, the operating cycle of a business, cash budgeting, managing working capital, time value of money, capital expenditures, sources and cost of funds, debt, risk, and financial distress.

**Note:** This course is not open to College of Business students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### FIN 201. Money Management and Personal Finance 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** The study of the techniques and process of saving and managing money: and of creating, organizing, implementing, monitoring, and revising a personal plan for procuring and allocating financial resources in order to achieve financial objectives and goals. The topics covered include cash management and budgeting; financial services to include savings and checking accounts; consumer credit; consumer buying; housing; risk management and insurance; investments; estate and retirement planning; tax planning; and the time value of money.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### FIN 301. Corporate Finance 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** MATH 180 or MATH 205 or equivalent; ACCT 201; CIS 250 or CIS 305; ECON 201; and one of the following: BSTA 301, BSTA 201, MATH 109, PSYC 301, SOC 301, CJ 326, MGMT 201 or equivalent.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A study of techniques that enable firms to efficiently manage their financial resources and maximize the value of their owners' investment. Investment techniques and analysis applied to the individual as well as to the firm. Computer and calculator problem solving.

**Note:** Restricted to students admitted to COB BSBA majors and FIN minors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### FIN 302. Business Finance 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ACCT 201 or ACCT 202 or ACCT 203; ECON 201; BSTA 301; CIS 100 or CIS 250 or CIS 305.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Restricted to BBA majors only. A study of business financial decision-making. Decision-making techniques that enable firms to efficiently manage their resources and maximize the value of their owner's investment are presented and discussed. The course includes some calculator and spreadsheet problem solving. Course is restricted to students registered in the BBA Program.

**Note:** Credit toward degree requirements will only be given to BBA majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### FIN 304. Intermediate Corporate Finance 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** FIN 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** This course offers an in-depth exploration of corporate finance concepts and applications with the objective of assessing the shareholder value created by a firm's operation and financing decisions. Major topics include discounted cash flow analysis, capital budgeting decisions, project analysis with and without real options, sources of economic rents and sustained growth opportunities, risk/return relationships, and capital structure decisions and their effect on the corporate risk-adjusted cost of capital. Other topics may include leasing, corporate risk management, corporate government and restructuring.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### FIN 310. Financial Modeling 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** FIN 301 and FIN 401; restricted to COB BSBA majors and FIN minors.

**Description:** An introduction to computational finance, the emphasis is on using real data in empirically modeling theoretical concepts from other finance courses using Microsoft Excel. Models covered will include those related to bond valuation, option pricing, the capital asset pricing model, and portfolio theory. Other models may also be covered. The course includes some use of statistics and probability.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### FIN 311. Financial Technology 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** FIN 301; restricted to students admitted to COB BSBA majors and FIN minors.

**Description:** The primary emphasis of the course is to provide students with a broad introduction to Financial Technology and how it plays a role in the field of Finance. The course will cover financial technology growth, regulation, impact, robo-advising, cryptocurrency, crowdfunding, and the effect of artificial intelligence and machine learning on the finance industry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>FIN 330. Banking and Financial Administration</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FIN 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> A study of the management of internal operations of financial institutions, especially commercial banks, but including other savings institutions and insurance companies. The operations of the institutions are examined in light of trends and developments in the financial community. Included are topics such as expansion via bank holding companies or branching, portfolio management of loans, marketable securities and liabilities, and legal or regulatory constraints. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>FIN 396. Zero-Credit Internship-Finance</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FIN 301, good academic standing, and validation through the Ulmer Career Management Center.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Application to the zero-credit internship program and completion of orientation processes should be accomplished prior to employment. Students must be Finance majors. A new workplace experience in an approved Finance position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools. This program is available to students who have received the maximum number of co-op credit hours for their major.  <b>Note:</b> This course is restricted and requires permission from the Ulmer Career Management Center.</p>	<p><b>0 Units</b></p>
<p><b>FIN 345. Entrepreneurial Finance</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> FIN 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> The focus is on financing issues facing new, young, and small business ventures. Topics include financial statements, financial forecasts, venture valuation, sources and forms of venture capital and negotiations between owners and suppliers of funds. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>FIN 397. Co-op in Finance I</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FIN 301, good academic standing, validation from the Ulmer Career Center.  <b>Description:</b> FIN majors only. Application to the co-op program and completion of orientation processes should be completed prior to employment. Finance majors only. A new workplace experience in an approved Finance position which offers a progression of learning in a level-appropriate opportunity for practical application of classroom theory and tools. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1-3 Units</b></p>
<p><b>FIN 350. Risk and Insurance</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> FIN 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Designed for understanding the importance of risk management in personal and business affairs, the different methods of handling risks that are insurable, and risks that are not insurable. A portion of this course is devoted to the analysis and solution of risk situations. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>FIN 398. Co-op in Finance II</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FIN 301, good academic standing, validation from the Ulmer Career Center.  <b>Description:</b> FIN majors only. A new or continued workplace experience in an approved Finance position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p><b>1-3 Units</b></p>
<p><b>FIN 360. Business Valuation</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FIN 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> The study of techniques and methodologies that enable the determination of value for business entities. Includes discussion of professional standards of business valuation. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>FIN 370. International Finance</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FIN 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> A study of corporate finance within an international context. Discusses exchange rates, parity conditions, capital flows, and international banking. Examines the financing strategies and capital budgeting techniques of multinational corporations. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>		

**FIN 399. Co-op in Finance III** **3 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** FIN 301, good academic standing, validation from the Ulmer Career Center.

**Description:** FIN majors only. A continued or new workplace experience in an approved Finance position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 401. Investments** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** FIN 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Introduction to the various investment alternatives available to the individual investor. Covers: sources of information; the securities markets in the United States; policies of investment companies and institutions; the problems and procedures of investment risks and investment analysis.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 402. Security Analysis and Portfolio Management** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** FIN 304 and FIN 401.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An introduction to the principles, methods, and techniques of asset selection and the portfolio mix through the application of investment principles to investment policy. Investigation of the interrelationship between the economy and individual securities as well as the securities markets is made. Techniques of valuation and portfolio management are covered, including fundamental, technical and portfolio analysis.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 403. Financial Derivatives** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** FIN 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** An introduction to financial derivative contracts: forwards, futures, swaps and options. Valuation and pricing models for these contracts are derived. Proper ways to use these contracts for the purpose of risk management are emphasized.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 404. Equine Financial Management** **3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** FIN 301.

**Description:** Applications of analytical techniques to financial decision making in the equine industry for both publicly traded and private entities. Emphasis on Capital Asset Pricing Model, discounted cash flows, IRR, NPV and investment analysis techniques. In depth use of financial calculator and Excel spreadsheets for financial modeling. Review of insurance and risk management in the equine industry. Angel investing, funding for start-up entities, Auction Markets and bidding techniques. Financing considerations in not for profit entities such as the Kentucky Horse Park. The financing and valuation of assets and businesses and financing options are considered in a risk/return framework.

**Note:** Cross-listed with EQIN 403.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 405. Securities Broker and Financial Industry Preparation** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** FIN 401.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** This course is designed to provide students with insight into the connection between the real financial industry world and theory. This provides insight into the actual practice of analyzing, selling and trading financial products and prepares student to take the Financial Industry Regulatory Authority (FINRA) Series 7 general securities licensing examination.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 414. Applied Financial Econometrics** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Math 180 or Math 205, and FIN 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Econometric application of economic and financial concepts and principles related to corporate finance, investments, financial markets, and international finance. Quantitative techniques include time series analysis, exponential smoothing, and regression analysis.

**Note:** Cross-listed with ECON 414.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 415. Capital Budgeting** **3 Units**

**Prerequisite(s):** FIN 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** A study of the techniques used to evaluate, select, and finance long-lived business assets. Topics included in the course are interest factors, cash-flow determination, evaluation techniques, risk adjustment, capital rationing, cost of capital and leasing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 433. Financial Markets and Institutions** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** FIN 301 or faculty consent.**Fee:** An additional \$45.00 is charged for this course.

**Description:** This course provides a study of financial institutions such as banks and financial instruments and markets such as the stock, bond, money and mortgage markets. The course integrates macro-economic concepts such as interest rate determination and the role of the Federal Reserve with asset valuation and the movement of capital in the financial marketplace. Commercial bank financial statements and key risks are covered. Periods of financial crises are also examined. Options, futures and swaps are discussed in the context of hedging risks in banks and other types of firms. The course builds heavily on the concepts of time value of money and risk and return, as developed in previous courses.

**Note:** Cross-listed with ECON 433.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 475. Capstone Seminar in Finance - CUE** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** FIN 304 and FIN 401.**Fee:** An additional \$45.00 is charged for this course.

**Description:** A senior level capstone course which will integrate financial concepts and theory to solve and apply to real work problems.

**Note:** No exceptions will be made to the prerequisite requirements.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 490. Special Topics in Finance** 1-3 Units**Term Typically Offered:** Fall, Spring**Fee:** An additional \$45.00 is charged for this course.

**Description:** A variety of topics in financial theory and/or application will be studied. Course content will vary but the content will not duplicate current offerings. A student may repeat this course for credit as long as the particular topic is different.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 491. Special Topics in Economics and Finance** 3 Units

**Description:** Topics of current importance to students of economics and finance will be studied. Content of course will vary but will not duplicate current offerings. This course may be repeated for credit as long as content or topics were not already covered by the student in this course.

**Note:** Cross-listed with ECON 491.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 499. Independent Study in Finance** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Fee:** An additional \$45.00 is charged for this course.

**Description:** Written proposal must be sponsored by at least one faculty member and approved by the Department Chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FIN 500. Business Finance** 3 Units**Prerequisite(s):** Admission to MBA program.

**Description:** An introduction to financial concepts from the corporate perspective. Topics include the basics of financial statements, an overview of the financial markets, risk and return, the time value of money, security valuation using time value concepts, cash flow determination and valuation, and long-term capital investment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## French (FREN)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**FREN 000. French Study Abroad** 1-30 Units**Prerequisite(s):** A letter of intent addressed to the department chair and membership in a program approved by the department.

**Description:** Credit awarded to students upon successful completion of the program as documented by the Francophone institution. Upon return, students will be required to demonstrate proficiency at a level agreed upon by the Department of Classical and Modern Languages prior to departure.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>FREN 121. Basic French I</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> No previous study of the language or placement score below 250 on the WebCAPE French placement exam.  <b>Description:</b> For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing.  <b>Note:</b> Not counted toward French major.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 250. Introduction to the French-Speaking World - AH, D2</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> A general introduction, taught in English, to the arts, culture and history of areas throughout the world in which French is the primary language.  <b>Note:</b> Cross-listed with ML 250.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 122. Basic French II</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Completion of French 121 or equivalent or score between 250-299 on the WebCAPE French placement exam.  <b>Description:</b> For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing.  <b>Note:</b> Not counted toward French major.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 313. Special Topics in French Literature, Language, and Culture</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FREN 123 or FREN 142, or equivalent.  <b>Description:</b> Critical reading and interpretation of works in French whose themes and issues have relevance to today's world. Topics may vary from semester to semester.  <b>Note:</b> May be repeated once for credit.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 123. Basic French III</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FREN 122 or equivalent.  <b>Description:</b> A treatment of more advanced grammar topics and the continuation of work with the development of basic language fluency in listening, speaking, reading and writing.  <b>Note:</b> Formerly FREN 221.  <b>Note:</b> Does not count toward major in French.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 315. Etymologie française; la mémoire des mots.</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 320 or permission of instructor.  <b>Description:</b> Analysis of the classical heritage present in French with inclusion of word histories giving special attention to scientific/technical terminology.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 141. Intensive French I</b> <span style="float: right;"><b>6 Units</b></span>  <b>Description:</b> For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing.  <b>Note:</b> Not counted toward major.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 320. French Skills Overview</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Completion of FREN 123 or equivalent.  <b>Description:</b> , or score between 300-399 on the WebCAPE French placement exam. Consolidation of oral and written language skills to improve listening, speaking, reading and writing abilities.  <b>Note:</b> Required of all French majors and minors unless student's native language is French.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 142. Intensive French II</b> <span style="float: right;"><b>6 Units</b></span>  <b>Prerequisite(s):</b> FREN 141.  <b>Description:</b> A treatment of more advanced grammar topics and the continuation of work with the development of basic language fluency in listening, speaking, reading and writing.  <b>Note:</b> Does not count toward major in French.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 321. French Conversation</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Completion of FREN 320, or equivalent, or score between 400-500 on the WebCAPE French placement exam.  <b>Description:</b> Intensive practice in oral French in a variety of conversational settings.  <b>Note:</b> Required of all French majors and minors unless student's native language is French.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>FREN 322. Written Expression - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Completion of FREN 320, or equivalent, or score between 400-500 on the WebCAPE French placement exam.  <b>Description:</b> Intensive practice in written French; grammar review and vocabulary building. Approved for the Arts and Sciences upper-level requirement in written communication (WR).  <b>Note:</b> Required of all French majors and minors.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 329. Paris in Literature and Film</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 320 or consent of instructor.  <b>Description:</b> The representation of Paris in literature, cultural texts, and films from the Middle Ages to the present.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 323. French for The Workplace</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 321 or FREN 322, or faculty consent.  <b>Description:</b> French professional correspondence; commercial practices; workplace behavior and expectations; workplace-specific vocabulary; sensitivity and exposure to cultural practices.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 331. French Civilization</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> FREN 321 and FREN 322, or faculty consent.  <b>Description:</b> Historical study of French culture and society from the beginnings to the 20th century, leading to an understanding of the development of French civilization.  <b>Note:</b> Required of all French majors.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 325. French Theater Practicum</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 321 or faculty consent.  <b>Description:</b> Components in the production of a French play, from the decision to produce it to formal presentation before an audience.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 332. France Today</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> FREN 321 and FREN 322, or faculty consent.  <b>Description:</b> Study of contemporary French culture and civilization and in-depth exploration of current political and social issues.  <b>Note:</b> Required of all French majors.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 326. Francophonie: Text and Context</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 320 or faculty consent.  <b>Description:</b> Literature and culture of the French-speaking world outside France, including Africa, the Middle East, Asia and the Pacific, the Caribbean, the Americas.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 440. Community Internship</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> FREN 320 and FREN 321 and permission of instructor.  <b>Description:</b> An individually arranged internship that allows majors and minors to practice their language skills while enhancing their knowledge of culture as well as practical and critical thinking skills. Students work for a total of 80 approved hours per semester and complete accompanying academic work.  <b>Note:</b> May be repeated once for credit.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 327. The French Detective Story</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 320 or faculty consent.  <b>Description:</b> Exploration of the detective novel genre through study of works by French and francophone authors.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>FREN 455. Reading in French</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> FREN 321 and FREN 322, or faculty consent.  <b>Description:</b> Study of literary and non-literary texts from France and/or other francophone regions.  <b>Note:</b> Required of all French majors.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>FREN 328. French Cinema</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> FREN 320 or consent of instructor.  <b>Description:</b> Survey of French cinema from the late 19th century to the present. The works of directors such as Renoir, Truffaut, Godard and others are studied and analyzed.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

- FREN 500. French Work Exchange** 3-6 Units  
**Prerequisite(s):** Membership in a University of Louisville Work-Exchange Program with Montpellier administered by the International Center.  
**Description:** Credit awarded upon demonstration of successful completion of course undertaken with prior approval of the department. Cooperating businesses in Montpellier provide jobs for participants who gain practical experience in a French work environment.  
**Note:** Only three credits can be applied to a French major.  
**Note:** May be repeated.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 506. Francophone Women Writers** 3 Units  
**Prerequisite(s):** FREN 321 and FREN 322, or faculty consent.  
**Description:** Readings of literary and non-literary texts by women of the French-speaking world.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 522. French Phonetics and Diction** 3 Units  
**Prerequisite(s):** 6 hours of French at 300+ level or consent of instructor.  
**Description:** Pronunciation, diction, and intonation in theory and practice. Corrective exercises, recordings for the analysis of individual pronunciation problems. Poetry and prose studied in phonetic transcription, using the International Phonetic Alphabet; extemporaneous speaking and prepared readings.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 523. Advanced Communication Skills** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** FREN 321 and FREN 322, or faculty consent.  
**Description:** Advanced French language course focusing on written and oral expression through the study of French and/or francophone literary and cultural texts.  
**Note:** Required of all French majors.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 524. Theory and Practice of Translation** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** FREN 455.  
**Description:** Discusses translation theory and develops techniques for the effective translation of a variety of materials.  
**Note:** Required of all French majors.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 531. Special Topics in Literature and Cultural Studies** 3 Units  
**Prerequisite(s):** FREN 455 or faculty consent.  
**Description:** An intensive study of an aspect of French or Francophone literature and/or culture.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 551. French Oral Practicum** 3 Units  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** Membership in the UofL work-exchange program with Montpellier administered by the International Center.  
**Description:** Credit awarded upon demonstration of successful completion of course undertaken with prior approval of the department. Cooperating businesses in Montpellier provide jobs for participants who gain practical experience in a French work environment.  
**Note:** Only 3 credits total count toward French minor.  
**Note:** May be repeated for credit.  
**Note:** Taught on Pass/Fail basis.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 552. French Work: Exchange Research** 3 Units  
**Prerequisite(s):** Membership in the UofL work-exchange program with Montpellier administered by International Center.  
**Description:** Credit awarded upon demonstration of successful completion of a research project supervised by a French faculty member. Cooperating businesses in Montpellier provide jobs for participants who gain practical experience in a French work environment.  
**Note:** Only 3 credits total count toward French major.  
**Note:** May be repeated for credit.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 561. Independent Study I** 1-3 Units  
**Prerequisite(s):** Consent of department.  
**Description:** Independent study in areas not covered in the regular curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- FREN 562. Independent Study II** 1-3 Units  
**Prerequisite(s):** Consent of department.  
**Description:** Independent study in areas not covered in the regular curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FREN 590. Senior Capstone - CUE** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Declared French major, Senior standing, and completion of all 300- and 400-level requirements for the French major.  
**Description:** Critical and reflective thinking to integrate undergraduate work and explore options for future employment.  
**Note:** Required for all French majors.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**FREN 599. Special Topics** **3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Topics of a unique or specialized nature in French language, literature or culture.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## General Studies (GEN)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**GEN 95. Collegiate Success for A&S** **2 Units**

**Prerequisite(s):** Permission of instructor.  
**Description:** Intermediate course for students in the College of Arts and Sciences. This course will focus on time management, study skills, resources, networking, how to learn from every experience (good or bad), policies related to academic standing, financing, staying on track to graduation, transitions, relationships, selecting courses, major, and electives, planning for the future, and how to overcome obstacles.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEN 100. Student Success Center First Year Experience** **1 Unit**

**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to the University of Louisville that assist new students who are unsure of their intended major or who are seeking admission to another academic unit in enhancing their personal academic integration to campus. The course focuses on individual student success, as well as students' personal and academic development as they navigate their first year of college. The course helps students clarify purpose and meaning through exploration of their individual skills, and interests.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEN 101. Arts & Sciences First Year Experience** **1 Unit**

**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to the University of Louisville and the College of Arts & Sciences for students who are pursuing a major in the college. The course is designed to assist new students in enhancing their personal and academic integration to campus. The course focuses on individual student success, as well as students' personal and academic development as they navigate their first year of college. The course helps students clarify purpose and meaning through exploration of their individual skills, values, and interests.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEN 103. Special Topics in College Mathematics for Non-STEM Majors** **3 Units**

**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ACT Math subscore 0-19 or SAT Math subscore of 260-500.

**Description:** GEN 103 for non-STEM majors serves as a required intervention course for students who do not achieve the college-readiness standard for a basic Quantitative Reasoning course (e.g. MATH 105), or GEN 104. This course allows for direct instruction and individualized instruction via computer assisted learning. Course topics are determined by an individual assessment of algebra skills and may include operations with real numbers and fractions, polynomials, linear equations, inequalities, and systems of equations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEN 104. Special Topics in College Mathematics for STEM Majors** **3 Units**

**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Math placement testing or P (Pass) grade in GEN 103 or course grade C or above in MAT 65 (or equivalent).  
**Description:** GEN 104 for STEM majors serves as a required intervention course for students who do not achieve the college-readiness standard for the entry-level MATH course required for their major. Intended for students who need MATH 107, MATH 111, and other higher numbered MATH courses. This course allows for direct instruction and individualized instruction via computer-assisted learning. Course topics are determined by an individual assessment of algebra skills and may include factoring, rational expressions, and equations, radical expressions, and quadratic equations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEN 105. Special Topics in Supplemented College Reading 2-5 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** A score of less than 20 on the ACT Reading or a score of less than 480 on the SAT Reading or a score of less than 244 on the Accuplacer.**Description:** Supplemented College Reading is designed to provide instruction in college level reading strategies using disciplinary content materials. This course serves as a required intervention mandated by state law for college reading readiness, providing college study strategies and academic tutoring specific to a content course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GEN 111. The Global Classroom: Defining the Study Abroad Experience 1 Unit****Grading Basis:** Pass/Fail**Prerequisite(s):** Must be enrolled in a study abroad program or international internship.**Description:** Examination, discussion and analysis of the international education experience. Course helps students apply various techniques to make full use of and evaluate their studies and/or internship abroad.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GEN 201. Career Decision-Making for Exploratory Students 1 Unit****Term Typically Offered:** Fall, Spring**Description:** Addresses the basic questions of career and major exploration that Exploratory (undecided) students face when entering college. The goal of the courses is an understanding of the career development process, its tools, and materials.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GEN 202. Occupational Exploration: Your Career Choice 1 Unit****Grading Basis:** Pass/Fail**Term Typically Offered:** Occasionally Offered**Description:** This seminar will examine specific fields of study to support the career and major exploration process for students who want to further explore the suitability of a major/career track.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GEN 203. Internship 1 Unit****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** 2.**Description:** 5 GPA and 45 credit hours completed. Practical experience in an organization within the community, and reflection on how knowledge was applied in the field. Contact the Career Development Center for application procedures and guidelines.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GEN 204. Leadership and Strategic Career Development 1 Unit****Term Typically Offered:** Occasionally Offered**Description:** This seminar will require students to engage in critical reflection, chart a path toward personal and professional growth, and craft a specified course of action to enhance leadership competence and career progression.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GEN 301. Topics in Experiential Learning 1-12 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Approval of chair of the department of the student's major and approval of the dean.**Description:** Internship or other experiential learning opportunities, nationally or internationally. Student must be admitted to the program providing the experiential activity prior to enrollment in this course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Geography (GEOG)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**GEOG 157. Elements of GIS 3 Units****Term Typically Offered:** Fall, Spring**Description:** Elements of geographic information systems: focus on introductory GIS functions including; spatial database development, analysis, graphical output, digital data generation, overlapping & updating.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- GEOG 200. Human Geography in a Changing World - SB, D2** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** The basic theme of this course is human geography as the study of place and the power that place has in the conduct of human affairs. Students will study the geographic distributions of human activities at global, regional and local scales, and the causes and consequences of those activities. Specific topics covered include population distribution and movement, economic activity, sustainable development, urban and rural settlements, and cultural and political environments. Students will also become acquainted with the tools that geographers use to understand, map, and analyze current affairs across world regions and gain good knowledge of how those tools are applied to real-world problem solving.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 256. Introduction to Quantitative Methods in Geography and Geosciences - QR** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Appropriate math placement score or equivalent coursework.  
**Description:** This course is designed to teach introductory statistics to undergraduates majoring in the social sciences. It will acquaint students with some fundamental quantitative and statistical techniques for practical data analysis and problem solving. A wide variety of real-world examples that are both relevant to social sciences and of interest to students will be used in the class. Student will also learn how standard statistical techniques can be applied in a spatial context. This course is intended to be practical. In addition to lectures, the class involves in-class discussions, exercises, and take-home assignments which aim to provide students with hands-on experience in using various quantitative and statistical methods.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 270. Introduction to Field Methods in Geography** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course focuses on methodologies in field-based, quantitative and qualitative research within Geography, with emphasis on research theory, study and sampling design, data collection and organization, and preliminary data analysis and interpretation. Students will learn more about the scientific process: (1) how to form hypothesis, research questions, and objectives, (2) how to design a research project to answer questions/test hypotheses, (3) how to collect, interpret, and present data, and (4) how to write up a scientific report or progress and/or findings.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 300. Globalization and Diversity - D2, SB** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** A contemporary approach to world regional geography that focuses on human diversity and the geographic changes that accompany today's rapid rate of globalization.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 301. Geography of Kentucky** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Spatial patterns and processes of the Commonwealth; emphasis on human-environment interaction, population, settlement, and economic base.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 305. Historical Geography of the United States** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Analysis of the changing cultural landscape and settlement patterns of the United States. Emphasis on the changing spatial relationships of ethnic minorities to the majority group.  
**Note:** Cross-listed with HIST 305.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 308. Understanding China: People, Environment and Development** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Description:** The diversity of China's environment and people is integral to understanding the ways in which economic and sociocultural changes have taken place. This course is designed to help students gain a better understanding of China under globalization. The course explores modern China around two leading themes: (1) China's spatial organization, including its growing links to the global system, and (2) the human occupancy and use of the many types of environments. It will examine how transformations of China's land, people, economy, and society are reshaping its internal divisions and repositioning China in a rapidly changing world.  
**Note:** Cross-listed with AST 308.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOG 314. Africa: Environment and Resources** 3 Units  
**Description:** Natural and human potentials of the African continent, with particular reference to Sub-Saharan Africa. Exploration of social, cultural, economic and political factors influencing use of African resources. Emphasis on factors degrading the environment and constraining optimum use of natural and human resources.  
**Note:** Cross-listed with PAS 386.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 316. Geography of South Asia 3 Units**

**Description:** An analysis of the Indian subcontinent; emphasis on the physical and cultural setting, political disturbances, population problems, and economic development.

**Note:** Cross-listed with AST 316.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 320. Geopolitics 3 Units**

**Description:** This course introduces students to the main concepts and research themes in contemporary geopolitics. Geopolitics represents a broad engagement with the interactive relationships between power and place, and the construction, contestation and reconfiguration of political spaces that results. During the semester we will examine the formation of geopolitical images of the world, where these images come from, and how they have shaped our thinking and politics over time.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 324. Race and Place 3 Units**

**Description:** In this course, students will explore the many ways race is socially constructed and intimately tied to space and place. Topics covered include: the spatiality of plantations, segregation vs. separation, the Great migration, race in urban and rural spaces, the intersection between race, gender and place, and race and place beyond the United States.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 327. Economic Geography 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** The distribution of economic activity and its associated characteristics that give character to place.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 328. Urban Geography 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Examination of the association of activities in urban areas as they are expressed in patterns of land use and occupancy features.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 331. Population Geography 3 Units**

**Term Typically Offered:** Spring Only

**Description:** An examination of spatial variations in human population, with emphasis on population characteristics, growth, and mobility.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 340. Environmental Conflict in the United States: Historical Foundations & Contemporary Problems - D1, SBH 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** A review of various environmental conflicts throughout the United States, including the legal, economic, and policy processes behind them and the reasons why conflict exists. This course explores environmental issues in a variety of United States contexts. This course places particular emphasis on the historical foundations of contemporary environmental conflict and dynamics of identity-based inequalities rooted in differences such as race and socio-economic class.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 350. Introduction to Mapping and Geospatial Technologies 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Introduction to the concepts and methods of map construction and visualization, including scale, location, projection, design, symbolism, and compilation. Exploration of these concepts and methods through the use of geospatial technologies.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 355. Introduction to Remote Sensing 3 Units**

**Term Typically Offered:** Fall Only

**Description:** This course provides an introduction to the theory and application of remote sensing data with weekly lab reports for hands-on-experience in the acquisition and utilization of remotely-sensed data in geographical/environmental research. This course prepares for GEOG 556. Prior completion of GEOS 200, GEOS 350, or GEOS 301, or PHYS 111 or equivalent is recommended, but not required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 356. Introduction to Spatial Statistics 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** GEOG 256.

**Description:** Introduction to multivariate statistical analyses and spatial statistics, i.e. statistical methods that use space and spatial relationships directly in their mathematical computations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 360. Qualitative Methods for Undergraduates 3 Units**

**Description:** The course introduces students to the basic tools and concepts of qualitative social research and their geographic application. The readings and in-class exercises have been selected to introduce you to the scope of qualitative methodological approaches used in geography and provide a sampling of references and resources that will help you work through your own research process. In examining how we generate and interpret data from the field-the social, environmental and political space where we learn about the world-we will critique and apply a variety of qualitative methods. In the process, you will have a chance to explore these methods in the context of your own planned or ongoing work and interest. We will focus on a wide range of methods but pay close attention to: conducting interviews, constructing questionnaires, participant observation and discourse analysis.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 361. Sustainable Human Environments - WR 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Natural sciences general education requirements.

**Description:** An inquiry into the human impact on the environment and human adjustment to environmental disruptions.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 362. Disease, Ecology and Environmental Management in Africa - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Relationship between disease agents and the human and physical environment in Africa. Impact of urbanization, industrial pollution and multinational corporations on disease causation and distribution.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Cross-listed with PAS 384.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 367. Applications Development for GIS 3 Units**

**Prerequisite(s):** GEOG 357 or GEOG 558.

**Description:** Instruction in the fundamentals of Visual Basic for Applications, object oriented programming, basics of ArcObjects, syntax of writing VB statements, branching and looping structures, and design of user forms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 385. Introduction to Programming for GIS and Spatial Data Analysis 3 Units**

**Term Typically Offered:** Spring Only

**Description:** There are two primary goals for this course. First, students will learn introductory computer programming concepts and features.

Students will deconstruct examples from a variety of programming and scripting languages (primarily Python, R, VBA, and IDL), learning how to identify common logic, flow control and syntactic features.

Students will learn the purpose of these structures and how to start using the programming and scripting environments of common statistics, geographic information systems (GIS) and remote sensing (RS) platforms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 390. Special Topics 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Investigation of topics not offered in regular courses. Topics will be announced in Schedule of Courses.

**Note:** May be repeated for different topics up to a limit of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 391. Independent Study 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 399. Senior Honors Seminar - WR 3 Units**

**Prerequisite(s):** Junior class standing; admission to the departmental honors program.

**Description:** Investigation of a major scientific or social issue within the field of geography.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 401. Cooperative Internship 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Department sponsorship and approval.

**Description:** Cooperative Internship in Geography/Geosciences.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 441. Senior Thesis Proposal - WR 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** GEOG 256 and GEOG 558; no concurrent enrollment of either prerequisites allowed.

**Description:** GEOG 441 is the first of 2 steps Geography & Geosciences senior take to accomplish a College of Arts & Sciences culminating undergraduate experience (CUE). The students are expected to holistically apply disciplinary knowledge acquired at the Department of Geography & Geosciences. The course concludes with the development and presentation of a senior thesis proposal. Note: Approved for the Arts & Sciences upper-level requirement in written communication (WR)

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>GEOG 442. Senior Thesis - CUE, WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> GEOG 441.  <b>Description:</b> Independent study for data collection and preparation of senior thesis.  <b>Note:</b> Approved for the Arts &amp; Sciences upper-level requirement in written communication (WR).  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 521. Medical Geography</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> Introduction to concepts, methods and tools used to investigate geographic aspects of health and disease. Application of concepts and methods through analysis of health, population and environmental data.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 499. Senior Honors Thesis - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Senior standing; admission to departmental honors program.  <b>Description:</b> An intensive examination of a topical area in geography/geosciences undertaken with a designated faculty director.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 522. GIS and Public Health</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Application of tools and methods of analysis in geographic information systems (GIS) to public health. Use of ArcGIS software to manage and analyze health, census and spatial data.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 500. Globalization Seminar</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> GEOG 300 or permission of instructor.  <b>Description:</b> A discussion-based course that focuses on current events, global economies, and cultural and environmental issues resulting from globalization.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 524. Food and Race</b> <span style="float: right;"><b>3 Units</b></span>  <b>Description:</b> This course will serve as a critical analysis of the intersection between race and food/agriculture. Topics covered include: 1) production, preparation and consumption patterns; 2) food production during slavery and sharecropping; 3) modern day agricultural labor; 4) food and health; 5) food and borders; and 6) food and national identity.  <b>Note:</b> Cross-listed with PAS 605.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 510. Urbanism in the Global South: Cities and Space</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> This course is a reading-based seminar. We learn about processes and practices within the Latin American and African city from a spatial, cultural, economic and political perspective.  <b>Note:</b> Cross-listed with LALS 510 and UPA 652.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 525. Earth Observation and Sustainability: Our Human Planet</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Description:</b> This course will facilitate student understanding of the United Nations Sustainable Development Goals in a spatially-explicit manner by introducing how Earth Observation data is being used to monitor and measure the SDG indicators.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 520. Geography and Nutrition Among African and African-American Populations</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Comparison of geographical conditions, food culture, technology and socioeconomic factors among Africans and African-Americans affecting health and nutrition.  <b>Note:</b> Previously cross-listed with PAS 560.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 528. Planning, History and Issues</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> GEOG 328.  <b>Description:</b> The history of planning and contemporary issues with an emphasis on role of planning, zoning and law.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 529. Geography of Urban Issues</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Odd Years  <b>Prerequisite(s):</b> GEOG 328, GEOG 558 or comparable Urban Geography and GIS course.  <b>Description:</b> Advanced urban geography course with unique geographic perspective for integration of socioeconomic problems in America's metropolitan areas.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 529. Geography of Urban Issues</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Odd Years  <b>Prerequisite(s):</b> GEOG 328, GEOG 558 or comparable Urban Geography and GIS course.  <b>Description:</b> Advanced urban geography course with unique geographic perspective for integration of socioeconomic problems in America's metropolitan areas.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>GEOG 530. Transportation Geography</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Odd Years  <b>Prerequisite(s):</b> GEOG 200 or consent of instructor.  <b>Description:</b> An analysis of distribution and transportation systems as functional entities capable of introducing and reacting to change within the economic region.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 545. Unmanned Aerial Systems and Geospatial Applications</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Description:</b> This course introduces unmanned aerial system (UAS) technology, application and the underlying principles of remote sensing and photogrammetry that inform the utilization of UAS data in geographical/environmental research.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 531. GIS &amp; Urban Demographic Analysis</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> GIS knowledge or concurrent tutorial.  <b>Description:</b> Demographic analysis through the use of GIS technology. Emphasis placed on metropolitan area characteristics including population change, segregation, ethnic settlement, social and economic stratification and commuting.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 548. Special Topics in Urban Analysis Applications in GIS</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> GEOG 357 or GEOG 558.  <b>Description:</b> Introduction to the application of GIS by local governments, non-profit agencies and other urban-related groups.  <b>Note:</b> May be repeated if topics vary.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 535. GIS and Retail Site Analysis</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> GIS knowledge or concurrent tutorial.  <b>Description:</b> Retail site analysis through use of GIS technology. Emphasis placed on market demand and supply characteristics. Physical site analysis, demographics, and competitive environment will be examined.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 549. Special Topics in Environmental Analysis Applications in GIS</b> <span style="float: right;"><b>3 Units</b></span>  <b>Description:</b> Introduction to the application of GIS to environmental problem solving.  <b>Note:</b> May be repeated if topics vary.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 536. Sustainable Transportation</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Even Years  <b>Prerequisite(s):</b> GEOG 200 or permission of instructor.  <b>Description:</b> The course looks into the problems of developing sustainable transportation systems. We will examine the environmental and human problems associated with transportation; including climate change, air quality, consumption of non-renewable resources, safety, congestion and social equity. We will also explore possible solutions to these problems, including pricing, planning, policy, technology and education.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 555. Remote Sensing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> This course provides an introduction to the theory and application of remote sensing data with weekly lab reports for hands-on-experience in the acquisition and utilization of remotely-sensed data in geographical/environmental research. This course prepares for GEOG 556. Prior completion of GEOS 200, GEOS 350, or GEOS 301, or PHYS 111 or equivalent is recommended, but not required.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>GEOG 540. Geography and Human-Environment Interactions</b> <span style="float: right;"><b>3 Units</b></span>  <b>Description:</b> The study of interactions between humans and the environment is inherently interdisciplinary and multi-scalar, two of the hallmarks of contemporary geographic research. Students taking this course will be exposed to the theoretical underpinnings of both social and ecological aspects of research. Through in-class discussions of both seminal and contemporary peer-reviewed literature, students will be expected to engage in an interdisciplinary exploration of how studies of human-environment interactions have evolved from disciplinary roots into the large, complex and transdisciplinary projects commonly funded today and expected in the future.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>GEOG 556. Advanced Remote Sensing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> GEOG 555 or consent of instructor.  <b>Description:</b> Application of advanced techniques involved in the collection of digital imagery data from aircraft and spacecraft instruments.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
	<p><b>GEOG 558. Introduction to Geographic Information Systems</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Introduction to geographic information systems using ArcGIS software, management of relational databases, and manipulation and graphical output of digital geo-spatial data.  <b>Note:</b> May not be taken for credit if credit has been earned in GEOG 357 or GEOG 557.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**GEOG 559. Advanced Geographic Information Systems 3 Units**

**Prerequisite(s):** GEOG 558.

**Description:** Application of advanced GIS concepts to real-world projects. An emphasis will be placed on the development of a digital spatial database.

**Note:** Graduate students must arrange for an additional project for graduate credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 561. Urban Environmental Quality 3 Units**

**Prerequisite(s):** Consent of instructor.

**Description:** A study of environmental aspects of urban areas and analysis of inter- and intra-city variations in environmental quality. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 583. Spatial and Non-Spatial Database Management 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** GEOG 357 or GEOG 558.

**Description:** Provides students with "hands-on" experience in development, management and integration of spatial and non-spatial databases, using GIS and database management software. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 590. Special Topics 3 Units**

**Description:** Investigation of topics not offered in regular courses. Topic will be announced in Schedule of Courses.

**Note:** Offered as needed.

**Note:** May be repeated for different topics up to a limit of 12 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOG 599. Directed Readings in Geography 1-4 Units**

**Prerequisite(s):** Advanced courses in geography or related fields; permission of major department.

**Description:** Supervised readings centered around a specific region or topical field for advanced work.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Geosciences (GEOS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**GEOS 200. The Global Environment - S 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An introduction to the global physical environment, emphasizing the evolution and interaction of Earth's atmosphere, hydrosphere, lithosphere and biosphere; emphasizing energy and material cycles, and global change. An integrative spatial approach guided by scientific processes is used to study these interactions. Questions of global sustainability are addressed in the increasingly complex interactions between humans and their environment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOS 218. The Global Environment Lab - SL 1 Unit**

**Term Typically Offered:** Fall, Spring

**Corequisite(s):** GEOS 200.

**Description:** An introduction to the global environment, emphasizing the evolution of interaction of Earth's atmosphere, hydrosphere, lithosphere and biosphere; energy and material cycles, and global change. The lab is designed to expand upon concepts covered in the GEOS 200 lecture course through a series of in-class collaborative activities which emphasize a wide range of topics related to interpreting maps, weather and climate processes, tectonic processes and landforms. These activities include interactive Google Earth exercises.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOS 219. Introduction to Weather and Climate Lab - SL 1 Unit**

**Term Typically Offered:** Fall, Spring

**Corequisite(s):** GEOS 220 or PHYS 220.

**Description:** A lab designed to provide real-world examples of atmospheric processes through analysis and problem solving using basic concepts and physical principles relevant to the atmosphere. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GEOS 220. Introduction to Weather and Climate - S 3 Units**

**Term Typically Offered:** Fall Only

**Description:** The topics to be covered in this course include season, temperature, pressure, wind and moisture of the atmosphere, storm system such as mid-latitude cyclones, thunderstorms, tornadoes and hurricanes, the weather forecast process, and climate change.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- GEOS 301. Geology for Scientists and Engineers** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** A fundamental study of geological processes as applied to solid earth materials, structures, landforms, water resources and geologic hazards. The course includes introduction to the geology of Kentucky and impact of human activities on earth's surface and biosphere.  
**Note:** Intended primarily for science and engineering majors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 305. Introduction to Weather Analysis** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** GEOS 200 or GEOS 220 or PHYS 220.  
**Description:** Introduction to common analysis techniques used to diagnose and predict the evolution of weather systems with an emphasis on the use of observations and numerical weather prediction models. Students will learn to decode meteorological observations, manually create their own weather maps, and produce forecasts for various weather events.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 360. Global Environmental Change** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course provides an introduction to the biophysical and climatological changes occurring in the Earth system and discusses the implications of these changes on human society and ecosystems worldwide.  
**Note:** While there are no prerequisites for this course, a general physical or environmental introductory course is recommended (for example, GEOS 200, ANTH 202, BIOL 240, PHYS 220).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 363. Climate Science** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOS 200 or GEOS 220/PHYS 220.  
**Description:** The scientific study of climate elements and controls emphasizing the global distribution of climate types and factors that give rise to their distribution.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 365. Biogeography** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** GEOS 200, GEOS 220, or GEOS 301.  
**Description:** Study of environmental factors and the mechanisms of succession, dispersal, and migration as they relate to the character and geographical distribution of natural vegetation.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 366. Dynamic Meteorology** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOS 370.  
**Description:** An introduction to the forces responsible for atmospheric motion and the equations governing that motion, including a discussion of various forms of atmospheric balance. Other topics include dimensional analysis and vorticity/circulation theorems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 367. Geomorphology** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOS 200 or GEOS 301.  
**Description:** Study of the relationship of climate and tectonics to Earth-surface processes and the development of landforms and landscapes.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 370. Thermodynamic Meteorology** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MATH 205 and GEOS 305.  
**Description:** A study of classical thermodynamic principles and their relationship to atmospheric processes on various scales with a central focus on moist processes and the analysis of thermodynamic charts.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 399. Senior Honors Seminar - WR** 3 Units  
**Prerequisite(s):** Junior standing; admission to the departmental honors program.  
**Description:** Investigation of a major scientific or social issue within the field of geosciences.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 430. Practicum in Geography and Geosciences Education** 1 Unit  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of instructor.  
**Description:** For STEM Undergraduate Teaching Assistants (UTAs) who have been selected to participate in the NSF-STEP-funded PRIMES project as peer mentors and undergraduate teaching assistants (UTA) in undergraduate STEM courses. This practicum course is intended to provide a pedagogical foundation for successfully engaging with students in the classes to which each UTA is assigned.  
**Note:** May be repeated for a maximum of 3 credit hours.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- GEOS 452. Physical Meteorology** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** GEOS 370.  
**Description:** This course covers three main topics: the physics of cloud and precipitation development, the basics of atmospheric radiative transfer, and radar meteorology. Items to be covered during the cloud physics portion of the course include the macroscopic properties of clouds, the physics governing the formation and growth of individual cloud droplets, and the processes responsible for the conversation of cloud droplets into precipitation-sized hydrometeors. The radiative transfer portion will cover the basics of electromagnetic radiation, the blackbody approximation, and basic radiative transfer formulas. The final topic, radar meteorology, utilizes principles from the previous two topics. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 465. Mesoscale Meteorology** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOS 370.  
**Description:** This course will introduce students to the physical processes responsible for mesoscale phenomena, with an emphasis on convective storms and their associated hazards. We will examine the differences between the mesoscale and synoptic scale as well as the linkages between the two. Students will also participate in the analysis and prediction of these events in a real-world setting. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 469. Synoptic Meteorology** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOS 370.  
**Description:** This course focuses on the application of theory to predict the formation and evolution of common weather features such as troughs, ridges, fronts, and low/high pressure systems. Special focus will be given to the prediction of the future state of the atmosphere using numerical models. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 564. Hydrology** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** GEOS 200 or GEOS 301.  
**Description:** Advanced study of the hydrologic cycle, drainage basin analysis, stream flow and flooding, pollution and utilization of water resources. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 565. Natural Hazards** **3 Units**  
**Prerequisite(s):** GEOS 200 or GEOS 301.  
**Description:** Environmental significance of natural hazards and risk assessment methods. A discussion of earthquakes, flooding, landslides/expansive soil, and volcanic eruptions. Hazards reduction and mitigation strategies. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 570. Water Resource Management** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOG 558.  
**Description:** Water resources form a critical component of any socioeconomic or environmental system. This course provides an analysis of water resource issues impacting these systems including flood and drought hazards, surface and groundwater quantity/quality issues, and energy development. Water legislation and policy aspects are further integrated with these issues at various spatial scales, including case studies from within the US and across international boundaries that lead to conflict. At the outcome of this course students will develop a basic water resource management plan for a watershed in Kentucky. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 571. GIS and Water Resources** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GEOG 558.  
**Description:** A study of the application of Geographic Information Science techniques in water resources research and management including: digital mapping of water resources, watershed delineation and modeling atmospheric, surface and groundwater processes. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GEOS 590. Selected Topics in Geosciences** **3 Units**  
**Prerequisite(s):** Consent of instructor.  
**Description:** A detailed investigation of some restricted topic of geology or related discipline. Topic to be announced in Schedule of Courses. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## German (GER)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

- GER 000. German Study Abroad** **1-15 Units**  
**Prerequisite(s):** Membership in a Language Study Abroad Program and/or programs approved by the Department of Classical and Modern Languages.  
**Description:** Credit awarded to students who have successfully completed the program. Upon return, the student will be required to demonstrate proficiency at a level agreed upon by the Department of Classical and Modern Languages prior to departure.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 121. Basic German I** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing. Emphasis on communicative competency.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 122. Basic German II** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** GERM 121 or equivalent.  
**Description:** Continuation of basic grammar, with practice in hearing, speaking, reading, and writing. Emphasis on communicative competency.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 123. Basic German III** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** GERM 121 and GERM 122 or equivalent.  
**Description:** Conclusion of basic grammar, with practice in hearing, speaking, reading, and writing. Emphasis on communicative competency.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 200. Study Abroad** **1-15 Units**  
**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 201. Intermediate German I** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GERM 123.  
**Description:** This course will review and provide practice in the fundamentals of verbs, including tenses, prefixes and modal auxiliaries. Fundamentals of the case will also be covered, including articles, adjectives and pronouns.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 202. Intermediate German II** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** GERM 201 or permission of instructor.  
**Description:** Continuation of the review and practice begun in Intermediate German I. Grammar of adverbs, prepositions, conjunctions and clauses, and advanced review and practice of conditional mode, indirect discourse, and passive voice.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 280. Culture of the German-Speaking World - D2, AH** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** Introduction to the art, music, literature, film and philosophy of the German-speaking world from the Middle Ages to the present. Taught in English.  
**Note:** Cross-listed with ML 280.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 300. Study Abroad** **1-15 Units**  
**Description:** Participation in the University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 311. Independent Study** **3 Units**  
**Prerequisite(s):** Permission of instructor and department.  
**Description:** Independent study in German language, literature, and culture.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 313. Special Topics in German Literature, Language, and Culture** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** GERM 123 or GERM 142.  
**Description:** Special Topics in German Literature, Language, and Culture. Study of an aspect of German, Swiss and/or Austrian literature, culture and/or language. Taught in German.  
**Note:** May be repeated once for credit.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- GER 321. German Conversation and Composition I** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** GERM 123 or GERM 142.  
**Description:** Intensive practice in conversation and composition. Not open to native speakers of German. Focus on conversation.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GER 322. German Conversation and Composition II** 3 Units**Term Typically Offered:** Occasionally Offered**Description:** Intensive practice in conversation and composition. Not open to native speakers of German. Focus on composition. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GER 500. German Study Abroad** 1-15 Units**Prerequisite(s):** Membership in a University of Louisville Language Study Abroad Program or a program approved by the department.**Description:** Credit awarded upon demonstration of successful completion of program undertaken with prior approval of the department, including a paper or project and an oral or written examination in the language and culture, administered under the supervision of a faculty member.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GER 599. Special Topics** 3 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Permission of instructor.**Description:** Topics of a unique or specialized nature in German language, literature or culture.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Global Public Health (GLPH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**GLPH 401. Cooperative Internship in Global Public Health (Humanities)** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Description:** A field placement or internship with a Humanities focus in an international health or national health-related setting. Requires field placement, internship, or service project of 80-120 hours.**Note:** Work may be completed in one term or spaced over the course of an academic year.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GLPH 402. Cooperative Internship in Global Public Health (Social Sciences)** 1-3 Units**Term Typically Offered:** Summer Only**Description:** A field placement or internship with a Social Science focus in an international health or national health-related setting. Requires field placement, internship, or Seville project of 80-120 hours.**Note:** Work may be completed in one term or spaced over the course of an academic year.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GLPH 403. Cooperative Internship in Global Public Health (Natural Sciences)** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Description:** A field placement or internship with a Natural Sciences focus in an international health or national health-related setting. Requires field placement, internship, or service project of 80-120 hours.**Note:** Work may be completed in one term or spaced over the course of an academic year.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GLPH 405. Independent Study in Global Public Health Studies (Humanities)** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Description:** Independent research project with a Humanities focus related to International Health completed under the mentorship of an affiliated faculty member. This research should result in a product such as a conference paper or public poster, publication, or thesis. A thesis for a major may be used to fulfill this requirement with permission of the International Health Studies advisor and the department of the major.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GLPH 406. Independent Study in Global Public Health Studies (Social Sciences)** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Description:** Independent research project with a Social Science focus related to International Health under the mentorship of an affiliated faculty member. This research should result in a product such as a conference paper or poster, publication, or thesis. A thesis for a major may be used to fulfill this requirement with the permission the International Health Studies advisor and the department of the major.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**GLPH 407. Independent Study in Global Public Health Studies (Natural Sciences)** 1-3 Units**Term Typically Offered:** Fall, Spring, Summer**Description:** Independent research project with a Natural Science focus related to International Health completed under the mentorship of an affiliated faculty member. This research should result in a product such as a conference paper or poster, publication or thesis. A thesis for a major may be used to fulfill this requirement with permission of the International Health Studies advisor and the department of the major.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Greek (GR)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

<p><b>GR 101. Elementary Greek (Classical) I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> The elements of Greek.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 102. Elementary Greek (Classical) II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> GR 101.  <b>Description:</b> The elements of Greek.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 201. Intermediate Greek I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> GR 102.  <b>Description:</b> First semester: readings in Greek prose; second semester: readings in Greek poetry.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 202. Intermediate Greek II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> GR 102.  <b>Description:</b> First semester: readings in Greek prose; second semester: readings in Greek poetry.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 301. Advanced Greek I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> GR 202, or consent of instructor.  <b>Description:</b> Survey of classical Greek prose.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

<p><b>GR 302. Advanced Greek II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> GR 202, or consent of instructor.  <b>Description:</b> Survey of classical Greek poetry.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 303. Greek Prose Composition</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> GR 202, or consent of instructor.  <b>Description:</b> Study of Greek idiom and style; practice in translation from English to Greek.  <b>Note:</b> May be repeated once for credit.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 401. Selected Readings I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> GR 302, or consent of instructor.  <b>Description:</b> Intensive study of a major classical or post-classical prose author such as Herodotus, Thucydides, Plato, Xenophon or Plutarch.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 402. Selected Readings II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> GR 302 or consent of instructor.  <b>Description:</b> Intensive study of a major classical poet or genre such as Homer, Sophocles, Euripides or Greek lyric poetry.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 501. Special Topics in Greek Prose</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> GR 402 or consent of instructor.  <b>Description:</b> In-depth translation and analysis of select ancient Greek prose authors and works with special attention given to current scholarship and research.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>GR 502. Special Topics in Greek Poetry</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> GR 402 or consent of instructor.  <b>Description:</b> In-depth translation and analysis of select ancient Greek poets and poetic works with special attention given to current scholarship and research.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

**GR 551. Readings in the Greek New Testament I: The Gospels and Acts** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** GR 202 or consent of instructor.

**Description:** An introduction into the unique language, literature and grammar of the Greek of the New Testament. Concentration on koine dialectical forms and usage via extra-biblical contemporary literature, the gospels, and the book of Acts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**GR 552. Readings in the Greek New Testament II: The Epistles and Revelation** 3 Units

**Prerequisite(s):** GR 202 or consent of instructor.

**Description:** In-depth analysis and exegesis of New Testament epistles, illuminated by contemporary literature, epigraphy and papyrology. Introduction to methods of textual criticism and application to the manuscript tradition of the New Testament.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Health and Sport Sciences (HSS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**HSS 101. Beginning Swimming** 1 Unit

**Term Typically Offered:** Fall, Spring

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Focuses on basic skills for swimming and water safety. Intended to encourage current and future physical activity and provide insight into the benefits of cardiovascular activity.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 102. Advanced Swimming** 1 Unit

**Term Typically Offered:** Fall, Spring, Summer

**Fee:** An additional \$50.00 is charged for this course.

**Description:** This course, fundamentals and skills will be reviewed. Advanced swimming concepts will be taught to further participation in swimming.

**Note:** Enrollment is contingent upon passing a swimming competency test.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 103. Life Saving** 1 Unit

**Prerequisite(s):** HSS 102 or equivalent or Red Cross Junior Life Saving Certificate.

**Fee:** An additional \$50.00 is charged for this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 104. Scuba** 1 Unit

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** HSS 101.

**Fee:** An additional \$50.00 is charged for this course.

**Description:** This course is designed for students who have basic swimming skills and desire to learn the basic principles of underwater scuba diving. Upon successful completion of the course, the student will be prepared to take the Open Water Diving Certification.

**Note:** The open water dives are not included in the scope of the course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 108. Water Fitness** 1 Unit

**Term Typically Offered:** Fall, Spring

**Fee:** An additional \$50.00 is charged for this course.

**Description:** An activity class designed to enhance aerobic fitness, performed in water without submersion of the head. Information relating to health and fitness will be distributed throughout the semester.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 109. Weight Training** 1 Unit

**Term Typically Offered:** Fall, Spring

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Introduces students to resistance training, with an emphasis on proper form and technique development. Individuals will learn to develop a safe and efficient weight training program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 110. Physical Fitness and Conditioning** 1 Unit

**Term Typically Offered:** Fall, Spring, Summer

**Fee:** An additional \$50.00 is charged for this course.

**Description:** Introduces students to the components of fitness: cardiovascular endurance, muscular strength and endurance, flexibility and body composition.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>HSS 111. Aerobic Fitness</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> An exercise/fitness program, done to music, based on weight training, aerobic activity and flexibility.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 119. Intermediate Martial Arts</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Intermediate judo, karate, tae-kwan-do, tai-chi, as indicated.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 112. Mini-Marathon Training</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed for students who are novice runners and desire to learn the basic training principles and the physiology of long distance running.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 120. Beginning Racquetball</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Provides students with the basic racquetball rules, strategies and basic racquetball skills and techniques to enjoy playing the game at an introductory level.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 114. Fitness Walking</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Promotion of cardiovascular fitness through a walking program. Students can begin as any level of fitness and progress on an individual basis toward improvement.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 121. Billiards and Table Games</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course covers fundamental strokes, techniques, strategies, and rules of billiards and table games.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 115. Step Aerobics</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Introduction to the step techniques used to develop cardiovascular fitness, muscular endurance, and flexibility.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 122. Badminton</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Designed to familiarize students with skills, practices, techniques, rules, and theory of badminton.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 116. Introduction to Yoga</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed to introduce the foundation poses of Yoga, the basics of healthy posture, simple breathing techniques, and progressive deep relaxation skills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 123. Tennis</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Designed to familiarize students with skills, practices, techniques, and theory of tennis.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 117. Intermediate Yoga</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Prerequisite(s):</b> HSS 116 or consent of instructor.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed to review foundation poses of Yoga and to introduce intermediate level poses.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 124. Advanced Tennis</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Prerequisite(s):</b> HSS 123 or equivalent.  <b>Fee:</b> An additional \$50.00 is charged for this course.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 118. Beginning Martial Arts</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Beginning judo, karate, tae-kwan-do, tai-chi, as indicated.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 125. Golf</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Instruction for acquiring the basic knowledge and skills for golf. The course will focus on grip, stance, swing, and other primary skill components of the game.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>HSS 126. Tumbling and Apparatus</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Teaches fundamental skills of tumbling and the use of apparatus.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 137. Volleyball</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Focuses on learning and developing basic volleyball skills such as passing, serving, attacking, and playing defense. Additionally, team concepts, strategies, sport history, rules and terminology, and sportsmanship are also covered.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 127. Beginning Fencing</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Teaches fundamental skills, techniques, tactics, and basic rules necessary to participate in fencing activities at the novice level.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 138. Basketball</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Focuses on learning and developing basic basketball skills such as dribbling, shooting, passing, and playing defense. Additionally, team concepts, strategies, sport history, rules, terminology, and sportsmanship will be covered.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 128. Pickleball</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> The purpose of this course is to learn the proper strokes and strategy of Pickleball. This game combines tennis and badminton skills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 140. Softball</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Focuses on learning and developing softball skills such as throwing, pitching, hitting, catching, and fielding. Additionally, team concepts, strategies, sport history, rules, and terminology, and sportsmanship are also covered.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 132. Canoeing</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Prerequisite(s):</b> HSS 102 or equivalent.  <b>Fee:</b> An additional \$50.00 is charged for this course.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 144. Physical Activity for the Older Adult</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Exercise program for the older adult.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 133. Backpacking and Hiking</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Provides the knowledge of the physical activity and recreational components involved in backpacking and hiking. Emphasis is placed on planning, equipment, clothing, environmental impact and safety.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 145. Activity for the Physically Challenged</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Prerequisite(s):</b> Permission of instructor.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed for the University disabled student. An individual program is established based on the needs of the student.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 134. Rappelling</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed to teach students the skills of rappelling. Emphasis will be placed on knots, seats, and safety. The majority of the class will be taught from a rappelling tower.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 150. Special Topics: Physical Education Activities</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Classes announced in Schedule of Courses.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 136. Soccer</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Development of fundamental skills necessary to skillfully play the team sport of soccer.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 160. Beginning Aerobic Dance</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Develops cardiovascular fitness through the medium of dance.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>HSS 161. Intermediate Aerobic Dance</b>  <b>Prerequisite(s):</b> HSS 160 or equivalent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Teaches techniques of intermediate aerobic dance. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>HSS 180. First Aid and Safety Education</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Safety procedures and first aid measures; lecture and demonstration with skill training in all procedures. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>HSS 162. Beginning Modern Dance</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Teaches techniques of creative dance to include movement sequences leading to individual and group dances for initial composition. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>HSS 181. First-Year Experience</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> An introduction to the University of Louisville and the College of Education and Human Development. The course focuses on individual student success, as well as students' personal and academic development as they navigate their first year of college. The course helps students clarify purpose and meaning through exploration of their individual skills, and interests; students are also introduced to potential career paths in their major of interest.  <b>Note:</b> Cross-listed with EDTP 101.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>HSS 163. Intermediate Modern Dance</b>  <b>Prerequisite(s):</b> HSS 162 or faculty consent.  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Teaches techniques of intermediate modern dance. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>HSS 184. Healthy Lifestyles I</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This class is an exploration of the relationship of human characteristics and behaviors to wellness; specifically, the biological, psychological, and sociological factors that influence and promote healthy lifestyles and wellness. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>HSS 164. Beginning Country Western Dance</b>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> Course is designed to teach the basic steps of two-steps, waltz, East-Coast swing, and a variety of line dances. Additional emphasis is on terminology and history. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>HSS 190. Exploration of Working with Collegiate Student-Athletes</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> This course will explore the various career options that work directly with collegiate student-athletes, specifically at a Division I institution, and will provide tools and strategies for working with this population. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>HSS 165. Ballroom Dance</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed to teach students the basic ballroom dance steps including the foxtrot, waltz, cha-cha, East-West swing and others. Dance terminology and history of ballroom dance will be covered. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>HSS 200. Introduction to Health Education</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> An introduction to the historical, philosophical, and biopsychosocial foundations of health education and prevention science. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>HSS 166. African Dance</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed to teach students various West African dances, emphasizing movement, improvisation and individual expression. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>HSS 201. Introduction to Prevention Science</b>  <b>Description:</b> The foundations of school health and public health education as a profession, a discipline, and an occupation. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>HSS 167. Country Line Dance</b>  <b>Fee:</b> An additional \$50.00 is charged for this course.  <b>Description:</b> This course is designed to teach students the basic steps to Country Western line dances and become familiar with the basic terminology and appropriate music selections for each dance. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>		

<p><b>HSS 202. Human Anatomy &amp; Physiology</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Introduction to structure and function of human body. Covers basic concepts related to anatomical terminology, cells, tissues, integument, skeletal, muscular, nervous, and endocrine systems. Interrelationships of organ systems are emphasized. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 256. Fundamentals of Coaching</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Fundamentals of individual play. Offensive and defensive team play, organization, training methods. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 225. Skill Acquisition &amp; Analysis</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> The purpose of this course is to provide learning experiences that will lead to the development of teaching skills in both the individual and team sports. In addition to skill acquisition, the course will focus on how to plan and implement skill development in individual and team sports for students in grades 5-12. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 257. Fundamentals of Coaching</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Theoretical study of Soccer from a coaching standpoint; fundamental individual and team play; methods of teaching fundamental skills associated with the sport and team organization. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 251. Officiating</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Classroom and laboratory experiences in the ethics of sports officiating; the mastery, interpretation, and application of sports rules. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 258. Fundamentals of Coaching</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Theoretical study of Softball from a coaching standpoint; fundamental individual and team play; methods of teaching fundamental skills associated with the sport and team organization. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 252. Coaching of Aquatics</b> <b>2 Units</b>  <b>Prerequisite(s):</b> Senior life saving.  <b>Description:</b> Basic techniques in various events. Knowledge of personnel, training procedures, facilities, equipment, and management. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 261. Fundamentals of Coaching Volleyball</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Theoretical study of Volleyball from a coaching standpoint; fundamental individual and team play; methods of teaching fundamental skills associated with the sport and team organization. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 253. Fundamentals of Baseball Coaching</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> The techniques of position play, offensive and defensive team play, strategy, rules, scoring, facilities, equipment, and management. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 263. Environmental Biology</b> <b>3 Units</b>  <b>Description:</b> A study of the biological principles of environmental effects on living organisms; emphasis on ecological relationships of man, including resource exploitation, pollution, environmental degradation, and human behavior. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 254. Track and Field Coaching</b> <b>2 Units</b>  <b>Description:</b> Basic techniques in various events; knowledge of personnel, training procedures, facilities, equipment, and management. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 270. Introduction to Physical Education</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> This class focuses on the history, aims, objectives, and principles of physical education to their application to present-day educational programs. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 255. Fundamentals of Coaching</b> <b>2 Units</b>  <b>Description:</b> Fundamentals of individual play, offensive and defensive team play, rules, program organization, training methods, and management. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 271. Teaching Physical Education</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> This course focuses on foundations of teaching and classroom management strategies, observational techniques and tools, instructional design, and teacher reflection for working with diverse learners. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**HSS 274. Physical Education and Health for Elementary Teachers 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Physical education and health practices, activities, and basic approaches for the elementary classroom teacher.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 275. Elementary School Physical Education Laboratory 1 Unit**

**Prerequisite(s):** HSS 274 (or concurrent).

**Description:** Experiences in an elementary school situation related to HSS 274.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 293. Social and Psychological Dimensions of Physical Activity - SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Emphasis on socialization and cultural diversity as these affect physical education. Examination of psychological factors that influence learning and enhance the effects of participation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 300. The Theory and Art of Movement 2 Units**

**Description:** Basic movements and the elements in them, observation of, and appreciation for, skilled movement; application of principles of movement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 302. Nutrition in Healthy Living 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Restricted to HSS students only.

**Description:** Introduction to nutritional needs from prenatal to elderly. Issues relevant to diet and popular topics in nutrition.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 303. Human Nutrition 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** CHEM 101, CHEM 201, or CHEM 105.

**Description:** Principles of nutrition and the importance of food for physical and social needs.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 310. Healthy Lifestyles II 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A community based approach to addressing health issues facing Americans in the 21st century.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 318. Diverse Populations in Physical Activity and Health 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** The study of social and cultural systems of diverse groups, related to physical activity and health.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 319. Adapted Physical Education 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Adapted physical education in an academic and practical approach to teach P-12 physical education students with disabilities in school settings during physical education classes and after school programs.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 320. Growth and Motor Development Across the Lifespan 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Provides the student with a knowledge base in the study of growth and motor behavior across the life-span for individuals with and without disabilities.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 326. Movement Skills and Concepts in Physical Education 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** HSS 320 The course develops content knowledge in foundational skills fundamental movement skills and concepts, rhythmic activities, gymnastics, lead-up/modified games, and fitness.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 327. Invasion and Net Games 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Development and analysis of invasion and net game skills used to the respective sports.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 328. Target and Fielding Games 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Development and analysis of target game and fielding game skills used in the respective sports.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>HSS 350. Culinary Nutrition</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Principles of healthy cooking techniques and hands-on experience to create flavorful and appealing nutrient dense foods. The focus is on using herbs and spices to enhance the taste and nutritional value of food.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 380. Medicinals: Their Use and Misuses</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Junior standing.  <b>Description:</b> A study of the mechanisms by which drugs influence living systems, with emphasis on heavy metals, birth control drugs, pesticides, noxious gases, natural poisons, various nonprescription drugs, and the use and abuse of drugs affecting the central nervous system.  <b>Note:</b> Nursing students may not register for credit without consent of the instructor.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 359. Fundamentals of Camping and Outdoor Recreation</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> HSS 201 or consent of instructor.  <b>Description:</b> Development of camping and outdoor recreation skills and knowledge including backpacking, canoeing, car camping, etc. Certification through American Camping Association.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 381. Anatomy and Physiology Lab I</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> HSS 202 or BIOL 260; HSS 386 or BIOL 261 (or concurrent).  <b>Fee:</b> An additional \$95.00 is charged for this course.  <b>Description:</b> This course will introduce the fundamental structures of the human body and physiological mechanisms involved in normal functioning, disease, and exercise through lectures and student participation activities. There will be a strong emphasis on the connection between structures and function, usually in the healthy individual but with some exploration of abnormalities found in disease states. This course specifically focuses on the histology, physiology, and anatomical characteristics of the muscular, skeletal, cardiovascular, and respiratory systems.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 364. Women's Health Issues - D1, SB</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> This course will identify a broad range of health issues that can be unique to women or of special importance to women throughout the world. The course will examine the roles women play as both providers and consumers of health care nationally and internationally.  <b>Note:</b> Cross-listed with WGST 364.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 382. Wellness Coaching</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> HSS 184 or instructor consent.  <b>Description:</b> This course is designed to provide a hands-on wellness coaching opportunity for university students. Students will practice wellness coaching techniques with their peers in class, under direct supervision of their instructor.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 374. Elementary Physical Education Methods</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> HSS 326.  <b>Corequisite(s):</b> HSS 493.  <b>Description:</b> An elementary physical education methods course that provides in-depth analysis of basic, rhythmic movements, fundamental motor and manipulative skills, and physical fitness activities at the elementary grade level. Students will learn age appropriate strategies for instruction in elementary physical education.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 383. Public Health Principles and Practices</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Philosophy of public health; the structure, personnel, and programs of public health agencies.  <b>Note:</b> Offered as needed.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 377. Introduction to Statistics in Health and Human Performance</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> 60+ hours.  <b>Description:</b> Theory and practice of measurement; administration of tests and interpretation of their results by fundamental statistical procedures.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 384. Teaching Health Education</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> The effective design, implementation and evaluation of health instruction within the school and community setting; emphasis on the development of sequential learning opportunities.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

- HSS 385. Teaching Health Education** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 384 or permission of instructor.  
**Description:** Selecting methods, resources and media for implementing health program plans for diverse learners. Focus on strategies for Coordinated School Health and community based programs. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 386. Advanced Anatomy and Physiology I** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 202 or BIOL 260.  
**Description:** The course will introduce the fundamental structure of the human body and the physiological mechanisms involved in normal functioning and during exercise through lecture and student participation activities. This course specifically focuses on the histology, skeletal, muscular, cardiovascular, lymphatic, and respiratory systems. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 387. Biomechanics** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 202 or BIOL 260.  
**Fee:** An additional \$40.00 is charged for this course.  
**Description:** The anatomical and physiological analysis of human motion emphasized for the purpose of promoting normal development and improvement of performance. Mechanical physics principles will be discussed as they are related to the structure and function of the human body as it moves. Students will learn anatomy and structure of the neuromuscular system and be able to observe and describe human movement. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 388. Principles of Athletic Conditioning** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 387.  
**Fee:** An additional \$40.00 is charged for this course.  
**Description:** Restricted to students admitted to the School of Education. Practical application of physiological theory in order to write activity prescription for athletic conditioning. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 389. Prevention and Care of Athletic Injuries I** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 387.  
**Description:** Restricted to students admitted to the College of Education and Human Development. Course stresses importance of prevention of injuries by conditioning and material aids and offers supervised training in caring of injuries. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 390. Advanced Anatomy and Physiology II** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 202 or BIOL 260; HSS 386 or BIOL 261.  
**Description:** The course will introduce the fundamental structure of the human body and the physiological mechanisms involved in normal functioning through lecture and student participation activities. This course specifically focuses on the nervous, endocrine, digestive, urinary, and reproductive systems. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 391. Anatomy and Physiology Lab II** 1 Unit  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 202 or BIOL 260; HSS 386 or BIOL 261; HSS 381 or BIOL 262; HSS 390 (or concurrent).  
**Fee:** An additional \$95.00 is charged for this course.  
**Description:** This course will introduce the fundamental structures of the human body and physiological mechanisms involved in normal functioning, disease, and exercise through lectures and student participation activities. There will be a strong emphasis on the connection between structures and function, usually in the healthy individual but with some exploration of abnormalities found in disease states. This course specifically focuses on the histology, physiology, and anatomical characteristics of the muscular, skeletal, cardiovascular, and respiratory systems. Students will also be introduced to the embryological origin and development of key structures and body systems. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 392. Principles of Sport and Exercise Psychology** 3 Units  
**Description:** Examination of psychological factors influencing participation in physical activity and performance of motor skills. Consideration of practices to enhance the psychological effects of participation. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 393. Medical Terminology** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** This course will familiarize students with the basics of vocabulary used in the medical and health professions. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 394. Foundations of Exercise Physiology** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 202 or BIOL 260.  
**Description:** This course provides an overview of selected topics in exercise physiology and sports medicine with emphasis on practical applications. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HSS 395. Fitness Assessment and Prescription** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 394.  
**Fee:** An additional \$40.00 is charged for this course.  
**Description:** Restricted to students admitted to the College of Education and Human Development. Theoretical overview of competencies necessary for Health Fitness Certification through the American College of Sports Medicine and Certified Personal Trainer credential through the National Strength and Conditioning Association including functional anatomy and biomechanics, exercise leadership, exercise programming, health appraisal and program administration.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 396. Lab Methods in Fitness Evaluation** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** HSS 394.  
**Fee:** An additional \$95.00 is charged for this course.  
**Description:** Restricted to students admitted to the College of Education and Human Development. This course will provide hands-on experience with fitness and performance testing. It will cover health risk assessment, anthropometric measurements, and measurements of strength, flexibility, aerobic fitness, anaerobic capacity, and body composition. The course will also discuss how to create an appropriate testing battery and fitness testing for special populations. Students will learn to collect appropriate physiological data and be able to interpret it.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 397. Special Topics in Health and Sport Science** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Sophomore standing.  
**Description:** Examination of well-defined topics not studied in regular undergraduate courses. Topics will be announced in Schedule of Courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 402. Practicum in Health and Human Performance** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission to HHP major.  
**Description:** The purpose of HSS 402 is to provide HHP majors with opportunities to understand their intended discipline and have a chance to participate in practical applications.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 404. Methods in Elementary Physical Education** **4 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Admission to the Initial Teacher Certification Program.  
**Description:** This course includes the philosophy, objectives, curriculum and methods of teaching physical education to elementary children. This course includes 70+ hours of field experience in elementary physical education in public schools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 405. Methods in Secondary Physical Education** **4 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Admission to the Initial Teacher Certification Program.  
**Description:** This course includes the philosophy, objectives, curriculum and methods of teaching physical education to secondary students. Must be taken prior to student teaching. This course includes 70+ hours of field experience in secondary (middle or high) physical education in public schools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 409. Experiential Outdoor Education Leadership** **3 Units**  
**Prerequisite(s):** Major in HSS or consent of instructor.  
**Description:** This course will develop the necessary skills to lead outdoor-experiential education programs.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HSS 410. Theories of Sport Pedagogy - CUE** **3 Units**  
**Term Typically Offered:** Fall Only  
**Corequisite(s):** HSS 493.  
**Description:** Provides students with the basic effective teaching strategies along with research from which they are based.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 411. Theory and Analysis of Team Sport Skills 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** HSS 320.

**Description:** Instruction, analysis, and evaluation of team sport skills.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 412. Theory and Analysis of Individual Sport Skills 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Instruction, analysis, and evaluation of individual sport skills.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 414. Student Teaching in Elementary Physical Education 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** HSS 404, HSS 405, and HSS 485.

**Description:** This course provides supervised observation, participation and teaching in physical education at the elementary school level (K-5).

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 415. Student Teaching in Health Education 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** HSS 404, HSS 405, and HSS 485.

**Description:** Five weeks of supervised observation, participation, and teaching health education in middle and high schools.

**Note:** Must be taken concurrently with HSS 414 and HSS 416.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 416. Student Teaching in Secondary Physical Education 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** HSS 404, HSS 405, and HSS 485.

**Description:** This course provides supervised observation, participation and teaching in physical education at the secondary school level (middle or high school).

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 430. Epidemiology of Health, Physical Activity and Nutrition 3 Units**

**Term Typically Offered:** Spring Only

**Description:** The course provides an overview of the epidemiology of physical activity and nutrition in relationship to coronary heart disease, stroke, cancer and type II diabetes.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 431. Leadership in Health Promotion - CUE 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Analysis of administrative and organizational factors of health education and promotion from within the program, within the organization, and between organizations. Emphasis will be placed on policy making, administration, and functional issues such as collaboration and consultation at the organizational level.

**Note:** Cross-listed with HSS 631.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 432. Biostatistics in Health and Exercise Science 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** HSS 377 or permission of instructor.

**Description:** An introduction to biostatistical methods in health and exercise science.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 434. Public Health Education Methods 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course is designed to cover strategies and methods for delivering public health education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 455. Current Trends and Issues in Health Education - CUE 3 Units**  
**Term Typically Offered:** Spring Only

**Description:** Examination of current literature, research, and trends in the health education field.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 460. Human Body in Health and Disease 3 Units**

**Description:** Basic structure and function of body cells, tissues, organs, and organ systems; their interrelationship in health and disease. Infectious and degenerative diseases, mental and emotional problems, nutrition, environmental health, health care delivery.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 462. Alcohol and Drug Education 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Study of key components of alcohol and drug education, i.e., self-concept information, coping skills, refusal skills, and decision-making. Alcohol and drug education programs at the national, state, and local level will be reviewed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 463. Sexuality Education 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Survey of the dynamics of family life and parenting skills. Scope of family life education, methods, source materials and current issues.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 469. Administering Health Promotion and Disease Prevention Programs 3 Units**

**Prerequisite(s):** Senior standing.

**Description:** Special problems in administering health promotion and disease prevention programs in a variety of community organizations. Program planning and organization; financing and budgeting; measuring program effectiveness; integration of programs and strategies with existing healthcare delivery systems.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 477. Capstone Seminar: Initial Teacher Certification - CUE 3 Units**  
**Term Typically Offered:** Spring Only

**Prerequisite(s):** Admission to Initial Teacher Certification Program.

**Corequisite(s):** HSS 414, HSS 415 and HSS 416.

**Description:** Designed as an analysis of student professionalism and reflective teaching skills, and understanding the learner with the instructional context.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 485. Methods in Health Education 4 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to the Initial Teacher Certification Program.

**Description:** This course covers planning, instructional strategies, implementation and assessment of health education related to practical living at the middle and high school levels. This course includes 70+ hours of field experience in secondary (middle or high) physical education in public schools.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 486. Advanced Exercise Physiology - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** HSS 394, HSS 387.

**Description:** Restricted to students admitted to the College of Education and Human Development. This course provides knowledge about exercise physiology through a uniform and physiology-based curriculum.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>HSS 492. Exercise Science Internship</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> HSS 402; HHP - Exercise Science Major; 90+ hours.  <b>Description:</b> This course involves practical application of the exercise science knowledge and skills through community engagement. The internship is an individually arranged course combining work experience with critical thinking skills project.  <b>Note:</b> Course may be repeated to a maximum of 9 hours with a maximum of 6 credits (2 sections per term).  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 500. Neuromechanics of Human Performance</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> HSS 387; HSS 394, and Consent of Instructor.  <b>Description:</b> This course provides a foundation for the interaction of the nervous system, musculoskeletal system, and the control of human performance.  <b>Note:</b> Cross-listed with EXP 607.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 493. Internship in Physical Education</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> HSS 410 (or concurrently) An individually arranged course combining a work experience with a related academic or creative project.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 501. Stress and Tension Control</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> HSS 202 or equivalent.  <b>Description:</b> A study of physiological, sociological, and psychological stresses and their underlying mechanisms of action. Emphasis on modification of stress via developed proficiency in relaxation techniques.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 494. Internship in Public Health Education</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> HSS 402.  <b>Description:</b> This course involves practical application of public health knowledge and skills in a community setting.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 503. Obesity: Causes, Control</b> <b>3 Units</b>  <b>Prerequisite(s):</b> HSS 202 or equivalent.  <b>Description:</b> A study of the physiological, psychological, and sociological factors in the development and modification of obesity. Laboratory experiences in the assessment of obesity will be provided.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 495. Internship in School Health Education</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> HSS 402.  <b>Description:</b> This course involves practical application of school health knowledge and skills in a community setting.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 504. Physical Activity and Public Health</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Students will examine individual, social, organizational, community, environmental, and policy factors that serve as facilitators and barriers to the promotion of physical activity and public health. This course is designed to provide students with the knowledge, skills, and abilities to conduct physical activity and public health needs assessments; to plan, implement, evaluate, lead, and manage physical activity and public health interventions, initiatives, and programs; to conduct physical activity and public health research; and to communicate and advocate for physical activity and public health promotion.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 496. Internship in Wellness Coaching</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> HSS 382.  <b>Description:</b> Provides a hands-on wellness opportunity for university students to coach participants toward a positive health behavior change.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HSS 505. Stress and Disease</b> <b>3 Units</b>  <b>Prerequisite(s):</b> HSS 202 or equivalent.  <b>Description:</b> Relationship of stress to acute and chronic disease and the effects of contemporary stressors on psychophysiological responses. Examination of mechanisms of adaptation, treatment, and prevention.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HSS 499. Directed Readings in Health and Sport Science</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> Supervised readings pertaining to a research topic in Health Education.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**HSS 506. Athlete Monitoring and Data Management 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Graduate Standing or Consent of Instructor.

**Description:** Basic Data Management will be taught including data collection, entry, and management in both XCEL and R Programs. Students will learn data collection techniques for Global Positioning Systems (GPS), Force Plate, and Velocity-Based Training forms of athlete monitoring. By the end of the course, students will have strong skills in analyzing monitoring data, visualization of data into meaningful charts, and be proficient in the ability to interpret results into comprehensive reports for coaches and the sports performance team.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 507. Senior Seminar in Exercise Physiology 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** HSS 387 and HSS 394; 90+ hours; and permission of instructor.

**Description:** Critical and comprehensive examination of well-defined topics related to exercise physiology that are not studied in regular courses. Topics will be announced in schedule of courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 530. Nutrition and Athletic Performance 3 Units**

**Prerequisite(s):** HSS 302 and HSS 303; or consent of instructor.

**Description:** Principles of nutrition with special emphasis on nutrient and energy needs of athletes of optimal performance.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 564. Women's Health Issues 3 Units**

**Description:** This course will identify a broad range of health issues that can be unique to women or of special importance to women throughout the world. The course will examine the roles women play as both providers and consumers of health care nationally and internationally.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 565. Nutrition for Children and Adolescents 3 Units**

**Description:** Nutritional needs during childhood are covered with emphasis on diet evaluation, menu planning and disease prevention. Nutrition units will be developed using the curriculum planning map.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 567. Healthy Sexuality and AIDS Education 3 Units**

**Description:** A study of the basic competencies required for AIDS/STD education and prevention within the framework of healthy sexual functioning.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 575. Administration of Physical Education Program and Athletics 3 Units**

**Description:** Administration of the total physical education program on the secondary school level, including units on budget, staff, facilities, programs, equipment, public relations, and evaluation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 589. Prevention and Care of Athletic Injuries II 3 Units**

**Prerequisite(s):** HSS 389 or equivalent or consent of instructor.

**Description:** Focuses on basic anatomy and its relationship in sports-induced injuries. Provides framework for adapting prevention, evaluation, management and rehabilitation techniques to aid in the treatment of athletic injuries.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 597. Special Topics in Health and Sport Science 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Consent of instructor.

**Description:** Examination of well-defined topics not studied in regular courses. Topics will be announced in Schedule of Courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HSS 598. Independent Study in Health and Sport Science 1-3 Units**

**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Hebrew (HEBR)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**HEBR 101. Elementary Hebrew I** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** For beginners. The elements of Hebrew, working on four skills: speaking, understanding, writing and reading.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HEBR 102. Elementary Hebrew II** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Continued work on the elements of Hebrew, working on four skills: speaking, understanding, writing and reading.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HEBR 175. Traveling in Hebrew** **3 Units**

**Description:** Emphasis on spoken and written language needed to travel in Hebrew-speaking countries; elementary phrases, elementary reading ability. No writing is included.

**Note:** Does not apply toward A&S language requirement.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HEBR 201. Intermediate Hebrew I** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** HEBR 102 or permission of instructor.

**Description:** More advanced work in Hebrew, building reading and writing skills in particular, while continuing to build ability to speak and to understand the spoken language.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HEBR 202. Intermediate Hebrew II** **3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** HEBR 201 or permission of instructor.

**Description:** Continued work on communicative skills of understanding spoken language, speaking, reading and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HEBR 301. Biblical Hebrew I** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Completion of HEBR 202 or consent of instructor.

**Description:** Study of grammar, morphology, syntax and vocabulary in order to read, translate and interpret texts from the Hebrew Bible.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HEBR 302. Biblical Hebrew II** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** HEBR 301 or permission of instructor.

**Description:** Continued study of grammar, morphology, syntax and vocabulary in order to read, translate and interpret texts from the Hebrew Bible.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## History (HIST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**HIST 101. History of Civilizations I - D2, SBH** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** General introductory history survey, with global component. Must cover 1,000 years of history prior to about 1400 or 1500 A.D., with at least 1/3 of coverage devoted to a non-western society (or societies).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 102. History of Civilizations II - D2, SBH** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** General introductory history survey, with global component. Must cover 300 years of history since about 1400 or 1500 A.D., with at least 1/3 of coverage dedicated to a non-western society (or societies).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 103. The World Since 1900 - D2, SBH** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introductory survey of world history from 1900 to the present, featuring a comparative approach. The course offers a broad overview of the major themes and events in the world since 1900 while enabling students to acquire a basic knowledge of the historical narrative of the recent past.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 104. American History I - SBH, D1** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A survey of United States history up to the end of the Civil War, emphasizing social, economic, and cultural factors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HIST 105. American History II - SBH, D1** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** A survey of United States history since the end of the Civil War, emphasizing social, economic, and cultural factors.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 301. Early Political Thought** **3 Units**  
**Description:** A general survey of political thought, typology, and systems from classical antiquity through the Middle Ages to the beginning of modern times.  
**Note:** Cross-listed with POLS 381.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 302. Modern Political Thought** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** Main currents in modern political thought, including liberal, Marxist-Leninist, socialist, anarchist, and conservative thought. Topics such as equality, alienation, participation, political obligation, political order, and change.  
**Note:** Cross-listed with POLS 382.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 304. Historical Methods - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** HIST 101 and HIST 102 (or HIST 105 and HIST 106) and approved major in History.  
**Description:** Introduction to the basic techniques of historical scholarship, including brief studies of historiography, research skills, use of primary and secondary sources, historical specializations, and the writing of history.  
**Note:** Required of history majors.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 305. Historical Geography of the United States** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** Analysis of the changing cultural landscape and settlement patterns of the United States. Emphasis on the changing spatial relationships of ethnic minorities to the majority group.  
**Note:** Cross-listed with GEOG 305.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 308. Europe from 1500 to the French Revolution** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** A survey of early modern European political, social, economic, and cultural developments. Topics to include the Reformation, Absolutism, the Enlightenment.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 309. Europe from 1800 to the Present** **3 Units**  
**Term Typically Offered:** Summer Only  
**Description:** A survey of modern European political, social, economic, and cultural developments. Topics to include Industrialization, Nationalism, World War.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 310. Studies in History** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** Topic to be chosen by instructor and announced in the online schedule of courses.  
**Note:** Junior standing is recommended.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 311. United States Economic History** **3 Units**  
**Description:** Economics of colonial America and the United States. Analysis of financial institutions, public and private, associated with development.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 312. History of US Foreign Relations I** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Analysis of the United States relations with other nations and peoples, emphasizing influences of political, economic, and ideological forces upon foreign relations from 1776-1920.  
**Note:** HIST 211 is recommended.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 313. Comparative Environmental History** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** A comparative study of the historical roots of environmental issues in the U.S. and other regions of the world.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 314. History of US Foreign Relations II** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** Analysis of the United States relations with other nations and peoples, emphasizing influences of political, economic and ideological forces upon foreign relations since 1920.  
**Note:** HIST 212 is recommended.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 315. United States Constitutional History I - WR 3 Units**

**Term Typically Offered:** Fall Odd Years

**Description:** Examines United States constitutional development from the Colonial Era to 1860.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 316. United States Constitutional History II - WR 3 Units**

**Term Typically Offered:** Spring Even Years

**Description:** Examines United States constitutional development from 1860 to present.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication - WR.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 317. African American Experience in Wartime 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** History of African Americans and the U.S. Military from the Revolution to the Gulf Wars.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 318. U.S. in the Sixties 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Major social, political, cultural and economic developments of the decade, with emphasis on the forces critical of mainstream America.

**Note:** HIST 212 is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 319. African-American History I - D1, SBH 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** A united study of the economic, social, cultural, political, and educational development of African-Americans in the United States. Division date: 1865. (Social Sciences)

**Note:** Cross-listed with PAS 319.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 320. African-American History II - D1, SBH 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** A unified study of the economic, social, cultural, political, and educational development of African Americans in the United States. 1865 to present.

**Note:** Cross-listed with PAS 320.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 321. Black Culture and U.S. Democracy 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Evaluation of the Black civil rights struggle to achieve cultural democracy and inclusion in mainstream cultural life and institutions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 322. The History of the Civil Rights Movement, 1900 to Present 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Study of the modern civil rights movement, its leaders, programs and strategies, from 1900 to present.

**Note:** Cross-listed with PAS 322.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 323. Modern American Social Movements 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Introduces students to the history of modern American social movements. Topics will include organizing strategies, motivations, tactics, and results.

**Note:** Cross-listed with SCHG 323.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 324. The History of Women, 1700 to the Present 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** A comparative treatment of women's changing status, including material from European and American history.

**Note:** Junior standing is recommended.

**Note:** Credit may not be received for this course and WGST 331.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 326. History of Childhood in America - D1, SBH, WR 3 Units**

**Term Typically Offered:** Fall, Summer

**Description:** An analysis of the impact of socioeconomic and ideological change on the experience of children and youth from the colonial period to the present, with attention to the effects of race, class, and gender on childhood experience. (Social Sciences)

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for this course and WGST 332.

**Note:** Cross-listed with WGST 332.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 327. American and U.S. Military History to 1877** 3 Units

**Term Typically Offered:** Fall Only

**Description:** American and U.S. history is also the history of warfare and conflict. In fact, warfare and conflict might have been the most significant factors of change in American society. This course studies American and U.S. military history from the pre-colonial world in North America to the end of the U.S. Civil War and Reconstruction era in 1877. A second course (HIST 328), offered typically in the following semester, studies U.S. military history from 1877 to the current conflicts of the twenty-first century.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 328. American and U.S. Military History Since 1877** 3 Units

**Term Typically Offered:** Spring Only

**Description:** American and U.S. history is also the history of warfare and conflict. In fact, warfare and conflict might have been the most significant factors of change in American society. This course studies U.S. military history since the end of the U.S. Civil War and the Reconstruction era in 1877. A second course (HIST 327), offered typically in the previous semester, studies America and U.S. military history from the pre-colonial world in North America to 1877.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 329. History of the New South** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** Survey of the history of the American South from 1865 to present, covering major social, economic, political and cultural trends and events.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 331. Colonial Latin America** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** Origins of the colonial empires of Spain and Portugal in the Americas, development of colonial cultures, and the independence of Latin America.

**Note:** Junior standing is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 332. Latin America, 1820 to Present** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Latin America since independence with emphasis upon social, economic, and political development.

**Note:** Junior standing is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 333. Women in Latin American History** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** Examines the history of women and gender in Latin America, with an emphasis on women's political participation.

**Note:** Credit may not be earned for this course and WGST 333.

**Note:** HIST 331 or HIST 332 recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 339. Women in the Ancient World** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** HIST 344, or HIST 341, or HIST 342, or HIST 343.

**Description:** A survey of the roles and status of women in the civilizations of the Ancient Mediterranean.

**Note:** Junior standing and prior coursework in ancient history is strongly recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 340. Ancient Mediterranean World** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** A survey of the history and cultures of the ancient Near East, Greece, and Rome from earliest times to 500 CE.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 341. The Ancient Near East** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** A chronological survey of the political, economic, and technological developments in Egypt, Mesopotamia, Syria-Palestine, and adjacent cultures from earliest times to 323 BCE.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 342. Ancient Greece** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** History of Greece from 1500 BCE to 146 BCE.

**Note:** Junior standing is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 343. The Roman World** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** History of Rome from the beginning to 476 CE.

**Note:** Junior standing is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 344. Introduction to Ancient Egypt.** 3 Units

**Term Typically Offered:** Fall, Summer

**Description:** This course surveys the social, political, and cultural history of Pharaonic Egypt from ca. 3000 BCE to 30 CE.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 345. Culture of the Ancient Near East 3 Units**

**Description:** A survey of the social, legal, and religious institutions and literary achievements of Egypt, Mesopotamia, and Syria-Palestine from earliest times to 323 B.C.E.

**Note:** Credit may not be received for this course and HUM 300.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 346. Greek and Roman Culture 3 Units**

**Term Typically Offered:** Fall Only

**Description:** A survey of ancient culture to the end of the Roman Empire; examples of ancient literature, art, and thought.

**Note:** Junior standing recommended.

**Note:** Credit may not be received for this course and HUM 301.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 350. Origins of Christianity 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Early Christianity from its Judaic and Hellenistic background up to the period of Gregory the Great.

**Note:** HIST 340, HIST 343 or HIST 351 is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 351. Medieval Europe I 3 Units**

**Term Typically Offered:** Fall Even Years

**Description:** First semester: Christian and Islamic civilization from the late Roman Empire through the Investiture contest. Second semester: High Middle Ages and the Renaissance.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 352. Medieval Europe II 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** First semester: Christian and Islamic civilization from the late Roman Empire through the Investiture contest. Second semester: High Middle Ages and the Renaissance.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 353. Europe in the Sixteenth Century 3 Units**

**Description:** Europe's transition from the medieval to the early modern period; emphasis on the crisis of Christian culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 354. Renaissance Culture 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Civilization of the Renaissance in Italy; the Northern Renaissance; analysis of changing styles of thought and artistic expression.

**Note:** Credit may not be received for this course and HUM 303.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 355. European Ideas and Ideologies: Selected Topics - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Topics focus upon the thought of one or more generations of European thinkers between the age of Charlemagne and the present in the arts and sciences, and the effects of the ideas upon European culture and history.

**Note:** Topics will be announced in schedule of courses.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 356. Islamic Middle East 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Muhammad and origins of Islam in seventh century; creation of Caliphate and Islamic Empire until thirteenth century; status of Christians and Jews; religious sectarianism; women; economics; relations with Europe.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 357. Middle Eastern History, 1453 to the Present - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Emphasis on Iran and the Arab world. The Ottoman Empire, European incursion. Mandate states, and independence. The contemporary Middle East.

**Note:** Approved for Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 358. The Scientific Revolution 3 Units**

**Description:** The history of science and medicine in sixteenth- and seventeenth-century Europe.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 359. History of Modern Science 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** The history of science and medicine from 1800 to the present in Europe and the United States.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 360. The Origins of Islam 3 Units**

**Description:** This course will concentrate on the history of the early period of Islam, including the life of the Prophet Muhammad and the early Caliphates.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HIST 361. Modern Jewish History: The 20th Century** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** The Jewish experience in the twentieth century. Topics include development of the American Jewish community, the Holocaust, Zionism and Israel.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 362. The United States and the Middle East** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Relations between America and the Middle East from 1800 to the present. Special emphasis on religion, business, politics, and the military.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 363. Russian History I** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Russian history from the earliest times to present. Nature of political system before and after 1917; Russia and the West; modernization of Russian society. Division date is 1860.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 364. Russian History II** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Russian history from the earliest times to present. Nature of political system before and after 1917; Russia and the West; modernization of Russian society. Division date is 1860.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 366. English History: Tudor Age to Welfare State** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Description:** Emphasis on Reformation; era of civil wars, aristocratic domination of politics, industrialization, democracy, modern welfare state, thought, artistic expression.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 367. British Imperialism** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** The history of British imperialism from the end of the American Revolution in 1783 to the present, including such issues as the abolition of slavery, the birth of responsible government, British rule in India, the "Scramble for Africa," the development of the Commonwealth of Nations, colonial nationalism, and decolonization.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 368. History of France, 1598-1799** 3 Units  
**Description:** French society, government, and culture from the time of Henry IV to the Revolution. The Age of Absolutism and the Enlightenment.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 369. History of France, 1799 to the Present** 3 Units  
**Term Typically Offered:** Summer Only  
**Description:** French society, government, and culture from Napoleon to the Fifth Republic. July Monarchy, Second Empire, and Republics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 375. Golden Age of Spain** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Survey of Spanish government, society, culture, and economic development, fifteenth through eighteenth centuries.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 376. War in the Modern Middle East - WR** 3 Units  
**Description:** History of twentieth-century wars in the Middle East, from World War I to the Gulf War.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 377. The Ottoman Empire to 1800** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Class examines the formation of the early modern Ottoman state, the shifting place of the empire in a broader world order, and the evolution of society, institutions, economy, culture and religion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 378. The Ottoman Empire and Modern Turkey from 1800 - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Reform, imperialism, nationalism. Empire's end and the modern republic.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 380. Hollywood and History** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Hollywood's representation of various historical periods, events, and personages in film.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HIST 384. Modern Culture** 3 Units  
**Description:** A survey of modern thought and artistic expression, from the Enlightenment to the present time.  
**Note:** Credit may not be received for this course and HUM 304.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 385. Russian Cultural History - WR 3 Units**

**Description:** An historical study of Russian culture, high and popular, from 1860 to present, including literature, art, film, and music.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 386. Modern Germany, 1848-1945: The Struggle for Unity 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Modern German political, social, and cultural development during the unification period, the Empire, the Weimar Republic, and the Hitler years.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 387. The Holocaust, Genocide, and Global Imagination - D2, SBH 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** A study of the historical events, with analysis and evaluation of the Holocaust and other modern genocides on humanistic thought and imagination.

**Note:** Cross-listed with HUM 387.

**Note:** Credit may not be received for this course and HUM 387.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 393. African History Before 1800 - SBH, D2 3 Units**

**Term Typically Offered:** Spring Even Years

**Description:** This course examines the development of African civilizations and societies across the African continent from early man up until 1800. Special emphasis will be on the establishment of precolonial states and kingdoms, examinations of African lifestyles and traditions, the role of religion and trade throughout African history, and the impact of trans-African slavery on the African continent.

**Note:** 3-6 hours of HIST or PAS is recommended prior to taking this course.

**Note:** Cross-listed with PAS 393.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 394. African History Since 1800 - SBH, D2 3 Units**

**Term Typically Offered:** Spring Odd Years

**Description:** Development of African societies and culture since ca. 1800, including the abolition of trans-Atlantic slavery, colonization, independence movements, Pan-Africanism, and the challenges and successes of African societies in the recent past.

**Note:** Cross-listed with PAS 394.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 395. Contemporary Africa 3 Units**

**Description:** Continental issues since independence, including such topics as apartheid, liberation movements, military regimes, African socialism, modernization, neocolonialism, cultural trends.

**Note:** Junior standing is recommended.

**Note:** Cross-listed with PAS 395.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 396. History of India 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Introduction to the history of the Indian subcontinent since the foundation of the Indus Valley civilization. Role of political, intellectual, social and economic change in the creation of modern India, Pakistan, and Bangladesh.

**Note:** Cross-listed with AST 396.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 397. Traditional China 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course studies the political, social and economic history of China from Shang dynasty to the intrusion of the West (1700 BC to 1800 AD).

**Note:** Cross-listed with AST 397.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 398. Modern China 3 Units**

**Term Typically Offered:** Fall Only

**Description:** From Confucianism to Communism in China: society, economy and politics, 1600-present.

**Note:** Cross-listed with AST 398.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 399. Modern Japan: Imperialism and Democracy 3 Units**

**Term Typically Offered:** Spring Only

**Description:** This course reviews Japanese history from the Yamato state to the collapse of the bubble economy (500-1900s). We first examine how Japanese native culture and government interplayed with imported elements from China and Korea, forming its own distinctive political structure and society in the Tokugawa era (1600-1868). We focus on Japan's modern experiences-state led nationalism and modernization since Meiji restoration, investigating how Western influence transformed Japanese state, society, culture and values. We explore origin, development, and the defeat of Japanese imperialism and militarism, analyzing how race, gender, and nationalities were constructed, and manipulated within Japanese empire in the wartime era (1931-45). Finally we examine postwar Japanese democracy and economic prosperity.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 401. Cooperative Internship in History - CUE** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Students must have a minimum GPA of 3.0 overall and in History; completion of 60 hours.

**Description:** An individually-arranged course combining a work experience with a related academic project.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 410. Honors History - WR** **3 Units**

**Prerequisite(s):** Admission to the Honors program.  
**Description:** Exploration of an individual topic in consultation with faculty advisor.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 498. Honors Seminar - WR** **3 Units**

**Prerequisite(s):** Admission to the Honors Program.  
**Description:** Special opportunities to work in a seminar setting on topics chosen by the instructor.

**Note:** Open to students in the College and Departmental Honors Programs.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 499. Senior Honors Thesis - WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Honors program.  
**Description:** An independent study undertaken to complete requirements for graduation with honors in History.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 501. Independent Study** **3 Units**

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.

**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 502. Independent Study** **3 Units**

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 503. Advanced Studies in History** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Consent of instructor.  
**Description:** Selected topics in history that cross traditional geographic or chronological boundaries.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 504. Research Seminar in the Americas - WR, CUE** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** 60 credit hours completed and HIST 304 or permission of the instructor.

**Description:** This culminating undergraduate seminar explores topics in the history of the Americas. Topics will vary by semester and instructor. This course may be repeated twice for credit if different topics are taken.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 505. Research Seminar in World History - CUE, WR** **3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** 60 credit hours completed and HIST 304 or permission of the instructor.

**Description:** This culminating undergraduate seminar explores topics in world history outside of the Americas. Topics will vary by semester and instructor. This course may be repeated twice for credit if different topics are taken.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 506. Women in 19th Century America - WR** **3 Units**

**Prerequisite(s):** Completion of ENGL 102 or ENGL 105, or the equivalent.  
**Description:** Course focuses on material conditions, ideologies, and knowledge-systems that shaped American women's lives in the 19th century, with attention to race, class, and regional differences.

**Note:** Cross-listed with WGST 533.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both HIST 506 / WGST 533 and WGST 633.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 508. American Environmental History - WR, CUE 3 Units**

**Description:** Relationship between economic development and environmental change, focusing on America, pre-colonial to present.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 509. Women and Medicine 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** In this course we will focus on women and medicine in the United States from the early 19th century to the 21st century. We will be concerned with women as patients, caretakers, and practitioners, and the sexual and racial politics of health care.

**Note:** Cross-listed with WGST 509.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 510. Studies in American History 3 Units**

**Description:** Intensive study of particular topic, to be announced in course schedule.

**Note:** May be repeated under different subtitles.

**Note:** Junior standing is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 511. History of the Old South - CUE, WR 3 Units**

**Description:** Economic life, society, and government in the southern states from colonial times to the Civil War.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 512. History of the Jews in America - CUE, WR 3 Units**

**Description:** The experience of Jews in America from the seventeenth century to the present, with attention to topics such as demography, the immigrant experience, anti-Semitism, religious movements and cultural developments.

**Note:** Approved for the Arts and Science upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 513. U.S. Social Justice Movements 3 Units**

**Prerequisite(s):** Junior standing.

**Description:** Course will begin with abolitionism, then concentrate on social justice upsurges of the 20th century, with emphasis on women in the civil rights and Black liberation movements.

**Note:** Cross-listed with WGST 513, PAS 513, SCHG 513.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 514. United States Peace Movement 3 Units**

**Description:** History of the peace movement in the United States from the beginning to the present. The course also examines nonviolent civil disobedience throughout U.S. history. Concentration on the twentieth century with the main focus being the Vietnam anti-war movement.

**Note:** HIST 314 is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 516. History of American Civil Liberties - WR 3 Units**

**Description:** Surveys the history of American civil rights, especially voting issues and civil liberties, especially speech and press issues, from colonial origins to present.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 518. Antebellum United States, 1800-1860 - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** An intensive study of the social, economic, political and intellectual aspects of United States history between the Era of the Early Republic and the eve of the Civil War.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 519. Gilded Age and Progressive Era United States, 1877-1929 - WR 3 Units**

**Description:** An intensive study of the social, economic, political and intellectual aspects of American History from the end of Reconstruction to the beginning of the Great Depression.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 521. Colonial America to 1765 - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** History of North America, focusing on the British Colonies, beginning with the first native Americans, to the end of the Seven Years War.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 522. The American Revolution and the Confederation - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** An intensive study of the American Revolution and of the background of the Constitution.

**Note:** Approved for the Arts and Sciences upper-level requirement in written Communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 524. United States Civil War and Reconstruction - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** Political dissolution of the 1850s; political, social, economic, constitutional, and military events of the Civil War; the Reconstruction era.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 528. Recent American History, 1929-1945 - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** An intensive study of the economics, policies, and social and intellectual developments of the Great Depression and World War II years in the United States.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 529. Recent American History, 1945 to Present - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** An intensive study of the economics, politics, and social and intellectual developments of the modern period in the United States.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 530. History of Radio - CUE, WR 3 Units**

**Term Typically Offered:** Spring Odd Years

**Description:** This course explores the history of radio broadcasting from its beginnings to the present, with a focus on the way radio both reflected and shaped the political, cultural, technological, and economic history of the twentieth century. The primary focus is on radio in the United States, but the radio in other national and regional contexts is also considered. While the course devotes most of its attention to radio's so-called 'golden age' from the 1920s to the 1940s, there is also ample discussion of radio during the television and internet eras.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** It is recommended that students have completed HIST 304 before taking this course.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 533. Twentieth-Century Latin America - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** The history of Latin America since 1900, with special emphasis upon the problems of social change and revolution.

**Note:** HIST 332 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 534. The U.S. and Latin America - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** The history of the international relations of the United States with the nations of Latin America, emphasizing economic, political, and ideological development.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** HIST 314 is recommended.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 535. The History of Mexico: Pre-Columbian to the Present - WR, CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** 60 credit hours completed.

**Description:** Covers the history of Mexico from the Pre-Columbian period to the present, with emphasis on the nineteenth and twentieth centuries.

**Note:** HIST 331 or HIST 332 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 537. Black Radicalism 3 Units**

**Description:** Modern Black Nationalists, Marxists, and Black Panthers in the U.S., and their programs, ideologies, and behaviors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 538. Sports, Human Rights, & U.S. Foreign Relations - CUE, WR 3 Units**

**Term Typically Offered:** Spring Odd Years

**Description:** How have U.S. athletes and government officials used sports as a platform to promote human rights? What has been the relationship between U.S. athletes' efforts and human rights movements in the United States and abroad? How have members of the U.S. public foreigners responded to these efforts? On what bases have people argued that sports should or should not be a platform for discussing human rights? In this course, we will use sports as a lens to explore human rights activism and U.S. foreign relations. Through case studies, we will examine how people have defined human rights, how the U.S. government has incorporated human rights concerns in formulating its foreign policy, and how athletes and others outside of the government (non-state actors) have promoted human rights. Our readings will include foreigners' responses to, and involvement in, these debates as well.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 540. Advanced Studies in History - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** Advanced study of a special topic; meets established guidelines for WR courses; writing and rewriting of papers throughout the term.

**Note:** Junior standing is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 542. Studies in Graeco-Roman History - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** Topics to be chosen by instructor (e.g., the Ancient Historians).

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 547. Studies in Russian History - WR, CUE 3 Units**

**Description:** Topics to be chosen by instructor (e.g., the early church, formation of the Russian state, administration, liberalism, the purges).

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 550. Studies in Ancient History - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** In-depth examination of special topics in ancient history.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 551. Studies in Medieval History - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** Intensive work in selected periods of medieval history (e.g., High Middle Ages, Europe in the fourteenth and fifteenth centuries).

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 555. English Medieval History, 1066 to 1500 - WR 3 Units**

**Description:** An analysis of the political, economic, and social factors contributing to the development of the English nation from the Norman Conquest to the Wars of the Roses.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 559. U.S. and the Cold War Policy - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** This course examines U.S. diplomacy during the Cold War (1945-1989).

**Note:** HIST 314 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 561. U.S. and Vietnam - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** Analysis of diplomatic relations between the United States and Vietnam, concentrating on the 20th Century.

**Note:** HIST 314 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 563. The Middle Eastern Wars - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** European technological superiority and Ottoman defeat. The Austrian and Ottoman wars. Balkan Wars. World War I. Turkish War of Independence.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 564. Byzantium and Islam 3 Units**

**Description:** This course will examine the relationship between the Byzantine state and the medieval Islamic caliphates and empires. The class will begin in the 6-7th centuries and continue onwards until the fall of the Byzantine Empire in the middle of the 15th century.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 565. Women and Sexuality in the Middle East - CUE, WR 3 Units**  
**Term Typically Offered:** Occasionally Offered

**Description:** Investigation of the cultural landscape of the Middle East before the rise of Islam; how the mix of the new religion together with prevailing customs of Late Antiquity and tribal Arabia laid a new framework for gendered relations across the region. Topics and debates pertaining to gender roles and sexuality in the medieval and early modern periods. The changing contours of women's lives during the nineteenth and twentieth centuries and the ambiguous legacy of modernization.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 571. The Renaissance - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** The Italian urban powers; Hundred Years' War after 1415; Church and society on the eve of the Reformation; Italian and Northern humanism; invasion of Italy; early explorations.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 572. Age of the Reformation - WR 3 Units**

**Description:** Intensive examination of causes of the Reformation, the program of the Reformers, the nature of the Roman Catholic Counter-Reformation, and the character of the sixteenth century.

**Note:** HIST 352 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 577. The French Revolution and Napoleon - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** The Old Regime; influence of the Enlightenment; causes of the Revolution; courses and significance of the Revolution; emergence of Napoleon; rise and fall of the Empire.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 579. History of European Ideas: Selected Topics - WR, CUE 3 Units**  
**Prerequisite(s):** 60 credit hours completed.

**Description:** Selected topics on thinkers in the arts and sciences from one or more generations of European thought between the age of Charlemagne and the present. Includes the influence of ideas on their immediate society as well as on European culture and history.

**Note:** Topics will be announced in the Schedule of Courses.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 582. Contemporary Europe 1945-Present - WR, CUE 3 Units**

**Description:** History of Europe from the postwar era to the present.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 583. Women in the Twentieth Century in Europe and the U.S. - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** The history of women in Western society, including Europe and the U.S. in the twentieth century. Includes political, economic, social, and cultural developments.

**Note:** Junior standing is recommended.

**Note:** Cross-listed with WGST 531.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for HIST 583/WGST 531 and WGST 631.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 584. Women in East Asian History 3 Units**

**Description:** The history of women in China from ancient times to the twentieth century, with comparisons to women's experiences in Japan, Korea, and Vietnam.

**Note:** Cross-listed with WGST 584.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 587. The Russian Revolutions - WR 3 Units**

**Description:** Intensive examination of the Russian revolutions of 1905 and 1917, their chronology, their causes, historiographical issues.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 588. Feminism in Western Civilization, 1790-1920 - WR 3 Units**

**Description:** Comparative analysis of feminist movements in United States, Britain, and Europe, stressing intellectual background, social composition, goals, and political strategies.

**Note:** Junior standing is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for HIST 588 or WGST 530 and WGST 630.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 589. History of American Sexualities - WR 3 Units**

**Description:** Focuses on sexual behaviors and meanings in America from the Colonial period to the late twentieth century, and how sexual meanings impact on people's identities, choices, and social positions. Also concerns the interaction of gender, race, and class.

**Note:** HIST 211 and HIST 212 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for this course and WGST 532.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 590. Studies in African History - WR, CUE 3 Units**

**Prerequisite(s):** Junior standing or faculty consent.

**Description:** Intensive study of a particular topic chosen by the instructor (e.g., slavery and the slave trade, traditional kingdoms).

**Note:** Cross-listed with PAS 590.

**Note:** Junior standing and completion of 9 hours of HIST and/or PAS are recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 591. Civilizations of Ancient and Medieval India - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** An introduction to the civilizations of the Indian subcontinent until the eighteenth century. It covers history, interpretive studies and selected literary, religious, and philosophical works, and visual arts.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 592. Civilizations of Modern India - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** An introduction to the civilizations of the Indian subcontinent since the eighteenth century. It covers history, interpretive studies and selected literary, religious and philosophical works, and visual arts.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 593. American Image of the Middle East - CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** Formation of the American image of Islam and the Middle East. European tradition of prejudice. Effect of religious traditions on U.S. mythologies.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 594. Studies in Middle Eastern History - WR 3 Units**

**Description:** Selected topics in Middle Eastern history and societies.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 595. Principles of Cultural History - WR 3 Units**

**Description:** The study of major systematic views of the development of Western culture.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be received for this course and HUM 595.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 596. History of the Future - WR, CUE 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** A conceptual approach that presents the premise that the history of the future is, in reality, the history of the present and the past.

**Note:** Junior standing is recommended.

**Note:** Approved for Arts & Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 597. Introduction to Public History 3 Units**

**Description:** Introduction to nature, history, and methods of public history. Emphasis on relationship of historical scholarship to nonacademic applications.

**Note:** Faculty consent is recommended.

**Note:** This course is cross-listed with HIST 697 and HUM 671.

**Note:** Credit may not be earned for both HIST 597 and HIST 697.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 598. Nationalism and Modernity in East Asia 3 Units**

**Description:** The creation of modern nation-states in China, Japan, and Korea from 1840 to 1945.

**Note:** Cross-listed with AST 598.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HIST 599. Oral History - CUE, WR 3 Units**

**Prerequisite(s):** 60 credit hours completed.

**Description:** A study of the nature and development of oral sources in history, the creation and evaluation of them, and their application to research and teaching.

**Note:** Faculty consent is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Honors (HON)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**HON 101. Honors Modes of Inquiry 1 Unit**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** An introduction to modes of inquiry in the Humanities, Natural Sciences, and Social Sciences. Satisfies the requirement for GEN 101.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 150. Honors Learning Community 9 Units**

**Term Typically Offered:** Fall Only

**Description:** Honors Learning Community

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HON 190. Grawemeyer Scholars Seminar** 1 Unit  
**Description:** This course is restricted to first-year Grawemeyer Scholars. It provides participants with practical information, campus resources, and requirements necessary to succeed as Grawemeyer Scholars. Meetings may include: faculty directors of the Grawemeyer Awards, Vice President for Research and Innovation, Director of Graduate Scholarships, Associate Director for Study Abroad, and other campus resources. Course will also include a handful of field trips into the community to meet with leaders of civic, cultural, educational, and community service organizations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 201. Brown Fellows Seminar** 1 Unit  
**Term Typically Offered:** Spring Only  
**Description:** This course is restricted to students in the Brown Fellows Program. Students will enroll in the course a total of three times during their undergraduate careers, registering for a different section number (01, 02, 03) each time, for a total of three credit hours. Coursework will consist of readings and discussions to prepare students for and reflect on various aspects of the Brown Fellows program, including leadership training and local service; group international study; independent enrichment projects; and group travel throughout the state of Kentucky. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 202. Windows on the World** 1 Unit  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program and of the Overseers Scholars Program are required for registration.  
**Description:** Directed readings and discussion of local, national and global events from the perspective of the liberal arts and sciences, with emphasis on critical analysis and self-presentation in discussion and interview formats.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 211. Topics in Arts and Oral Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 212. Topics in History and Oral Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 213. Topics in Humanities and Oral Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 214. Topics in Oral Communication - OC** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** This course satisfies Cardinal Core learning outcomes for Oral Communication.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 215. Topics in Arts and Written Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 216. Topics in History and Written Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 217. Topics in Humanities and Written Communication** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 218. Topics in Social Sciences and Written Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 219. Topics in Mathematics and Written Communication** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Using structured problem solving strategies to solve authentic real world problems, with emphasis on writing clear, comprehensible solutions; researching and writing about topics related to diverse problem solving strategies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 320. Research Colloquium in Humanities** 3 Units  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** A theme-based course offering opportunity for research in the Humanities.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HON 321. Research Colloquium in Natural Sciences** **3 Units**  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** A theme-based course offering opportunity for research in the Natural Sciences.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 322. Research Colloquium in Social Sciences** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** A theme-based course offering opportunity for research in the Social Sciences.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 331. Honors Seminar in Humanities** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Humanities. Topics vary.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 336. Honors Seminar in Humanities - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Humanities. Topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirements in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 341. Honors Seminar in Social Sciences** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Social Sciences. Topics vary.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 346. Honors Seminar in Social Sciences - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Social Sciences. Topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 351. Honors Seminar in Natural Sciences** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Natural Sciences. Topics vary.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 356. Honors Seminar in Natural Sciences - WR** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Natural Sciences. Topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 399. Overseers International Seminar** **1 Unit**  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** Permission of Honors Director and concurrent enrollment in correlated Honors Scholars Seminar.  
**Description:** Travel outside the United States for first-hand study of the culture(s) examined in the related Honors Scholars Seminar. (Students accepted to course will be awarded partial scholarships.)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HON 410. Capstone Senior Seminar in Humanities** **3 Units**  
**Prerequisite(s):** Permission of the Director of the University Honors Program.  
**Description:** Multidisciplinary approaches to knowledge, using students' senior research projects in Humanities.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 411. Capstone Senior Seminar in Natural Sciences** 3 Units  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Multidisciplinary approaches to knowledge, using students' senior research projects in the Natural Sciences.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 412. Capstone Senior Seminar in Social Sciences** 3 Units  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Multidisciplinary approaches to knowledge, using students' senior research projects in the Social Sciences.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 420. Honors Thesis - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior Standing.

**Description:** An intensive examination of a topical area, undertaken with a designated faculty advisor.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Honors Thesis hours may be counted for either Honors credit or departmental credit, not both.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 431. Honors Seminar in Humanities** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Humanities. Topics vary.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 436. Honors Seminar in Humanities - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Humanities. Topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 441. Honors Seminar in Social Sciences** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Social Sciences. Topics vary.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 446. Honors Seminar in Social Sciences - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Social Sciences. Topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 451. Honors Seminar in Natural Sciences** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Natural Sciences. Topics vary.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HON 456. Honors Seminar in Natural Sciences - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of the Director of the University Honors Program.

**Description:** Interdisciplinary Honors seminar which may apply to an upper-level divisional or college requirement in Natural Sciences. Topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Humanities (HUM)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

- HUM 101. World Literature to 1700 - D2, AH** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to critical thinking about world culture through selected readings in major literary forms from ancient times to 1700.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 102. World Literature After 1700 - AH, D2** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to critical thinking about world culture through selected readings in major literary forms since 1700.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 105. Introduction to Comparative Humanities - D2, AH** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course is an introduction to Comparative Humanities offering an array of Humanities disciplines and creating genres through global and diverse cultures.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 151. Creativity and the Arts - AH** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Introduction to the fundamental vocabulary, principles, analytical processes, and styles of the creative arts (painting, sculpture, architecture, and the printed image) with an emphasis on the performing arts (theatre, dance, music, film, and television). The course will include a variety of individual and group activities focused on creativity and performance in the classroom and in the community.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 152. Cultures of America - AH, D1** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Interdisciplinary study of the arts and humanities in contemporary American culture emphasizing the convergence of European, African, Hispanic, Asian, and indigenous cultures as well as the distinguishing characteristics of each culture as revealed in three of the following areas: fine arts, drama, literature, philosophy, religion, and popular entertainment.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 216. Introduction to World Religions - D2, AH** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** The study of the principal world religions (Judaism, Christianity, Islam, Hinduism, Buddhism and indigenous traditions) in their cultural contexts.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 217. Introduction to Indigenous Religions of Africa, Americas and the Pacific Basin** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to the religious beliefs and practices of selected indigenous communities in Africa, the Americas and the Pacific Basin.  
**Note:** Cross-listed with PAS 217.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 218. Introduction to Eastern Religious Traditions - D2, AH** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** A survey of the history, beliefs and sacred literatures of the religions of South and East Asia from the perspectives of the humanities and the history of religions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 219. Introduction to Western World Religions - AH, D2** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** A comparative introduction to western world religions, Judaism, Christianity, and Islam, through a systematic survey of history, scripture and interpretation, doctrine, practice and aspects of religious material and literary culture.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 220. Introduction to Jewish Cultures - D2, AH** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** This course provides an introduction to Jewish diversity and the Jewish historical minority experience through the prism of the arts and the humanities. Five chronologically sequenced units will examine Jewish cultures in different historical periods and geographical regions to communicate the scope of Jewish diverse communities in the past and present. Special attention will be placed on how gender, ethnicity and demographic realities, such as displacement and migration, influenced the creation, design and consumption of Jewish literature, art, music, theater, film and media, food, and philosophic tradition.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 224. Introduction to Film - AH, D2** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Introduction to the fundamentals of film form and film content, including narrative, mise-en-scene, cinematography, editing, genre, acting, and sound, with emphasis on relationships between these elements and diverse cultural contexts.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 300. Ancient Near Eastern Cultures** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** Interdisciplinary study of the ancient Near East (Egypt, Mesopotamia, Syria-Palestine) through the fourth century B.C.E., with emphasis on the distinctive characteristics of the arts, literature, and religious and philosophical thought in their cultural context.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>HUM 301. Ancient Greek and Roman Cultures</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> Interdisciplinary study of ancient Greece and Rome with emphasis on the distinctive characteristics of the arts, literature, and religious and philosophical thought in their cultural context.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HUM 307. East Asian Cultures - D2, AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Summer  <b>Description:</b> A survey of literature, arts and thought in China and Japan in their historical context.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HUM 302. Medieval Culture</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> Interdisciplinary study of the Middle Ages with emphasis on the distinctive characteristics of the arts, literature, and religious and philosophical thought in their cultural context.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HUM 308. Studies of Religion - AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> The interdisciplinary study of religion as a cultural phenomenon, with emphasis on individual, social, mythic, literary and textual manifestations.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HUM 303. Renaissance Cultures</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> Interdisciplinary study of the Italian Renaissance, the Northern Renaissance, and of consequent traditions, with emphasis on the distinctive characteristics of the arts, literature, and religious and philosophical thought in their cultural context.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HUM 309. Survey of Jewish Thought, Religion and Culture - WR</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> An overview of Jewish religious, cultural, social, and political experience through the centuries in the light of current interpretation.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HUM 304. Culture of the Modern Period</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> Interdisciplinary study of the Modern Period, from the Enlightenment to the present, with emphasis on the distinctive characteristics of the arts, literature, and religious and philosophical thought in their cultural context.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HUM 310. Religion and Culture</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> This course examines the intersections of religion and culture. It does not focus on religious texts; instead, its focus is on how religion plays a part in people's everyday lives as a source of meaning and order, as well as by creating a nexus of rituals, communities, spaces, and identities. It analyzes world religion (Judaism, Christianity, Islam, Buddhism and Hinduism) as well as local and indigenous religious traditions from a cultural perspective.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HUM 305. American Culture</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> An analysis of American thought and artistic expression since 1900.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HUM 311. Hebrew Bible/ Old Testament</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> Study of the outlook of the Hebrew Bible/Old Testament in relation to the cultures from which it is derived.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>HUM 306. Survey of Islamic Thought, Religion and Culture</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> An overview of Islamic religious, cultural, political, and social experience through the centuries.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>HUM 312. New Testament</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Sophomore standing.  <b>Description:</b> Study of the canonical and apocryphal books of the New Testament as an expression of the world outlook of the primitive Christian community.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

- HUM 313. Introduction to the Qur'an** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore Standing.  
**Description:** An introduction to Islam's most sacred text, the Qur'an, which contains the fundamental creed, rituals, ethics and laws of Islam. An examination of the historical and cultural contexts of its origin and subsequent interpretation, as well as its main themes.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 314. Buddhist Scriptures** 3 Units  
**Prerequisite(s):** Sophomore Standing.  
**Description:** A survey of Buddhist sacred texts ranging from canonical scriptures to apocrypha and esoteric manuals selected from major Asian and/or East Asian Buddhist traditions, as an introduction to a range of Buddhist beliefs and practices that represent both established Buddhist orthodoxies and popular tradition operating at their periphery.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 315. Alternative Judaisms - AH, D2** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course will explore the richness of religious diversity within Judaism past and present by focusing on what are considered "normative" and "alternative" beliefs, rituals and practices.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 316. Modern Islamic Thought** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** A study of important Islamic movements and thinkers in the Indian subcontinent, Egypt, and Turkey, in the nineteenth and twentieth centuries.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 317. Modern Jewish Thought** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** Creative and discursive writers representing nineteenth- and twentieth-century thought on theology, religion, culture, and society.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 319. Survey of Christian Thought, Religion and Culture** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** A historical survey of Christian religious, cultural, social, intellectual and political experience.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 320. Research and Writing in the Humanities - WR, AH** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course introduces students to interdisciplinary writing and research strategies in the Humanities.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 321. Modern Fiction: Nineteenth Century** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** Study of important developments in the technique and content of fiction in selected European masterpieces, including works representative of several continental traditions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 322. Modern Fiction: Twentieth Century** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** Study of important developments in the technique and content of fiction in selected European masterpieces, including works representative of several continental traditions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 323. Modern Drama** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** Study of major movements and dramatists from Ibsen to the present.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 324. Approaches to Film Interpretation** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** A film theory course that introduces students to theoretical approaches to cinema that may include structuralism, semiotics, psychoanalysis, feminism, and post-structuralism, as well as historical, cultural, and gender theory.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 325. Survey of Film and Culture** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** This course offers a global survey of cinema from its beginnings to contemporary films. Cinematic developments such as the introduction of color, sound, censorship, digitization, and the demise of the studio system are potential topics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HUM 326. Studies in Film and Culture** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Sophomore standing.  
**Description:** Offers students the opportunity to study a specific group of films in greater depth. Topics could include a focus on genre (e.g. Rom Coms, Mysteries, Film Noir, etc.) or the course could focus on a particular theme such as food and film, war and film, etc.  
**Note:** May be repeated up to three times if different selections of films are studied.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 331. Humanities and Gender - AH, D2** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Analysis of sex roles as embodied in classic works in philosophy, literature, history, drama, and art in ancient, medieval, modern, and contemporary times.  
**Note:** Cross-listed with WGST 303.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 335. Modern Christian Thought** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** An introduction to Christian thought and issues through a study of the writings of modern Christian thinkers.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 336. Indigenous Religions of the Americas** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore Standing.  
**Description:** A survey of the universal aspects of Native American religions, cosmologies and practices from prior to European contact until the present day.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 338. Greek Mythology** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Sophomore standing.  
**Description:** Mythology of Greek gods and goddesses through the study of ancient texts, major sites of worship, and ancient representations of these deities.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 339. Studies in World Mythology - D2, AH** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Comparison and contrast of different mythic systems. Emphasis on myth as response to the demands of specific cultural experiences.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 340. Women and Religion - D2, AH** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Description:** An historical survey of the relationship between the social-cultural roles of women and their representation in world religion.  
**Note:** Cross-listed with WGST 340.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 341. South Asian Religious Thought and Culture - AH, D2** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Study of Hinduism, Jainism, Buddhism, and Sikhism and their interrelationship with the cultures of South Asia (India, Sri Lanka, and Pakistan).  
**Note:** Cross-listed with AST 340.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 342. Eastern Mysticism** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** An overview of eastern mysticism through a close reading of significant primary texts from Hindu, Buddhist, Muslim and Daoist mystical traditions in the light of perennial and contextual theoretical frameworks and current critical scholarships.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 343. East Asian Religious Thought and Culture - D2, AH** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** Study of the Confucian, Taoist, Buddhist, and Shinto and their interrelationships with the cultures of China, Korea, and Japan.  
**Note:** Cross-listed with AST 343.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 344. Religion in the United States** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Sophomore standing.  
**Description:** The varieties of religious experience in the United States: native traditions, manifestations and adaptations of Christianity, and other religions practiced in the United States.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 349. African Americans & Islam** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course explores the complex relationship between African Americans and Islam. It begins with a discussion of Islam in Africa prior to and during slavery, the early 20th century communities, rise of the Nation of Islam, orthodox Islam, and the influence of Islam on nationalism and artists.  
**Note:** Cross-listed with PAS 349.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 350. The Literary Fairy Tale - AH** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** An investigation of the literary fairy tale from the Renaissance to the twentieth century.  
**Note:** Cross-listed with M L 350.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 351. Survey of African Religion and Culture** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** This course discusses various African understandings of religion by examining specific traditions, beliefs, and practices from Ancient Egyptians, Yoruba, Dogon, and Dagara, among others. Christianity and Islam are discussed as unique parts of the African religious experience. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 354. Masterpieces of Ancient Greece - WR** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** Close study of selected great works in their cultural context.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 355. Masterpieces of Ancient Rome - WR** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** Close study of selected great works in their cultural context.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 356. Masterpieces of the Middle Ages - WR** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Sophomore standing.  
**Description:** Close study of selected great works in their cultural context.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 357. Masterpieces of the Renaissance - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** Close study of selected great works in their cultural context.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 358. Masterpieces of the 17th & 18th Centuries - WR** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** Close study of selected great works in their cultural context.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 359. Masterpieces of the 19th & 20th Centuries - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Sophomore standing.  
**Description:** Close study of selected great works in their cultural context.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 361. Selected Topics** **1-3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Sophomore standing.  
**Description:** Content to be indicated in Schedule of Courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 362. Selected Topics** **1-3 Units**  
**Term Typically Offered:** Spring, Summer  
**Prerequisite(s):** Sophomore standing.  
**Description:** Content to be indicated in Schedule of Courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 363. Special Topics - WR** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Content to be indicated in Schedule of Courses.  
**Note:** May be repeated when topics vary.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 365. Theories of Music** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** An examination of theoretical problems arising from the composition, performance, and hearing of music, such as musical meaning and the relation of music to the emotions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HUM 366. Theories of Literature - WR** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** An examination of theoretical problems arising from the authoring, interpretation, and evaluation of literary texts, such as authorial intention and the nature of fiction.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 367. Theories of the Visual Arts** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** An examination of theoretical problems arising from the creation and understanding of visual works of art, such as representation, functionalism, and style.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 368. Theories of the Theatre** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** An examination of theoretical problems arising from rehearsal and performance of dramatic texts, such as the relation of interpretation to meaning and emotion to acting.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 369. Asian Theatre** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore Standing.  
**Description:** An examination of the theatre forms of East Asian culture and aesthetics with particular emphasis on those forms that have proved influential on the Western theatre of the 20th century.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 376. Studies in American Culture** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** Interdisciplinary analysis of an important theme, problem, or a selected period considered in the full perspective of American culture.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 377. African-American Religion - AH, D1** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** This course explores various religious beliefs, practices, experiences, traditions and institutions of African descended people in the United States. Students will be introduced to a range of African-American religious traditions and a variety of perspectives within African-American religious thought. These traditions and their respective beliefs and practices will be situated within their proper historical, social and cultural contexts.  
**Note:** Cross-listed with PAS 317.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 378. The African-American Experience** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** An examination of the African-American experience as depicted in literary and artistic genres.  
**Note:** Cross-listed with PAS 378.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 380. Culture of Iberia-Latin America** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** Interdisciplinary study of Iberia-Latin America, with emphasis on the distinctive characteristics of the arts, literature, and religious and philosophical thought in their cultural context.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 381. Russian Culture** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Sophomore standing.  
**Description:** Cultural trends in Russia through music, fine arts, literature, theatre and film.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 382. Native American Cultures** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** Interdisciplinary study of native cultures of the Americas with an emphasis on art, dance, literature (oral and written) and religion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 383. The Mediterranean and Culture** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** Examines how cultural practices in the Mediterranean area vary and interact. Considers different meanings assigned to "the Mediterranean" according to place and period.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 384. Cultures of Modern Africa** **3 Units**  
**Prerequisite(s):** Sophomore standing.  
**Description:** Interdisciplinary study of representative modern African cultures, since the fifteenth century, especially under European colonialism and since independence, with emphasis on the distinctive characteristics of the arts, literature (oral and written), and religious and philosophical thought in their cultural context.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 387. The Holocaust, Genocide, and Global Imagination - D2, SBH** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** A study of the historical events, with analysis and evaluation of the impact of the Holocaust and other modern global genocides on humanistic thought and imagination.

**Note:** Cross-listed with HIST 387.

**Note:** Credit may not be received for this course and HIST 387.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 395. Environment, Urbanism, and Architecture** 3 Units

**Term Typically Offered:** Fall Odd Years

**Prerequisite(s):** Sophomore Standing.

**Description:** A study of the visual shaping of the environment, the history of cities and architecture, within changing cultural contexts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 400. Honors Seminar in Humanities** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Admission to Divisional Honors Program.

**Description:** Seminar devoted to the intensive investigation of a major substantive or theoretical area within the Humanities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 500. Honors Thesis in Humanities - WR** 3 Units

**Prerequisite(s):** Junior standing; admission to Divisional Honors Program.

**Description:** An intensive examination of a topical area in Humanities undertaken with a designated faculty director.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 501. Independent Study** 1-3 Units

**Prerequisite(s):** Minimum grade-point average of 3.0 overall; minimum grade point average of 3.5 in the department; at least 18 hours credit in the department; consent of Division chair.

**Description:** Individualized study under the supervision of a sponsoring faculty member that is related to research or practice that is not included in regular courses in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 502. Independent Study** 1-3 Units

**Prerequisite(s):** Minimum grade-point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 hours credit in the department.

**Description:** Consent of Division chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 505. Humanities Study Abroad - WR** 3-6 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Participation in the University of Louisville study abroad program or a program approved by the Department of Comparative Humanities.

**Description:** Credit awarded upon demonstration of successful completion of program, including a paper or project and an oral or written examination administered under the supervision of a faculty member.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 509. Interdisciplinary Approaches: Arts and Humanities - WR, CUE** 3 Units

**Prerequisite(s):** Junior standing; majors only.

**Description:** Methods and theories in interdisciplinary thinking and research, emphasizing 1) the interrelationships of the disciplines, 2) the importance of synthesizing art, theatre, literature, music, philosophy, and religion in a cultural context, and 3) the critical examination of issues arising from fields outside the Humanities that have significant impact on and synergy with the Humanities.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both HUM 509 and HUM 609.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 510. Methods and Theories in the Study of Religion - WR, CUE** 3 Units

**Prerequisite(s):** Completion of 90 hours and permission of instructor.

**Description:** . A survey of major theories and methodologies in the academic study of religion from a historical perspective.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both HUM 510 and HUM 610.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 511. Topics in the Interpretation of Sacred Texts** 3 Units

**Prerequisite(s):** Junior standing.

**Description:** Study in depth of sacred texts and commentaries selected from the major religions of the world: Hebrew Bible, New Testament, Qur'an, Vedas, Bhagavad Gita, and Buddhist sutras.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- HUM 512. Topics in Contemporary Religious Thought** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** In-depth study of selected contemporary writers from major world religions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 513. Topics in Comparative Religions** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** A critical study of similarities and differences in ideas and attitudes toward significant themes in world religions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 514. Perspectives on Religious Coexistence and Conflict** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** Through interdisciplinary methodological and theoretical frames of analysis, exemplary cases of global, historical interreligious encounters will be explored.  
**Note:** Credit may not be earned for both HUM 514 and HUM 614.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 515. Topics in Gender and the Humanities** 3 Units  
**Prerequisite(s):** Junior Standing.  
**Description:** Specialized topics in Gender and the Humanities will be explored through advanced, interdisciplinary methodological and/or theoretical frames.  
**Note:** Credit may not be earned for both HUM 515 and HUM 615.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 516. Topics in the Histories of Religion** 3 Units  
**Prerequisite(s):** Junior Standing.  
**Description:** Advanced study of selected histories of individual religious traditions and/or interaction between religious traditions in different historical contexts.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 518. Arabs & Jews in Israeli & Palestinian Literature & Cinema** 3 Units  
**Prerequisite(s):** ENGL 101 and ENGL 102.  
**Description:** Students explore the nexus of Israeli and Palestinian literature and history from the 1948 war to the present, exploring issues of empathy with the other, the commemoration of personal and collective trauma and dispossession, and the construction of peoplehood and national identity.  
**Note:** Cross-listed with HUM 618.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 524. Special Topics in Film Study** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** An in-depth study on a specific topic to be announced in the Schedule of Courses.  
**Note:** May be repeated up to three times for different topics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 541. Feminism and Science Fiction** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This class will examine the science fiction genre through the lens of gender and feminism. The course will develop students' critical reading, thinking, writing and presentation skills. Reading works of science fiction with and against classic readings in feminist theory, students will develop an understanding of the ways writers, particularly women writers, have worked within the genre to explore issues related to gender, race, class, and sexuality. Students will be asked to consider the ways the science fiction writers have participated in on-going dialogues within larger culture, within the SF community, and within feminism, related to gender roles, gender and sexual identity, and hegemonic social structures.  
**Note:** Cross-listed with WGST 541.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 550. Internship in Arts and Humanities** 3 Units  
**Prerequisite(s):** Consent of chair of Humanities or undergraduate advisor.  
**Description:** An individually arranged internship that combines volunteer work experience with an Arts or Humanities organization or agency with a related academic project.  
**Note:** Course cannot be repeated for academic credit toward the degree.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 555. Independent Reading** 2-3 Units  
**Prerequisite(s):** Honors standing, junior standing, consent of division chair.  
**Description:** Readings in cultural history; oral and written reports.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 561. Selected Topics** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** Content to be indicated in the Schedule of Courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- HUM 562. Selected Topics** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** Content to be indicated in the Schedule of Courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 581. Dante** **3 Units**

**Prerequisite(s):** Junior standing.  
**Description:** Study of Dante's life and major works, and the social, political, and cultural milieu which affected his literary career. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 590. ST: Interdisciplinary Perspectives on the Humanities - WR** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Interdisciplinary topics to be announced in the Schedule of Courses. May be repeated up to three times under different topics. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**HUM 595. Principles of Cultural History - WR** **3 Units**

**Prerequisite(s):** Completion of 75 undergraduate hours.  
**Description:** The study of major systematic views of the development on Western culture.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Credit may not be received for this course and HIST 595.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Industrial Engineering (IE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**IE 240. Fundamentals of Industrial Engineering** **3 Units**

**Term Typically Offered:** Fall Only  
**Description:** An introduction to the analysis and design of industrial systems; emphasis upon appropriate analytical and computer-based techniques and their applications to industrial systems. Topics introduced include: Quality Control/Management, Product/Service Design, Facility Design, Project Management, Supply Chains and Distribution, Forecasting, Inventory Planning, Scheduling, Six Sigma/Lean Basics, and the Code of Ethics for Engineers. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 250. Data Management and Spreadsheet Modelings for Industrial Engineering** **3 Units**

**Term Typically Offered:** Fall Only  
**Description:** This course will develop analytical and modeling skills using Excel spreadsheets. Students will develop skills needed to analyze data in Excel and to build mathematical models in Excel. The course is divided into two parts. The first part is devoted to data analysis and management. Students will learn a comprehensive set of spreadsheet skills and tools, including how to design, build, test, and use a spreadsheet for data analysis. The second part of the course provides and introduction to the concepts and methods of Decision Science, which involves the application of mathematical modeling and analysis to management problems, with a focus on optimization models. It also provides a foundation in modeling with spreadsheets. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 288. Industrial Engineering Cooperative Education Seminar** **0 Units**

**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHEM 201, ENGL 101, ENGR 102, ENGR 110, PHYS 298, student must be in Good Standing with GPA of 2.25 or higher; IE 240.  
**Corequisite(s):** IE 240.  
**Description:** Discussion of the policies and procedures for cooperative education and instruction in self-directed job search techniques, including interviewing skills, resume preparation, and guidelines for the co-op report. This is a prerequisite for each cooperative education term. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 289. Industrial Engineering Cooperative Education I** **1 Unit**

**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** IE 288.  
**Fee:** An additional \$300.00 is charged for this course.  
**Description:** Full-time technical work experience related to the student's academic program.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 320. Manufacturing Processes** **4 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** CHE 253.  
**Description:** Principles of materials processing used in manufacturing; casting, forming, machining, welding, and related techniques such as numerical and computer control. Laboratory includes plant visits. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>IE 360. Probability and Statistics for Engineers</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGR 102.  <b>Description:</b> Engineering applications using probability, random variables, distribution functions, confidence intervals, estimation and hypothesis testing.  <b>Note:</b> Students cannot receive credit for both IE 360 and IE 560.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>IE 421. Facility Location and Layout</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> IE 240.  <b>Description:</b> Design and layout of industrial facilities, facility location, space requirements, flow charts, relationship diagrams, material handling, quantitative layout techniques, production line balancing, and computer programs for layout planning. Students cannot receive credit for both IE 421 and IE 621.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>IE 370. Engineering Economic Analysis</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGR 101.  <b>Description:</b> Methods for economic evaluation of engineering projects including, time value of money, equivalence, cost estimation, selection of alternatives, effects of depreciation, taxes and inflation, replacement analysis, sensitivity analysis, capital budgeting.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>IE 425. Production and Inventory Control</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> IE 240 and IE 360.  <b>Description:</b> Topics include the context of inventory management and production planning decisions, economic order quantities, heuristics and models for probabilistic and time-varying demand patterns, coordinated replenishment systems, and aggregate planning.  <b>Note:</b> Students cannot receive credit for both IE 425 and IE 625.  <b>Note:</b> Cross-listed with IE 625.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>IE 380. Work Design</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Work measurement as a basis for the industrial engineering profession. Engineering principles of work measurement, analysis and design. Methods engineering and time study. Predetermined motion time systems. Work sampling and standards. Computerized work measurement systems: ADAM and MOST. Job design and standardization of production.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>IE 430. Quality Control</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> IE 240 and IE 360.  <b>Description:</b> Developing an effective total quality control (TQC) system: integrating the quality development, maintenance, and improvement efforts of an organization; control charts, process capability, value engineering, product liability prevention, and computer control.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>IE 389. Industrial Engineering Cooperative Education II</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> IE 289.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Full-time work experience related to the student's academic program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>IE 489. Industrial Engineering Cooperative Education III</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> IE 288 and IE 389.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Full-time technical work experience related to the student's academic program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>IE 393. Independent Study in Industrial Engineering</b> <span style="float: right;"><b>1-6 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**IE 499. IE Capstone Design - CUE** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** IE 380, IE 421, IE 425, IE 430, or Department Chair Permission.

**Description:** This course requires the solution of a real-world design problem in industrial engineering. It uses the design and analysis tools learned in previous coursework and emphasizes teamwork, documentation and presentation skills.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 515. Operations Research Methods** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ENGR 330.

**Description:** Formulation and solution of basic models in operations research. Topics to be covered include applications of linear, integer and nonlinear programming; transportation and assignment problems, and network flows models.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 516. Stochastic Operations Research** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** IE 360 or equivalent.

**Description:** A selection of the probabilistic topics of operations research are included: queuing, renewal and Markov processes, simulation, decision analysis.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 525. Project Management** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Admission in IE or EM program or instructor permission.

**Description:** Use of CPM, PERT, precedence diagramming, resource allocation heuristics, and other techniques for planning, managing, and controlling engineering projects involving research and development, production, maintenance, and construction. Computer procedures and codes for analyzing complex project networks will be covered.

**Note:** Cross-listed with EM 525.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 540. Robots and Manufacturing Automation** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** IE 360.

**Description:** Computer aided manufacturing; robot programming, implementation, application, and computer control; research trends; social impacts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 541. Simulation** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** IE 240, IE 250, and IE 360.

**Description:** The use of discrete event simulation to analyze systems. Topics include Monte Carlo techniques, sampling from and identifying stochastic distributions, estimating performance measures from simulation outputs, validation methods, and SIMIO simulation language. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 560. Probability and Statistics for Engineers** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 102.

**Description:** Engineering applications using probability, random variables, distribution functions, confidence intervals, estimation and hypothesis testing.

**Note:** Students cannot receive credit for both IE 360 and IE 560.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 561. Developing Decision Support Systems with Excel** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** IE 250.

**Description:** This course teaches the fundamentals of computer programming using Excel's macro language, Visual Basic for Applications (VBA), as the language of instruction. The course starts by teaching students to simplify and extend code generated by Excel's macro recorder and then builds on that base toward developing applications that analyze information and enhance decision making. This course also provides an introduction to the concepts and methods of Decision Science, which involves the application of mathematical modeling and analysis to management problems. It also provides a foundation for modeling with VBA in Excel.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 563. Experimental Design in Engineering** **3 Units**  
**Term Typically Offered:** Spring, Summer  
**Prerequisite(s):** IE 360.

**Description:** Design of engineering experiments and projects using theory of least squares, analysis of variance, randomized blocks, factorial experiments, nested designs, split plot designs and logistic regression techniques. Covers a combination of analysis by hand and using Minitab statistical software.

**Note:** Students may not obtain credit for both IE 563 and Me 611; or for IE 563 and EM 661.

**Note:** Cross-listed with CSE 563.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 580. Introduction to Human Factors Engineering and Ergonomics**

**3 Units**

**Term Typically Offered:** Fall Only

**Description:** The main goal of this course is to introduce students to the study of human cognitive and physical abilities and limitations, and application of that knowledge to engineering design. This course will demonstrate how the application of the human factors and ergonomics principles can improve the design of systems involving the interaction of humans with tools, technology, and the work environment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 581. Advanced Topics in Human Factors Engineering**

**3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** IE 580.

**Description:** The main goal of this course is to learn and apply advanced methods in human factors engineering, as well as newer models, theories, and frameworks related to the field.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 585. Usability Engineering**

**3 Units**

**Term Typically Offered:** Spring Only

**Description:** This course exposes students to the constructs of usability, usefulness, user-centered design, and user-experience (UX) and their relation to engineering design. The course covers an interactive evaluation-centered user experience (UX) lifecycle as a template intended to be instantiated in many different ways to match the constraints of a particular development project. The UX lifecycle, sketching, conceptual design, and formative UX evaluation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**IE 590. Special Topics in Industrial Engineering**

**1-6 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A theoretical and/or experimental investigation of an industrial engineering design topic.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Interpreter Training (ITP)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**ITP 104. Special Education Introduction**

**3 Units**

**Description:** Complete overview of major categories of exceptionalities and special education. Observations of special education services. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITP 115. Heritage & Culture of the Deaf - D1, SB**

**3 Units**

**Term Typically Offered:** Fall Only

**Fee:** An additional \$15.00 is charged for this course.

**Description:** This course provides students with an overview of the psychological, sociological, and cultural impacts of deafness upon children and adults. Learners will explore how deafness can affect an individual's linguistic and cognitive development, psychological-emotional growth, access to communication, and life opportunities. The course also examines historical relations between Deaf and hearing people and compares Deaf culture to that of the hearing community. **Note:** This course is required for admission into the American Sign Language Interpreting Studies BS Program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITP 210. Application of Fingerspelling and Number Systems**

**3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ASL 102 with a minimum grade of C, or permission of instructor.

**Description:** The course will focus on aspects of receptive and expressive fingerspelling usage, including lexicalized fingerspelling and various numbering systems within ASL. Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITP 215. Professional Ethics and Issues in Interpreting**

**3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ASL 201 and ITP 115, both with a minimum grade of C or permission of instructor.

**Description:** Terminology, procedures and ethical/professional considerations relevant to interpreting/transliterating. Topics include the Registry of Interpreters for the Deaf Code of Professional conduct application, structuring the interpreting environment, communication assessment, human relations skills, historical developments, and current trends.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ITP 220. Processing Skills for Interpreters</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Spring Only</p> <p><b>Prerequisite(s):</b> ASL 201 or ASL 205.</p> <p><b>Fee:</b> An additional \$15.00 is charged for this course.</p> <p><b>Description:</b> This course uses a process-oriented approach for applying the essential cognitive strategies to interpretation. These strategies include readily retrieving lexical items, organizing and manipulating visual images, analyzing message for meaning, and self-monitoring for message accuracy. The course serves as a transition from language learning to simultaneous manipulation of ASL and English for the purpose of interpreting and transliterating. Clinical hours required.</p> <p><b>Note:</b> Admittance to the ASLIS major depends on a passing score on the screening exam at the end of this course.</p>	<p><b>ITP 313. Special Topics in Interpreting</b> <b>1-3 Units</b></p> <p><b>Prerequisite(s):</b> Permission of instructor.</p> <p><b>Description:</b> Presentation of course material of a timely, specialized, or topical nature. Specific course orientation will appear beside title. May be retaken to a maximum of six hours if subject matter is different each time.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>ITP 225. Introduction to Interpreting</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Spring Only</p> <p><b>Description:</b> The course is designed to offer a framework for understanding the field of interpreting, including: the role of the interpreter in various settings, the interpreting process, physical factors, language variations, and the Code of Professional Conduct, as well as current trends in the interpreting field.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 320. English to ASL Interpreting I</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Fall Only</p> <p><b>Prerequisite(s):</b> ASL 202, ITP 115, ITP 215, and ITP 220, all with a minimum grade of C, or permission of instructor; admission in the ITP program.</p> <p><b>Fee:</b> An additional \$15.00 is charged for this course.</p> <p><b>Description:</b> Development of English to ASL interpreting skills progressing from consecutive to simultaneous interpreting in a variety of settings. Clinical hours required.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ITP 230. Language and Interpreting Studies</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Occasionally Offered</p> <p><b>Description:</b> The practical and theoretical applications of interpreting are discussed to develop sign language interpreting skill-sats. Methods for creating interpretations to ASL and to English are demonstrated. Approaches for evaluating interpretations are included. Students will work in small groups and individually to prepare interpretations.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 325. ASL to English Interpreting I</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Fall Only</p> <p><b>Prerequisite(s):</b> ASL 202, ITP 115, ITP 215, and ITP 220, all with a minimum grade of C or permission of instructor; admission in the ITP program.</p> <p><b>Fee:</b> An additional \$15.00 is charged for this course.</p> <p><b>Description:</b> Development of ASL to English interpreting/transliterating skills progressing from consecutive to simultaneous interpreting/transliterating in a variety of settings. Clinical hours required.</p> <p><b>Note:</b> Formerly ITP 230.</p>
<p><b>ITP 310. Multiculturalism and Interpreting</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Fall Only</p> <p><b>Description:</b> Prerequisite; ENGL 101 Through exploration of interpersonal skills that interpreters must possess as service professionals while on the job and engaged with diverse populations, the notions of oppression, activism, advocacy, and bias will be explored. The focus will be on specific vocabulary and issues related to social justice such as gender, sexual orientation, race, religion, ability, and class. Students engage in individual and group community service projects to enhance their understanding of the course topics.</p> <p><b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>ITP 337. Education of the Deaf and Hard of Hearing</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Spring Only</p> <p><b>Fee:</b> An additional \$15.00 is charged for this course.</p> <p><b>Description:</b> Study of personality, intellectual, and emotional development of deaf and hard of hearing people. Emphasis on social maturity, motor functioning, multiple disabilities and the significant history of educational programs at all levels.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 350. Historical Perspectives on the Deaf Community - WR</b> <b>3 Units</b></p> <p><b>Term Typically Offered:</b> Fall Only</p> <p><b>Prerequisite(s):</b> ENGL 102.</p> <p><b>Fee:</b> An additional \$15.00 is charged for this course.</p> <p><b>Description:</b> The course primarily examines the deaf community and its historical events. The course is organized to focus on the historical, sociopolitical, sociolinguistic and psychosocial forces that influence deaf people's experience in both the United States and other countries.</p> <p><b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p>
	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>ITP 370. Interpreting in Specialized Settings I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ITP 320 with a minimum grade of C, or instructor approval, and good standing in ASLIS Program.  <b>Description:</b> This course provides an overview of a variety of interpreted settings such as: community-based, VRS, platform, Vocational Rehabilitation, business, etc. Students will identify features that occur with in various settings utilizing different theoretical frameworks, including the 11Ps and Demand-Control Schema. In addition to setting analysis and discussion of key features, students will learn and apply specialized vocabulary and concepts for each setting through interpreted assignments and role-playing situations.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 435. Educational Interpreting</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ITP 320 and ASL 301 w/minimum grade of B, or permission of the instructor, and good standing in the ASLIS Program.  <b>Description:</b> This course is designed to give students an understanding of the legislation impacting the education of deaf children, factors impacting a deaf child's development, and the ability to identify and develop the skills and knowledge necessary to interpret for a heterogeneous school-aged Deaf population. Additional focus will include factors, including roles and responsibilities, impacting the interpreting process. Current trends and best practices in educational interpreting will be explored and discussed.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ITP 390. Linguistics and American Sign Language I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Corequisite(s):</b> ASL 201 or ASL 205.  <b>Description:</b> Overview of linguistics: phonology; morphology and language change in a variety of languages and American Sign Language. Analysis of ASL and spoken languages. Clinical hours required.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 440. Advanced Simultaneous Interpretation</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ITP 420; admission to ASLIS major and good standing in the program.  <b>Description:</b> ITP 440 is designed to provide advanced strategies to deal with interpretation of English to ASL. Strategies include: interactive discourse features of conversations, explanation, interviews, discussions, and other types of dialogue genres. Course topics include effort in interpretation, restructuring, coping skills, simultaneity, and repair strategies.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ITP 420. English to ASL Interpreting II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> ASL 302, ITP 320, and ITP 325, all with a minimum grade of C or permission of instructor; admission to ITP program.  <b>Fee:</b> An additional \$15.00 is charged for this course.  <b>Description:</b> Development of English to ASL transliterating skills and continued development of English to ASL interpreting skills used in a variety of settings. Introduction to English sign systems. Clinical hours required.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 445. Interpreting in Healthcare Settings</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ITP 370 with a minimum grade of B, or instructor approval; good standing in the ASLIS Program.  <b>Description:</b> This course is designed to give students an understanding of sign language interpreting in various medical settings and its impact on the interpreting process. Healthcare settings such as hospitals, outpatient clinics, physician's offices, pharmacies, emergency services, mental health and in-patient treatment settings will be discussed. Additional topics such as specialized terminology, logistical and interpersonal considerations, understanding patient history, physical examinations, prescriptions, common forms and procedures, and various specialized settings within the medical setting will be explored.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ITP 425. ASL to English Interpreting II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ASL 302, ITP 320, and ITP 325, all with a minimum grade of C or permission of instructor; admission to ITP program.  <b>Fee:</b> An additional \$15.00 is charged for this course.  <b>Description:</b> Continued development of ASL to English interpreting/transliterating skills in a variety of settings. Clinical hours required.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ITP 470. Practicum in Interpreting I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ITP 490; admission to ASLIS major and good standing in the program.  <b>Description:</b> Observation and interpreting experience under the supervision of a mentor(s) in a variety of settings. Clinical hours required.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ITP 430. Interpreting in Specialized Settings II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ITP 320 or equivalent; admission to ASLIS major and good standing in the program.  <b>Description:</b> This course will provide interpreting majors with the development of ASL skills to increase ASL/English interpreting proficiency in a variety of settings. Curriculum also focuses on the development of skills needed to identify or clarify issues regarding interpreters' decisions; to review various decision-making processes; to map roles and responsibilities; and to resolve conflicts or strategize solutions. Clinical hours required.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**ITP 490. Linguistics and ASL II 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ITP 390; admission to ASLIS major and good standing in the program.

**Description:** Overview of syntax, discourse, and sociolinguistics. Analysis of American Sign Language and spoken English. Clinical hours required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITP 495. Practicum in Interpreting II - CUE 10 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ITP 490; admission to ASLIS major and good standing in program.

**Description:** The Practicum course is designed to expose students to their professional role through internship in the field. This practicum experience provides students the opportunity to apply and integrate knowledge acquired through coursework. In clarifying and broadening career goals, the practicum assists students in discovering, developing, and refining necessary competencies and skills for their proposed career objectives.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Italian (ITAL)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**ITAL 121. Basic Italian I 4 Units**

**Term Typically Offered:** Fall, Spring

**Description:** For beginners. Basic grammar with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 122. Basic Italian II 4 Units**

**Term Typically Offered:** Spring Only

**Description:** For beginners. Basic grammar with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 123. Basic Italian III 4 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** ITAL 122.

**Description:** Review of grammar. Practice of the language through oral and written exercises. Readings from representative literature or from cultural selections.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 321. Italian Conversation 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.

**Description:** Intensive practice in oral Italian; use of background information on Italy as a point of departure; compositions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 322. Italian Composition 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ITAL 202 or ITAL 123.

**Description:** Grammar and idiom review; conversation based on cultural material; compositions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 325. Literature of the Seventeenth and Eighteenth Centuries 3 Units**

**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.

**Description:** Reading of important literary works with textual and cultural elucidation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 326. Literature of the Seventeenth and Eighteenth Centuries 3 Units**

**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.

**Description:** Reading of important literary works with textual and cultural elucidation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 331. Italian Culture and Civilization 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.

**Description:** An overview of Italian culture and civilization from ancient Rome to the present, with both historical perspective and contemporary considerations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 355. Introduction to the Study of Italian Literature 3 Units**

**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.  
**Description:** Appreciation of Italian literary genres, with development of reading and writing skills, and acquisition of critical vocabulary. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 441. Literature of the Nineteenth and Twentieth Centuries 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.  
**Description:** Reading of important literary works with textual and cultural elucidation. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 442. Literature of the Nineteenth and Twentieth Centuries 3 Units**

**Prerequisite(s):** ITAL 202, ITAL 123, or equivalent.  
**Description:** Reading of important literary works with textual and cultural elucidation. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 451. Independent Study 1-3 Units**

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**ITAL 452. Independent Study 1-3 Units**

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Japanese Language (JAPN)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**JAPN 101. Basic Japanese I 3 Units**

**Term Typically Offered:** Fall Only  
**Description:** For beginners. Development of four language skills: understanding, speaking, reading and writing. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 102. Basic Japanese II 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** JAPN 101 or permission of instructor.  
**Description:** For beginners. Development of four language skills: understanding, speaking, reading and writing. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 200. Study Abroad 1-15 Units**

**Description:** Participation in a University of Louisville study abroad program or another program with prior approval of the Department. Credit is awarded with proof of successful completion. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 201. Intermediate Japanese I 3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** JAPN 102 or permission of instructor.  
**Description:** Designed to strengthen language skills of speaking, understanding, reading and writing. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 202. Intermediate Japanese II 3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** JAPN 201 or permission of instructor.  
**Description:** Designed to strengthen language skills of speaking, understanding, reading and writing. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 300. Study Abroad 1-15 Units**

**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 301. Advanced Japanese I 3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** JAPN 202 or equivalent, or permission of instructor.  
**Description:** Development of speaking, reading, listening and writing skills in Japanese. Intense vocabulary practice. Introduction to Japanese culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 302. Advanced Japanese II** 3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** JAPN 301 or equivalent; or permission of instructor.

**Description:** Continued development of speaking, reading, listening and writing skills in Japanese. Intense vocabulary practice. Introduction of Japanese culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 313. Special Topics in Japanese Literature, Language, and Culture** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** JAPN 102 Study of an aspect of Japanese Literature, culture and/or language.

**Description:**

**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 321. Japanese Conversation** 3 Units

**Prerequisite(s):** JAPN 202.

**Description:** Focus is on speaking and listening in everyday communication.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 322. Japanese Composition I** 3 Units

**Prerequisite(s):** JAPN 321.

**Description:** To increase Japanese language proficiency in writing through activities which would create new ideas, new vocabulary and grammar.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 323. Japanese Composition II** 3 Units

**Prerequisite(s):** JAPN 322.

**Description:** The focus is on writing essays using transition devices and complex sentences with a more advanced level of grammar and idiomatic expressions than Composition 1.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 331. Introduction to Japanese Culture** 3 Units

**Prerequisite(s):** JAPN 302 or instructor's permission.

**Description:** Survey of Japanese culture and society. Students will be exposed to readings and conversations about Japanese history and geography, past and contemporary cultural and societal mores, individual and collective social roles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JAPN 355. Reading Japanese Texts** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** JAPN 202 Reading, writing and translation of Japanese texts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Japanese Studies (JPST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**JPST 310. Japanese Culture Through Film - D2, AH** 3 Units

**Term Typically Offered:** Spring Only

**Description:** The course will examine, through specifically selected films, social, cultural, and political aspects of contemporary Japanese society.

**Note:** Cross-listed with M L 310.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JPST 311. Contemporary Japanese Culture - SB, D2** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** An introduction to contemporary Japanese culture through an exploration of various socio-cultural aspects, such as school structure, familial roles, religiosity, and literature.

**Note:** Cross-listed with M L 311.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JPST 312. Japanese Popular Culture - D2, AH** 3 Units

**Term Typically Offered:** Fall Only

**Description:** This course is an introduction to modern and contemporary Japanese pop culture.

**Note:** Cross-listed with M L 312.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**JPST 313. Special Topics in Japanese Studies** 3 Units

**Term Typically Offered:** Fall Odd Years

**Description:** Selected topics in Japanese studies.

**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Justice Administration (JA)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any

given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### JA 383. Police Leadership Development

1-6 Units

**Prerequisite(s):** Consent of department chair.

**Description:** Overview of issues related to the understanding of organization, administration, management roles, and operation of the modern law enforcement agency. A specific analysis of the law enforcement executive's role in contemporary society.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Latin (LAT)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### LAT 101. Elementary Latin I

3 Units

**Term Typically Offered:** Fall Only

**Description:** The elements of Latin.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 102. Elementary Latin II

3 Units

**Term Typically Offered:** Spring Only

**Description:** The elements of Latin.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 201. Intermediate Latin I

3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** LAT 102 or at least two years of high school Latin.

**Description:** First semester is a review of grammar with readings in Latin prose.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 202. Intermediate Latin II

3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** LAT 201 or equivalent.

**Description:** Readings in Virgil's Aeneid.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 301. Selected Readings

3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** LAT 202 or consent of instructor.

**Description:** Survey of classic Latin literature.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 302. Selected Readings II

3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** LAT 202 or consent of instructor.

**Description:** Survey of classic Latin literature.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 303. Latin Prose Composition

3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** LAT 202 or consent of instructor.

**Description:** Study of Latin idiom and style; practice in translation from English to Latin.

**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 401. Readings in Latin Prose

3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** LAT 302 or consent of instructor.

**Description:** Selections from Livy and Tacitus, Sallust and other major Latin prose authors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LAT 402. Readings in Latin Poetry

3 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** LAT 302 or consent of instructor.

**Description:** Selections from Vergil, Ovid, Catullus and other major Latin poets.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LAT 501. Special Topics in Classical Latin Prose** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** LAT 402 or consent of instructor.  
**Description:** In-depth translation and analysis of select Classical Latin prose authors and works with special attention given to current scholarship and research.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LAT 502. Special Topics in Latin Poetry** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** LAT 402 or consent of instructor.  
**Description:** In-depth translation and analysis of select Classical Latin poets and poetic works with special attention given to current scholarship and research.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LAT 551. Introduction to Medieval Latin** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** LAT 202 or consent of instructor.  
**Description:** An introduction to post-Classical Latin and its literature designed to assist students with a background in Classical Latin make the transition to Medieval Latin studies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LAT 552. Readings in Medieval Latin** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** LAT 202 or consent of instructor.  
**Description:** Topics to be indicated in Schedule of Courses.  
**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Latin American and Latino Studies (LALS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**LALS 200. Exploring Latin America - D2, AH** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Exploring Latin America will allow students to develop a general appreciation and understanding of a specific region of Latin America, such as the Caribbean, the Andean region, the Southern Cone, Brazil, Central America, and Mexico. Students will consider issues related to culture and ethnicity through exploration of texts and literature examined within historical, political, and social contexts. Students will learn to recognize the rich cultural diversity of Latin America and the impact of cultural diversity on societal issues.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 310. Introduction to Latin American Studies - SB, D2** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** An interdisciplinary overview of Latin American Studies, including geography and history; social, political and economic systems; literature, culture and global issues.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 311. Introduction to Latino Studies - SB, D1** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** An interdisciplinary introduction to the experience and condition of Latinos in the United States.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 313. Panamanian Culture - SB, D2** 3 Units  
**Term Typically Offered:** Summer Only  
**Description:** This course provides students with an overview of Panamanian history and culture and is offered annually through the LALS Study Abroad Program in Panama.  
**Note:** Formerly LAS 313.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 317. Social Sciences Special Topics in Latino Studies** 3 Units  
**Description:** This course offers a historical overview of the rich cultural diversity of Latinos in the United States. It focuses on issues such as race and ethnicity, politics, social class, economics, and immigration, as well as contributions in the arts and literature.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 320. Special Topics in Latin American and Latino Studies-Humanities** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course offers a historical overview of the rich cultural diversity of Latin America. It focuses on issues such as race and ethnicity, politics, social class, and economics, as well as contributions in the arts and literature.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 321. Social Science Special Topics in Latin American Studies****3 Units****Term Typically Offered:** Fall, Spring

**Description:** This course offers a historical overview of the rich cultural diversity of Latin America. It focuses on issues such as race and ethnicity, politics, social class, and economics, as well as contributions in the arts and literature.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 400. Latin American and Latino Studies Internship - WR, CUE****3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Senior status.

**Description:** The LALS Internship is a culminating undergraduate experience for seniors that requires them to apply the knowledge gained in coursework on Latin American cultures and issues concerning Latinos in the United States, and utilize Spanish linguistic skills while volunteering a minimum of 80 hours of documented work for an organization that serves the Hispanic community.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LALS 510. Urbanism in the Global South: Cities and Space** **3 Units**

**Description:** This course is a reading-based seminar. We learn about the processes and practices within the Latin American and African city from spatial, cultural, economic and political perspective.

**Note:** Cross-listed with GEOG 510 and UPA 652.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Liberal Studies (LBST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific

fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**LBST 300. Forms of Interdisciplinary Inquiry****3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Junior standing.

**Description:** Introduction to interdisciplinary and multidisciplinary inquiry, analysis, and methods.

**Note:** It is recommended that students concurrently enroll in the Liberal Studies section of ENGL 309.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LBST 400. Cooperative Internship in Liberal Studies****1-6 Units****Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Minimum of 60 credit hours completed, and minimum 2.5 GPA, and completed "Application for Enrollment" form from Liberal Studies program advisor.

**Description:** An assignment with an institution, agency, or business in a job related to the student's academic program.

**Note:** See regulations regarding Cooperative Internships in the Arts and Sciences section of the Undergraduate Catalog.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LBST 401. Senior Capstone Project - CUE****1 Unit****Term Typically Offered:** Fall, Spring**Prerequisite(s):** LBST 300.

**Description:** Preparation and oral presentation of a summary of the elements of the student's individualized program of study, illustrating how the various fields that formed the student's self-designed interdisciplinary coursework have combined to create a curriculum aimed at the student's own professional goals or specific area of intellectual interest.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LBST 500. Senior Proseminar****3 Units****Prerequisite(s):** LBST 300.

**Description:** Seniors in the Liberal Studies program present the results of their research and independent study to other majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Linguistics (LING)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### LING 325. Introduction to Linguistics 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** ENGL 102 or ENGL 105.

**Description:** Introduction to the basic assumptions, methods and concepts of studying language, focusing on the way language influences human experience and the organization of human behavior. Examines the nature, structure and use of language; may apply as elective in either Social Sciences or Humanities, meeting divisional or out-of-divisional requirements.

**Note:** Students with credit for LING 518/ENGL 518 may not take this course.

**Note:** Cross-listed with ENGL 325.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 327. Languages of the World - D2, AH 3 Units

**Term Typically Offered:** Spring Only

**Description:** A comparative survey of languages from three contemporary critical perspectives: 1) Language families, 2) Language areas, 3) Language types. Focus will be on language relationships, similarities and differences.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 328. Language Acquisition 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** LING 325 (or concurrently) or ENGL 325 (or concurrently).

**Description:** Drawing upon readings from psychology, anthropology, linguistics, and education, this course will explore aspects of both native and non-native language acquisition and development.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 330. Language and Culture - D1, AH 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An ethnographic perspective to the study of language, investigating how it is used to create and maintain social institutions and rituals, and how it is differentiated across genders and ethnicities.

**Note:** Cross-listed with ANTH 343 and ENGL 330.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 341. Philosophy of Language - WR 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** LING 325 or equivalent, or consent of instructor.

**Description:** Philosophical problems concerning language, such as meaning, use reference, private language, and their interrelation. (Humanities)

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Cross-listed with PHIL 341.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 390. Special Topics in Language 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Investigation of selected areas of the study of language from an interdisciplinary perspective. (Humanities or Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 490. Independent Study 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** LING 325 or equivalent, and 9 additional semester hours in linguistics courses; minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in linguistics courses.

**Description:** Guided independent study of topic in current linguistic theory or practice. Approval of Independent Study Proposal required before a student is permitted to register for this course. Contact Chair of Humanities.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 503. Syntax 3 Units

**Term Typically Offered:** Fall Even Years

**Prerequisite(s):** LING 325 or ENGL 325 or equivalent; Junior standing.

**Description:** Critical review of recent and current theoretical approaches to syntax and morphosyntax. Focus on cross-linguistic phenomena in sentence formation and in the signaling of grammatical relations in sentences.

**Note:** Cross-listed with LING 603.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### LING 506. Historical and Comparative Linguistics 3 Units

**Term Typically Offered:** Spring Odd Years

**Prerequisite(s):** LING 325 or ENGL 325 or equivalent; Junior standing.

**Description:** A historical study of phonological, morphological, and semantic changes in language through the comparative method and internal reconstruction; recent trends in diachronic linguistics.

**Note:** Cross-listed with LING 606.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- LING 507. Morphology** 3 Units  
**Term Typically Offered:** Spring Even Years  
**Prerequisite(s):** LING 325 or ENGL 325 or equivalent.  
**Description:** In Linguistics, Morphology focuses on the ways that words are related to meaning or grammatical function may also show similarities in their form. These similarities are seen especially in how the parts of words are put together (roots, prefixes, suffixes), but Morphology also considers many other marking systems found across the world's languages.  
**Note:** Cross-listed with LING 607.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 510. Phonetics and Phonology** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Prerequisite(s):** LING 325 or ENGL 325 or equivalent; Junior standing.  
**Description:** An introduction to phonetics and phonological theory; study of the nature and organizations of sound in language.  
**Note:** Cross-listed with LING 610.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 518. Foundations of Language** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** A survey of contemporary theories of language from structuralism to transformational grammar; and of the relationship of linguistics to literature, psychology, philosophy, reading, and sociology.  
**Note:** Students with credit for LING 325/ENGL 325 may not take this course.  
**Note:** Cross-listed with ENGL 518.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 520. World Englishes** 3 Units  
**Prerequisite(s):** (Undergraduates) LING 325 or ENGL 325; Junior standing.  
**Description:** Exploration of the historical, social, and political context of the various varieties of English throughout the world; standardization, pidgins, and creoles will be investigated.  
**Note:** Cross-listed with ENGL 520.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 521. Teaching Techniques in Foreign Languages** 3 Units  
**Prerequisite(s):** Current status as a foreign language teacher or consent of instructor.  
**Description:** Teaching methods in foreign languages. Recommended for those teaching or preparing to teach languages.  
**Note:** Cross-listed with M L 521.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 522. Structure of Modern English** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.  
**Description:** Examination of the structure of modern English language; emphasis on grammatical terminology and systems of classification. Students collect and analyze linguistic examples, spoken and written. Recommended for prospective English teachers.  
**Note:** Cross-listed with ENGL 522.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 523. History of the English Language** 3 Units  
**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.  
**Description:** The evolution of modern English in terms of social, historical, and linguistic forces which molded it. Emphases include: Indo-European origins, Germanic sources and Latin, French, and Danish influences; structural and lexical change; development of dialect differences; colonial spread of English; role of English in technology; emergence of World Englishes.  
**Note:** Cross-listed with ENGL 523.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 524. Psycholinguistics** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PSYC 307 or ENGL 325 or LING 325 or LING 518.  
**Description:** Psychological aspects of language and their significance for analysis and understanding of cognitive and social processes.  
**Note:** Cross-listed with PSYC 524.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- LING 525. The Teaching of English as a Second Language** 3 Units  
**Prerequisite(s):** ENGL 102 or ENGL 105; consent of instructor.  
**Description:** A theoretical and practical approach to teaching English to students for whom English is not a native language. The linguistic bases of English, as well as the application of curriculum principles, will be considered.  
**Note:** Cross-listed with ENGL 525.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LING 526. ESL Portfolio** **1 Unit**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Completion of all other ESL requirements, and consent of instructor.

**Description:** Assists teachers in submitting ESL portfolios for review in order to complete continuous assessment plan. Review takes place in the final phase of the course, of which self-assessment and peer assessment are components.

**Note:** Cross-listed with ENGL 526.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LING 535. Topics in Applied Linguistics** **3 Units**

**Prerequisite(s):** (Undergraduates) LING 325 or ENGL 325; Junior standing.

**Description:** This course will focus on one aspect of applied linguistics. Topics may include discourse analysis, ESL teaching, language change, gender and language, or other relevant topics in applied linguistics.

**Note:** May be repeated up to a maximum of three times on different topics.

**Note:** Cross-listed with ENGL 535.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LING 570. Language and Social Identity** **3 Units**

**Prerequisite(s):** Junior standing; LING 325 or ENGL 325 for undergraduates.

**Description:** An introduction to the social systems and language varieties found across societies. Additionally, students will objectively explore both linguistic and social norms.

**Note:** Cross-listed with ENGL 570.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**LING 590. Special Topics in Linguistics** **3 Units**

**Prerequisite(s):** Junior standing.

**Description:** Intensive investigation of selected topics in current linguistic theory or practice.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Management (MGMT)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that

they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**MGMT 101. Introduction to Business** **3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to the Business Essentials Minor Program.

**Description:** An introduction to the functional areas of business, including accounting, finance, marketing, operations, competitive strategy, and human resources. The course is designed to help you appreciate the interrelationship of these business functions and, more generally, the role and context of business in society. Other topics include: the economic and legal environment of business, the globalization of markets, workforce diversity, and entrepreneurship.

**Note:** The course is not open to College of Business students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MGMT 200. Elements of Management** **1.5 Units**

**Prerequisite(s):** Admission to the Business Essentials Minor Program; CIS 100 or CIS 250; MGMT 101.

**Description:** Introduction to four basic management functions: Planning, Organizing, Leading, and Controlling. Each of these functions will be discussed in the context of major ethical and environmental forces. At the conclusion of this course you will develop strategies for improving your skills and ability to manage people, projects, and processes.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MGMT 201. Business Statistics** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** An ACT score of 25 or higher in mathematics or completion of MATH 111.

**Description:** Data display techniques, such as frequency distributions and histograms. Descriptive statistics, including measures of center and spread, correlation, and least squares lines. Probability distributions, with emphasis on binomial, Poisson, and normal distributions. Inferential statistics, including confidence interval estimation, tests of significance, and process control charting. Students will learn to do statistical functions using Excel.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- MGMT 290. Managing A Diverse Workplace** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** This course will focus on developing the multi-cultural competence students need to lead effectively in the modern collaboration-powered workplace, one that is more diverse than ever before on various scopes. This course is designed to provide the tools for individuals entering the field of business with evidence-based insights, as well as proven individual, interpersonal, enterprise-level strategies to successfully tap into the power of diversity and inclusion in teams, organizations, markets, and societies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 300. Business Communications** 3 Units  
**Prerequisite(s):** ENGL 101 and ENGL 102.  
**Description:** Application of communication principles to current business situations. Emphasis on effective business writing and oral communications.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 301. Management and Organizational Behavior** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Restricted to College of Business majors and minors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Designed to provide students with the basic level of knowledge and skills in management and interpersonal processes necessary for more advanced business study and employment success.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 305. Human Resource Management** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Restricted to College of Business majors and minors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** The goal of the course is two-fold: to introduce students to the philosophy of the personnel function in business, and to develop understanding concerning application of the basic manpower management functions-employment training and education, labor relations, employee services, wage and salary analysis, and personnel research.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 306. Talent Management Skills** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MGMT 305; Restricted to College of Business majors and minors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course focuses on the specific skills necessary to assess, design, and continuously improve talent management programs. Students will learn skills in talent acquisition, talent development, and talent retention. Material spans the employee lifecycle from sourcing to recruitment to selection to on-boarding to performance management to training/development to exit interviews. Students will learn and apply skills through case studies, exercise, and in-class discussion to develop tangible competencies to contribute to talent management programs.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 310. Minorities, Managers and the Workplace** 3 Units  
**Prerequisite(s):** Sophomore standing.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** In this class the complex issues of diversity in the workplace will be considered from the perspective of the employee and the manager in the context of the basic managerial decision areas of the business organization.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 315. Collaboration: Theory and Skills** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MGMT 301; Restricted to College of Business majors and minors.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** In this course, students will learn theory and develop skills for collaborating across the wide range of circumstances they are likely to encounter in their careers. The three areas in the courses are team design and process, conflict management, and collaboration.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 320. Principles of Operations Management** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ACCT 201 and ACCT 202 or ACCT 203, BSTA 301, CIS 205, ECON 201, ECON 202, MGMT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to BBA students and Management Minors not majoring in the College of Business. This course covers the concepts of operations and supply chain management as applied to the design of processes used to create products and services, and the process improvement tools and techniques of lean, six sigma and the theory of constraints.e., hands-on) learning over quantitative approaches.  
**Note:** This course emphasizes more experiential (i.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 321. Office Procedures and Management** 3 Units  
**Prerequisite(s):** MGMT 301.  
**Description:** The study of efficient office procedures as well as the relationship of the office function to the business enterprise. Emphasis is placed on the design and management of office services.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 325. Professional Skills for Managers I** 2 Units  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** ACCT 201, ACCT 202; CIS 100 or CIS 250.  
**Description:** Management majors only. To be taken concurrently with MGMT 301. The components of a portfolio of professional skills are identified and integrated into a personal framework for development. Topics include, but are not limited to, career planning, oral and written communications, organizational skills, business etiquette, and time management.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MGMT 331. Labor Economics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ECON 201 and ECON 202.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> An examination of labor problems and their solutions by competitive market forces. Topics in labor economics include the nature of the labor force, its allocation and utilization, the structure and determination of wages, and unemployment.  <b>Note:</b> Cross-listed with ECON 331.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 397. Co-op in Management</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> MGMT 301, good academic standing and validation from the Ulmer Career Center.  <b>Description:</b> MGMT majors and MGMT minors only. A new workplace experience in an approved Management position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools.  <b>Note:</b> Application to the co-op program and completion of orientation processes should be completed prior to employment.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 332. Employment Law</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 305.  <b>Description:</b> A study of the legal and social aspects of employment law and the issues giving rise to this field of governmental activity. Emphasis will be placed upon the laws governing human resource management decisions. General areas of employment law to be addressed include: equal employment opportunity law, occupational safety and health, the regulation of union-management relationships, and areas of developing law in the employee rights arena.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 398. Co-op in Management II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> MGMT 301, good academic standing and validation from the Ulmer Career Center.  <b>Description:</b> MGMT majors or minors only. A new or continued workplace experience in an approved Management position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 350. Statistical Inference and Forecasting</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 201.  <b>Description:</b> A continuation of MGMT 201 including simple and multiple regression and correlation, non-parametric statistics, time series analysis, analysis of variance, and special topics.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 399. Co-op in Management III</b> <span style="float: right;"><b>3 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> MGMT 301, good academic standing and validation from the Ulmer Career Center.  <b>Description:</b> MGMT majors or minors only. A new or continued workplace experience in an approved Management position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 358. Management Science</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 201.  <b>Description:</b> This course is designed to develop a basic understanding of the aims, methodology, and specific tools of operations research, with a strong application orientation in various functional areas.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 400. Design of Experiments</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 350.  <b>Description:</b> An advanced statistics course, including analysis of variance and experimental design with emphasis on business research. Covers randomized designs, multi-factor designs, latin squares, and analysis of covariance. Emphasis on interpretation of results.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 360. Managing the Multinational Enterprise</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 301.  <b>Description:</b> A study of selected management issues within an international context. Topics include the nature of international business, framework for international transactions, strategies, operational issues, and global negotiations.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

<p><b>MGMT 401. Operations Management</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ACCT 201; ACCT 202; ECON 201; ECON 202; BSTA 201 or BSTA 301 or equivalent and MGMT 301.  <b>Corequisite(s):</b> CIS 300 or CIS 305.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to COB BSBA, BSE, and ECON BA majors. This course presents topics related to the transformation of inputs into goods and/or services such as operations strategy, quality management, supply chain management, and enterprise resource planning. It covers quantitative models to solve various operational problems. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 407. Human Resource Development</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 305.  <b>Description:</b> The purpose of this course is to analyze employee training and development needs of profit and nonprofit organizations. Problems in assessing skills, developing apprenticeship and training programs, and assessing program effectiveness will be discussed. The design and implementation of training and development programs will be presented. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 402. Essentials of Organizational Behavior</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 301.  <b>Description:</b> A study of individual behavior in organizations. Factors influencing behavior at the individual, group, and organizational levels will be explored. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 409. Franchise HR &amp; Leading Teams</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Franchising continues to gain momentum as an avenue to own your own business with the support of an established brand. That support is limited when it comes to HR Infrastructures and how to lead your teams. That is due to laws that limit the franchisor's ability to provide direction in running the day-to-day operation (joint employer). This course will provide the basics of creating your own HR infrastructure including job descriptions, job roles, recruitment, selection, onboarding, and performance management. The course also provides strategies on how to lead franchise teams to high performance as well as retain the top talent. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 403. Total Quality Management</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MGMT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> An examination of the concepts and techniques of Total Quality Management (TQM) leading to continuous quality improvement of goods and services. Particular emphasis is placed on formulating quality objectives, understanding internal and external consumers, issues of group empowerment, the role of quality councils, the Baldrige Award and problem solving techniques. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 410. Franchising Fundamentals and Legal Issues</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MGMT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Franchising in the U.S. has become pervasive and affords an opportunity to be an entrepreneur with the safety net of an established brand. This course explores the basics of franchising from the franchisee point of view and provides a deep understanding of the requirements and opportunities regarding this growing industry. This course covers legal concepts that are fundamental to franchising, such as the application of trademark and trade secret principles to franchise relationships. Because franchising is a regulated form of business, students will study important regulatory laws: federal disclosure law, disclosure and relationships laws. Course will include application of contracts and tort principles to franchise disputes. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 404. Project Management</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> BSTA 201 or BSTA 301 or equivalent.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This course will describe the use of projects to support business objectives in modern organizations. Topics to be covered include the selection of projects, their initiation, implementation, control and termination. The roles of the project manager and project team members will be covered as well. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MGMT 413. Franchise Growth and Support</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> There are many opportunities to grow a franchise business as well as different avenues to growth. This course explores the types of growth available in franchising, financial considerations, and other variables that need to be considered. The second half of the course focuses on relationships with your franchisor, and what it takes to be successful in this industry. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MGMT 405. Process Measurement and Experimentation</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> MGMT 401.  <b>Description:</b> A study of statistical tools for measuring processes used in manufacturing and service organizations. Topics include quality function deployment, Taguchi experimental design, process mapping, and statistical process control. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

- MGMT 415. Simply Business Summer Management Program** 3-6 Units  
**Prerequisite(s):** Junior standing, minimum 2.5 GPA.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Course is designed for non-business majors to provide an understanding of business essentials including accounting, economics, information systems, finance, management, and marketing. Course is not open to business majors or minors. It does not substitute for MBA foundation courses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 420. Systems Development Projects** 3 Units  
**Description:** Systems Development Projects.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 421. Collective Bargaining** 3 Units  
**Prerequisite(s):** MGMT 305.  
**Description:** The primary purpose of this course is to provide the student with an understanding of the theories and practices of negotiating and administering collective bargaining agreements, emphasizing today's major problems and new trends. The course material includes the negotiation process, the subject matter of contracts, grievance procedures, and arbitration case work.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 425. Professional Skills for Managers II** 1 Unit  
**Grading Basis:** Pass/Fail  
**Prerequisite(s):** MGMT 325.  
**Description:** The students' portfolios of professional skills defined in MGMT 325 and developed throughout the management curriculum are assessed to identify personal strengths and weaknesses. Quality of the portfolio is of utmost importance. Any weaknesses which do not meet minimally acceptable levels must be corrected before graduation.  
**Note:** Must be taken in a student's final semester before graduation.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 430. Compensation** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MGMT 305.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. This course is designed to acquaint students with the process of designing and maintaining internally equitable, externally competitive, and rewarding compensation systems in the interest of attracting, retaining and motivating employees. Topics to be covered include: general compensation theory, pay as a motivator, the legal aspects of compensation, job analysis, job evaluation, pay structure determination, market surveys, setting pay levels, rewarding performances at all levels of the organization, and employee benefit plans.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 435. Business and Society** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Minimum of 12 semester hours chosen from FIN 301, MGMT 301, MKT 301, CIS 300, CLAW 301, or MGMT 401.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** This course investigates the appropriate role for companies in our society; personal vs. corporate values; corporate involvement in urban problems; prejudice and discrimination; rights and responsibilities of the business person.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 440. Small Business Counseling** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior standing and BUS 301, CLAW 301, MKT 301, MGMT 305, MGMT 315 and MGMT 404.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to MGMT majors and minors. Providing students an opportunity to work with a partner in addressing problems or needs of a small business (up to 150 employees), this course enables students to consult, counsel, and offer recommendations to the business owner. Students select the projects from a list provided and work together with the faculty member to create a course of action for the business to pursue.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MGMT 441. Business Strategy and Policy** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior standing and BUS 301, CLAW 301, MKT 301, MGMT 301, CIS 305, and (FIN 301 OR for BBAs, FIN 302).  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. The study of the interdisciplinary nature of upper level management decision-making. Comprehensive cases and/or computer simulations are used to familiarize students with the analysis of industry trends, internal operations, and the external environment under conditions of uncertainty. Domestic and international dimensions of strategy formulation and execution are examined.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MGMT 442. Community Outreach & Consulting - CUE** 3 Units**Term Typically Offered:** Fall Only**Prerequisite(s):** Senior standing and BUS 301, CLAW 301, MKT 301, FIN 301, CIS 305, MGMT 301, MGMT 305, MGMT 315, & MGMT 404.**Description:** Restricted to MGMT majors and minors. This course will match students with a Louisville Metro area not-for-profit organization to engage in volunteerism for the semester. Based on insights gleaned from engagement with the organization, students will propose and execute a project that will benefit the sponsoring organization. Students will utilize and further sharpen project management skills.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**MGMT 443. Strategic Management - CUE** 3 Units**Term Typically Offered:** Spring Only**Prerequisite(s):** FIN 302 (or FIN 301), MGMT 301, MKT 301, CIS 305, CLAW 301, MGMT 320 (or MGMT 401) and senior standing.**Description:** This course covers the strategic management process from the point of view of top corporate executives. Therefore, it examines the corporation as a whole as well as its relationships with the environment, competitors, customers, and providers of critical resources. A wealth of new research has emerged in recent years. Briefly, this new research has focused on the resource-based view theory of the firm, competitive dynamics, acquisition and restructuring, and corporate governance. The role of innovation in corporations has also assumed a preeminent position in many streams of research. A major premise of this course is that understanding the factors that impact organizational success and survival will enable you as a potential corporate manager to more intelligently formulate and implement future strategies.**Note:** Restricted to College of Business BBA majors only.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**MGMT 458. Management Decision Making** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** MGMT 201.**Fee:** An additional \$45.00 is charged for this course.**Description:** This course explores a number of theories, approaches and methods of management decision making. Overviews of both quantitative and non-quantitative methods will be provided with emphasis on selected methods.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**MGMT 459. Managerial Analytics** 3 Units**Term Typically Offered:** Spring Only**Prerequisite(s):** BSTA 301 (or BSTA 201, MATH 109, PSYC 301, SOC 301, CJ 326, MGMT 201 or equivalent), CIS 205, AND CIS 305.**Fee:** An additional \$45.00 is charged for this course.**Description:** Restricted to College of Business MGMT majors and minors. This course will cover tools and techniques of data analysis for making better managerial decisions regarding people, processes, and resources. Students will learn how to apply data mining, text analysis, and visual analysis tools and solve business problems. Students will present data-based analyses clearly and persuasively in order to gain support from stakeholders.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**MGMT 460. Images of Leadership** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** MGMT 301.**Fee:** An additional \$45.00 is charged for this course.**Description:** This course integrates the theories of leadership with the practice of leading high-performing systems. Through exposure to different perspectives of leadership, as well as case studies of several different leaders, students are shown that leaders look and behave differently. There is not simply a single set of behavior patterns that all leaders follow. On the other hand, leadership is shown to be consistent from leader to leader.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**MGMT 477. Theory of Constraints** 3 Units**Prerequisite(s):** MGMT 401.**Description:** This course presents the Theory of Constraints (TOC) and the TOC thinking processes. The goal of an organization is discussed followed by throughput accounting and the use of the "five focusing steps" to identify and manage constraints to organization performance. Students will also learn the thinking processes, a set of powerful tools they will use to 1) identify core problems that prevent organizational improvement, 2) develop breakthrough solutions to those problems, 3) break down the obstacles to change, 4) cause change to occur in the organization, and 5) achieve buy-in across organizational functions. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**MGMT 490. Special Topics in Management** 3 Units**Term Typically Offered:** Fall, Spring**Prerequisite(s):** Restricted to College of Business majors and minors.**Fee:** An additional \$45.00 is charged for this course.**Description:** A variety of contemporary topics in management will be studied. Course content may vary but will not duplicate other course offerings.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MGMT 499. Independent Study in Management 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Fee:** An additional \$45.00 is charged for this course.

**Description:** Written proposal must be sponsored by at least one faculty member and approved by the Department Chair.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MGMT 500. Introduction to Administrative and Organizational Behavior. 3 Units**

**Description:** Introduction to administrative and organizational behavior.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Marketing (MKT)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**MKT 200. Elements of Marketing 1.5 Units**

**Prerequisite(s):** Admission to the Business Essentials minor program; CIS 100 or CIS 250; MGMT 101.

**Description:** An introduction to the basic elements of marketing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MKT 202. Design Thinking for Creative Problem Solving - SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** This course covers design thinking as an approach that employs creative problem solving in order to develop viable solutions to "wicked" social, public policy, and/or business problems. Students will develop agile, critical thinking skills useful in understanding and developing creative solutions to such problems.

**Note:** Cross-listed with BUS 202.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MKT 301. Principles of Marketing 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ECON 201 and ECON 202.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Restricted to College of Business majors and MKT minors.

A study of the behavioral, functional, societal, international, and institutional foundations of marketing, as well as the following marketing mix variables: product, price, promotion, and channels of distribution.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MKT 310. Interactive Retailing 3 Units**

**Prerequisite(s):** MKT 301.

**Description:** Restricted to College of Business majors and minors. An introduction to managerial aspects of storefront and electronic retailing with an emphasis on decision-making processes by both retail managers and consumers.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MKT 311. Supply Chain Management 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** MKT 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Restricted to College of Business majors and minors. To provide an introduction to supply chain management and to develop an understanding about how firms integrate activities through improved processes and relationships to achieve and maintain a competitive edge.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MKT 320. Retail Management 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** MKT 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Restricted to College of Business majors and minors. This course will cover the fundamentals of retail strategy and management. Topics such as the retail environment, retail market strategy, financial strategy, merchandise management, and store management will be covered. Use of technology in retailing, social responsibility issues, and globalization in the retail industry will be discussed where appropriate. This course will be a useful elective for anyone planning to work in the retail industry.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MKT 341. Promotion and Brand Management 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** MKT 301.

**Fee:** An additional \$45.00 is charged for this course.

**Description:** Restricted to College of Business majors and minors.

This course examines the creation and promotion of a brand. Topics include brand identity and brand management strategy, and in particular how brand identity must be managed to positively affect a company's performance.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MKT 342. Social Media I</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. This course focuses on the use of social media in marketing management and will emphasize the strategic applications of these new technologies rather than the individual social media tools. The course adopts a non-traditional format and, as such, incorporates a variety of pedagogical resources. Class lectures will be supplemented by presentations from social media field experts; online conversations with authors; and six in-class real-time case analyses of prominent local organizations. The highly interactive student centric learning approach will incorporate module presentations given by students. The course will be fast-paced, and students will work individually to complete course assignments. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MKT 352. Social Media II</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. This course addresses the role of social media in the marketing mix. Students will gain a working knowledge of various social media venues by working with real world organizations, and an understanding of how these venues can be used to achieve marketing and promotional objectives in a for-profit and/or nonprofit organizational environment. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MKT 345. Direct Marketing</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. This course will examine the concepts, strategies, and applications involved in Direct Marketing. Topics include the scope of direct marketing, strategic planning, offer planning and positioning, direct mail, telemarketing, catalogs, and direct response advertising. Marketing applications of concepts will be illustrated through examples and case studies. Social, ethical, and international aspects of direct marketing will be discussed under various topics when relevant. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MKT 360. Professional Relationship Selling</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. This course focuses on the knowledge, skills, and processes required for effective professional relationship selling. Topics covered include understanding organizational purchasing, building trust, communicating effectively, and self leadership. Processes for initiating, developing, and expanding customer relationships are also examined. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MKT 349. Business to Business Marketing</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. A study of the marketing of goods and services to other organizations. Special attention is devoted to the discovery of industrial market needs and their translation into products and services, and development of the industrial marketing mix and its appropriate management. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MKT 370. Global Marketing</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. Emphasizes the formulation of marketing strategies in light of global threats and opportunities. Examines the importance of economic, cultural, political, and technical factors in the international marketing management process. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MKT 350. Consumer Behavior</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. A study of the factors and principles that govern the behavior and decision-making patterns of consumers in the marketplace. Theories from economics, psychology, social psychology, and cultural anthropology are used to enhance our understanding of the consumer. Includes cross-cultural aspects of behavior relevant to international settings. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MKT 375. Graphic Design for Business</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301; BSBA Marketing majors only.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> This course provides an understanding of major graphic design software applications while imparting general principles of design and its relationship to marketing. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MKT 380. Services Marketing</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. The course focuses on service organizations where the product is not tangible. Topics include understanding and managing the service encounter, service quality, demand balancing, complaint handling, and service recovery. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MKT 380. Services Marketing</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MKT 301.  <b>Fee:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Restricted to College of Business majors and minors. The course focuses on service organizations where the product is not tangible. Topics include understanding and managing the service encounter, service quality, demand balancing, complaint handling, and service recovery. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

- MKT 385. New Product Development Strategy** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. This course deals with new products tools and concepts that are applicable in a variety of settings: consumer goods, business-business goods, services, and high-technology goods. Concentration will be on consumer goods, mainly packaged goods, durables and high-technology goods. Class discussions will cover a wide range of issues such as market definition, idea and concept generation and evaluation, product design and positioning, test marketing and product launch.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 390. Franchising** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. This course deals with the important aspects of starting and managing a franchise business either as a Franchisee or as a Franchisor. Specific attention is placed on the evaluation of franchising opportunities; legal aspects of franchising; the development of appropriate strategies for the successful planning, implementation and launching of a new franchised business.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 396. Zero-Credit Internship-Marketing** 0 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Co-Requisite MKT 301, good academic standing, approval through the Ulmer Career Center; BSBA Marketing majors only.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Application to the zero-credit internship program and completion of orientation processes should be accomplished prior to employment. Students must be Marketing majors. A new workplace experience in an approved Marketing position which offers progression of learning in a level appropriate opportunity for practical application of classroom theory and tools. This program is available to students who have received the maximum number of co-op credit hours for their major.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 397. Co-op in Marketing I** 1-3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301; good academic standing; approval through the Ulmer Career Center; BSBA Marketing majors only.  
**Description:** A new workplace experience in an approved Marketing position which offers a progression of learning in a level appropriate opportunity for practical application of classroom theory and tools.  
**Note:** Application to the co-op program and completion of orientation processes should be accomplished prior to employment.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 398. Co-op in Marketing II** 1-3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301; good academic standing; approval through the Ulmer Career Center; BSBA Marketing majors only.  
**Description:** A new or continued workplace experience in an approved Marketing position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 399. Co-op in Marketing III** 3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301; good academic standing; approval through the Ulmer Career Center; BSBA Marketing majors only.  
**Description:** A new or continued workplace experience in an approved Marketing position which offers new learning and/or additional responsibilities that continue the student's progression of learning and opportunity for practical application of classroom theory and tools.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 401. Strategic Sales Leadership** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. This course focuses on the development and execution of a strategic sales program. Topics covered include sales strategy development, sales organization design, and sales force deployment. Sales leadership activities for developing, directing, and determining sales force effectiveness and performance are also examined.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 406. Purchasing and Supply Mgmt** 3 Units  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. The course focuses on identifying, selecting, and evaluating suppliers to enhance the quality and timely delivery of supplies needed within an organization. Other topics include understanding the nature of demand for goods and services within business markets and the process of building relationships with suppliers.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- MKT 412. Logistics and Physical Distribution** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. An integrated study of all functional areas of logistics and physical distribution including supply chain management. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 441. Market Intelligence and Customer Insights** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** MKT 301, CIS 305; Completion of at least 75 credit hours prior to enrollment; BSBA Marketing majors only.  
**Corequisite(s):** FIN 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Scope of marketing research, experimentation, research design, questionnaire construction and scaling problems, sampling methods, data collection and analysis, functional research needs and applications. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 460. Integrative Marketing Strategy - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MKT 350; MKT 441; FIN 301; MGMT 301; CLAW 301 (CLAW 301 may be taken as prerequisite or concurrently); completion of at least 80 credit hours prior to enrollment; BSBA Marketing majors only.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** An integrative capstone course with focus on the use of critical and analytical thinking to develop and apply effective marketing strategies. Course will require knowledge of Management and Financial concepts to be able to discuss and evaluate comprehensive marketing strategies.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 465. Consultative Sales** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. Students will learn how to successfully match the selling process to the decision maker's buying process in a complex sales environment. For college juniors and seniors focused on selling as a career/career starter or buying as a career/career starter. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 490. Special Topics in Marketing** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Restricted to College of Business majors and minors. A variety of contemporary topics in marketing will be studied. Course content may vary each semester but will not duplicate other course offerings. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 499. Independent Study in Marketing** 1-3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MKT 301; BSBA Marketing majors only.  
**Fee:** An additional \$45.00 is charged for this course.  
**Description:** Written proposal must be sponsored by at least one faculty member and approved by the Department Chair. Course details must be worked out between the student and the sponsoring faculty member.  
**Note:** Faculty members and/or Departmental Chair may require additional prerequisites to be satisfied prior to approval of the independent study.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 525. Distribution Management** 3 Units  
**Description:** Examines the flow of goods and related information from sources of supply to sources of demand with primary emphasis on inventory management, warehousing, transportation, customer service, and network configuration.  
**Note:** This course does not fulfill credit for MBA.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MKT 527. Logistics Management** 3 Units  
**Prerequisite(s):** MKT 525 and ACCT 526.  
**Description:** Examines skills required for effective logistics management including leadership, contracts, and decision-making.  
**Note:** This course does not fulfill credit for MBA.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Math (Pathways beginning Fall 2012) (MAT)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### **MAT 55. Pre-Algebra** **3 Units**

**Grading Basis:** Developmental Course - No Earned Hours

**Term Typically Offered:** Fall, Spring

**Description:** This is a basic education course taught by Jefferson Community and Technical College at UofL. Topics include operations on integers, decimals and fractions and an introduction to exponents, square roots, percents, ratios, proportions, prime factorization, basic geometry, algebraic expressions, basic linear equations, and applications.

**Note:** Placement in MAT 55 is the equivalent to placement in MT 55.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **MAT 65. Basic Algebra** **3 Units**

**Grading Basis:** Developmental Course - No Earned Hours

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** MAH 60, MT 55, MAT 55, or placement test recommendation.

**Description:** This is a basic education course taught by Jefferson Community and Technical College at UofL. Topics include linear equations and inequalities, integer exponents, polynomials, factoring, equations of lines and their graphs, systems of linear equations and applications.

**Note:** Placement in MAT 65 is equivalent to placement in MT 65.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **MAT 85. Intermediate Algebra: A Functional Approach** **3 Units**

**Grading Basis:** Developmental Course - No Earned Hours

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** MAH 070, MT 065, MAT 65, or placement test recommendation.

**Description:** This is a basic education course taught by Jefferson Community and Technical College at UofL. Topics include rational expressions, radical expressions, rational exponents, graphing parabolas, inequalities, equations of lines, functions and applications, with emphasis on solving quadratic, rational, and radical equations.

**Note:** Placement in MAT 85 is equivalent to placement in MT 80.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Mathematics (MATH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that

they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### **MATH 105. Quantitative Reasoning - QR** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Appropriate placement score or equivalent coursework.

**Description:** Use of mathematical modeling to solve practical problems. Applications include management science, social choice, population growth, and personal finance.

**Note:** Does not count toward mathematics major or minor.

**Note:** Intended for non-science majors.

**Note:** Previously offered as "Contemporary Mathematics".

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **MATH 106. Applied Mathematics for Understanding Science and Evolution - QR, S** **4 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Appropriate placement score or equivalent coursework.

**Description:** Any understanding of human evolution requires knowing how each fact is supported by verifiable data, and mathematics is a primary tool for any scientific investigation of the evolution of human variation. This class will develop and apply mathematical techniques and models used to investigate and describe the distribution of human biological variation.

**Note:** Cross-listed with ANTH 111.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **MATH 107. Finite Mathematics** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Appropriate placement score or equivalent coursework.

**Description:** Systems of linear equations and inequalities, algebra of sets, counting and probability theory, vectors and matrices, and applications.

**Note:** Does not count toward mathematics major or minor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### **MATH 109. Elementary Statistics - QR** **3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Appropriate placement score or equivalent coursework.

**Description:** Descriptive statistics, normal and binomial distributions, inferential statistics, contingency tables, correlation and regression, computer laboratory.

**Note:** Does not count toward mathematics major or minor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- MATH 111. College Algebra - QR** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Appropriate placement score or equivalent coursework.  
**Description:** Advanced topics in algebraic and rational expressions and factoring; polynomial, rational, exponential, and logarithmic functions; applications.  
**Note:** Does not count toward mathematics major or minor.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 112. Trigonometry** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Appropriate placement score or equivalent coursework.  
**Description:** Trigonometric functions through angular and circular definitions. Identities, graphing, inverse trigonometric functions, analytic geometry, applications.  
**Note:** Does not count toward mathematics major or minor.  
**Note:** Credit not allowed for both MATH 112 and MATH 190 or ENGR 190.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 151. Mathematics for Elementary Education I** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Appropriate mathematics placement.  
**Description:** Problem solving and number systems, including numeration systems, integers, rational, and real numbers, and elementary number theory.  
**Note:** Recommended only for majors in elementary or middle grades education.  
**Note:** Does not count towards mathematics major or minor.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 152. Mathematics for Elementary Education II** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** MATH 151.  
**Description:** Geometry, patterns, elementary statistics, discrete probability and counting.  
**Note:** Recommended only for majors in elementary or middle grades education.  
**Note:** Does not count towards mathematics major or minor.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 180. Elements of Calculus - QR** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Appropriate placement score or equivalent coursework.  
**Description:** Differential and integral calculus of polynomial, logarithmic, and exponential functions with applications.  
**Note:** Does not count toward mathematics major or minor.  
**Note:** Credit not granted for both MATH 180 and MATH 205.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 190. Precalculus - QR** 4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Appropriate placement score or equivalent coursework.  
**Description:** Advanced topics in algebraic and rational expressions, factoring, exponents, and radicals; theory of equations and inequalities; functions. Analytic geometry, trigonometry.  
**Note:** Does not count toward mathematics major.  
**Note:** Credit not allowed for both MATH 190 and ENGR 190.  
**Note:** MATH 190 normally prepares student for MATH 205.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 205. Calculus I - QR** 4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** MATH 111-MATH 112, or MATH 190, or ENGR 190, or appropriate placement score.  
**Description:** A first course in differential and integral calculus of single variable functions.  
**Note:** Credit will not be granted for both MATH 205 and either MATH 180 or ENGR 101.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 206. Calculus II** 4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** MATH 205 or ENGR 101.  
**Description:** Continuation of MATH 205; Introduction to infinite series.  
**Note:** Credit will not be granted for both MATH 206 and ENGR 102.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 301. Calculus III** 4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** MATH 206 or ENGR 102.  
**Description:** Differential and integral calculus of functions of several variables, vector analysis, solid analytic geometry, introduction to topics in differential equations.  
**Note:** Credit will not be granted for both MATH 301 and ENGR 201.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 311. Introduction to Higher Math** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MATH 205 or ENGR 101.  
**Description:** Introduction to abstract mathematics with particular attention to developing proof-reading and proof-writing skills. The basics of set theory, functions, relations, number systems, countability, sequences and their convergence, and the complex plane.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MATH 325. Introduction to Linear Algebra</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MATH 180 or MATH 205 or ENGR 101.  <b>Description:</b> Systems of equations, matrix algebra, linear independence, n-dimensional vector spaces, linear transformations, eigenvalues and eigenvectors.  <b>Note:</b> Credit will not be granted for both MATH 325 and ENGR 330.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MATH 387. Discrete Mathematics</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MATH 206 or ENGR 102; MATH 325.  <b>Description:</b> Topics may include: Pigeon-hole principle, counting techniques, binomial coefficients, generating functions, stirling and catalan numbers, permutations and graphs.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MATH 349. Statistics and Probability for Teachers</b>  <b>Prerequisite(s):</b> Completion of general education mathematics requirement.  <b>Description:</b> Descriptive statistics, data analysis and collection, probability and expected value, introduction to statistical inference. Intended for prospective elementary and middle school teachers.  <b>Note:</b> Does not count toward major or minor in mathematics.  <b>Note:</b> Students may not receive credit for both this course and any of the following: MATH 109, MGMT 201, SOC 301, PSYC 312, PSYC 316 and PSYC 317, CJ 326.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MATH 405. Differential Equations</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MATH 206 or ENGR 102; MATH 325.  <b>Description:</b> Methods of solution of common types of ordinary differential equations.  <b>Note:</b> Credit will not be granted for both MATH 405 and ENGR 205.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MATH 350. Geometric Investigations</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MATH 112 or MATH 190 or MATH 205 or ENGR 101.  <b>Description:</b> Inductive and deductive investigation of Euclidean geometry, constructions, and transformations. Manipulative, models, and technology used in laboratory setting. Intended for prospective middle school teachers.  <b>Note:</b> Does not count toward major or minor in Mathematics.  <b>Note:</b> Credit will not be given for both MATH 350 and either MATH 550 or MATH 551.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MATH 407. Numerical Analysis</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MATH 301 and MATH 325; MATH 405 recommended.  <b>Description:</b> Introduction to numerical methods used to approximate equation solutions, functions, integrals, derivatives, and solutions of ordinary differential equations.  <b>Note:</b> Credit will not be granted for both MATH 407 and ENGR 307.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MATH 372. Theory of Interest</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MATH 206 or ENGR 102.  <b>Description:</b> Accumulation function and the special cases of simple and compound interest. Nominal and effective interest and discount rates and the force of interest - constant and varying. Valuation of discrete and continuous streams of payments. Determination of yield rates on investments. Application of interest theory to amortization of lump sums, fixed income securities, depreciation mortgages. Covers the interest theory portion of the Examination 2 of the Society of Actuaries and the Casualty Actuarial Society.  <b>Note:</b> Previously offered as MATH 572 (through fall 2018).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MATH 430. Practicum in Mathematics Education</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Selected for Math UTA; grade of B or better in MATH 311 &amp; MATH 325; 3.0 GPA in major; 9 hrs completed in Math major at UofL.  <b>Description:</b> For Mathematics Undergraduate Teaching Assistants (UTAs) who have been selected to participate in the NSF-STEP-funded PRIMES project as peer mentors and undergraduate teaching assistants (UTA) in undergraduate Mathematics courses. This practicum course is intended to provide a pedagogical foundation for successfully engaging with students in the classes to which each UTA is assigned.  <b>Note:</b> May be repeated for a maximum total of 3 credit hours.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MATH 451. Problem Solving in Number Systems and Discrete Mathematics</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MATH 151; MATH 180 or MATH 205 or ENGR 101.  <b>Description:</b> Exploration of problem solving techniques and their application to problems in number systems and discrete mathematics. Intended for prospective middle school teachers.  <b>Note:</b> Does not count toward major or minor in mathematics.  <b>Note:</b> Credit will not be given for both MATH 451 and MATH 311.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>MATH 477. Introduction to Probability and Statistics</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MATH 206 or ENGR 102; MATH 325.  <b>Description:</b> Topics may include: Probability distributions, random variables, joint distributions, hypothesis testing, confidence intervals, regression analysis.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

- MATH 491. Independent Study** 1-3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.  
**Description:** Opportunity for students to explore, with the guidance of faculty, one or more topics in Mathematics that are not covered under the regularly offered curriculum.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 493. Cooperative Internship in Mathematics** 1-3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** 15 hours of Mathematics (MATH 205 and above); approval of department chair; and Junior standing.  
**Description:** An individually-arranged course combining work experience with a related academic project.  
**Note:** BS students may apply a maximum of 3 hours in applications area requirement.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 499. Senior Honors Thesis - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Senior standing and faculty consent.  
**Description:** Independent investigation of a topic in mathematics, undertaken by a student with faculty supervision, culminating in a paper submitted for Honors.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 501. Introduction to Analysis I - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MATH 301, MATH 311 and MATH 325.  
**Description:** Foundations of the real number system, sequences and series, topology of the line, continuity, differentiation of functions of one variable.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 502. Introduction to Analysis II** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** MATH 501.  
**Description:** Riemann integration on the line, sequences and series of functions, uniform convergence, metric spaces.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 505. Introduction to Partial Differential Equations** 3 Units  
**Term Typically Offered:** Fall, Summer  
**Prerequisite(s):** MATH 301 and MATH 405 or PHYS 350.  
**Description:** Techniques for solving standard heat, wave, and potential equations, including discussion of Fourier analysis techniques.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 507. Fourier Analysis** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** MATH 301 and MATH 405.  
**Description:** Introduction to Fourier series and transforms.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 511. Complex Analysis I** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MATH 301 or ENGR 201; MATH 311; MATH 325 or ENGR 330.  
**Description:** Geometry of the complex plane, analytic and meromorphic functions, linear fractional transformations. Cauchy's Theorem and the Residue Theorem. Emphasizes computational aspects of the course topics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 512. Complex Analysis II** 3 Units  
**Prerequisite(s):** MATH 511.  
**Description:** A continuation of MATH 511, including deeper properties of analytic, meromorphic, harmonic functions and conformal mappings. Emphasizes theoretical aspects of the course topics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 520. Theory of Numbers** 3 Units  
**Prerequisite(s):** MATH 206 or ENGR 102; MATH 311; MATH 325 or consent of instructor.  
**Description:** A study of the integers and their divisibility properties. Particular emphasis on the theory of congruencies, partitions, prime numbers, Diophantine analysis and quadratic residues.  
**Note:** Credit may be applied towards the MAT but not toward any other graduate degree in mathematics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MATH 521. Modern Algebra I - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MATH 206 or ENGR 102; and MATH 311; and MATH 325; or consent of instructor.  
**Description:** An introduction to the theory of groups, rings, integral domains, and fields.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<b>MATH 522. Modern Algebra II</b> <b>Term Typically Offered:</b> Spring Only <b>Prerequisite(s):</b> MATH 521. <b>Description:</b> Continuation in greater depth of topics introduced in MATH 521; introduction to theory of ideals, field extensions, and abstract vector spaces. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	<b>MATH 560. Statistical Data Analysis - WR</b> <b>Prerequisite(s):</b> MATH 205 or ENGR 101. <b>Fee:</b> An additional \$60.00 is charged for this course. <b>Description:</b> Descriptive techniques, inferential techniques, simple and multiple linear regression. Frequent use of statistical computer packages. No previous knowledge of the computer required. <b>Note:</b> Credit may be applied towards the MAT but not toward any other graduate degree in mathematics. <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).	<b>3 Units</b>
<b>MATH 535. Modeling I</b> <b>Prerequisite(s):</b> MATH 325 or MATH 405 or equivalent. <b>Description:</b> Introduction to mathematical modeling of discrete and continuous dynamical systems. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>MATH 536. Modeling II</b> <b>Prerequisite(s):</b> MATH 535. <b>Description:</b> Advanced mathematical modeling of discrete and continuous dynamical systems. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	<b>MATH 561. Probability</b> <b>Term Typically Offered:</b> Fall, Spring <b>Prerequisite(s):</b> MATH 301. <b>Description:</b> Probability spaces, probability distributions, moments, moment-generating functions, independence, transformation of variables, sampling distributions, laws of large numbers, central limit theorem, applications. <b>Note:</b> Credit will not be granted for both MATH 561 and IE 360.	<b>3 Units</b>
<b>MATH 545. Introduction to Fractal Geometry</b> <b>Prerequisite(s):</b> MATH 301 and MATH 325; MATH 501 recommended. <b>Description:</b> Recursively defined sets and self-similarity; metric spaces and iterated function systems; topological, fractal, and Hausdorff dimensions. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>MATH 550. Advanced Euclidean Geometry</b> <b>Term Typically Offered:</b> Occasionally Offered <b>Prerequisite(s):</b> A year of high school geometry; MATH 206 or ENGR 102; MATH 311; MATH 325 or consent of instructor. <b>Description:</b> Theory of Euclidean geometry contrasted with non-Euclidean from both the axiomatic and algebraic approach. Of special value to secondary teachers. <b>Note:</b> Credit may be applied toward the MAT but not toward any other graduate degree in mathematics.	<b>3 Units</b>	<b>MATH 562. Mathematical Statistics</b> <b>Prerequisite(s):</b> MATH 561. <b>Description:</b> Random samples and statistics, point estimation, sufficiency and completeness, confidence regions, classical theory of hypothesis testing, linear regression, nonclassical procedures. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>MATH 564. Probability Models</b> <b>Prerequisite(s):</b> MATH 561. <b>Description:</b> Finite probability models, Markov chains, renewal and reliability theory, Brownian motion, stochastic differential equations. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>
<b>MATH 551. Geometry</b> <b>Term Typically Offered:</b> Spring Only <b>Prerequisite(s):</b> MATH 206 or ENGR 102; MATH 311; MATH 325 or consent of instructor. <b>Description:</b> Study of projective spaces, transformations and invariants. Introduction to related geometries, such as affine, elliptic, and hyperbolic. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	<b>MATH 568. Mathematical Models in Molecular Biology</b> <b>Prerequisite(s):</b> MATH 205 or instructor consent. <b>Description:</b> Introduction to probability models for representations of biochemical networks. Markov Processes. Stochastic simulation. Chemical and biochemical kinetics. Gillespie algorithm. Applications to intra-cellular kinetics. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>

**MATH 570. Foundations of Actuarial Science** 3 Units**Prerequisite(s):** MATH 561.**Description:** Fundamental mathematical tools for quantitatively assessing risk. Application of these tools to problems encountered in actuarial science is emphasized. Covers the material of Examination 1 of the Society of Actuaries and Casualty Actuarial Society.**Note:** Credit may not be applied toward a graduate degree in mathematics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MATH 573. Actuarial Models I** 3 Units**Term Typically Offered:** Occasionally Offered**Prerequisite(s):** MATH 570; MATH 372 or MATH 572.**Description:** This course covers the material for the Society of Actuaries Exam MFE, Actuarial Models-Financial Economics (also CAS Exam 3F). The syllabus for Exam MFE develops the student's knowledge of the theoretical basis of financial models and the application of those models to insurance and other financial risks. A thorough knowledge of calculus, probability and interest theory is assumed. In addition, for Exam MFE/3F, students are assumed to be familiar with derivative securities (introductory material).**Note:** Knowledge of risk management at the level of MATH 570 is assumed.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MATH 574. Actuarial Models II** 3 Units**Prerequisite(s):** MATH 573.**Description:** It further develops knowledge of the theoretical basis of actuarial models and the application of those models to insurance and other financial risks.**Note:** Continuation of MATH 573.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MATH 581. Introduction to Graph Theory** 3 Units**Term Typically Offered:** Fall Only**Prerequisite(s):** MATH 206 or ENGR 102; MATH 311; MATH 325 or consent of instructor.**Description:** Provides an overview of graph theory. Topics include blocks, trees, connectivity, Hamiltonian and Eulerian graphs; topological problems, matrices and groups.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MATH 587. Discrete Mathematics for MAT students** 3 Units**Prerequisite(s):** MATH 206 or ENGR 102; MATH 325.**Description:** Topics include: Pigeon-hole principle, counting techniques, binomial coefficients, generating functions, Stirling and Catalan numbers, permutations and graphs.**Note:** Does not count towards the mathematics major or minor.**Note:** Credit may be applied toward the MAT degree but not towards any other graduate degree in mathematics.**Note:** Credit not allowed for both MATH 387 and MATH 587.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MATH 590. History of Mathematics - WR** 3 Units**Prerequisite(s):** 500-level course in math (except MATH 560).**Description:** Mathematical history from Mesopotamia to present. Emphasis on doing mathematics, identifying the growth of mathematical concepts and studying prominent mathematicians.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MATH 591. Selected Topics in Mathematics** 1-3 Units**Prerequisite(s):** Announced in Schedule of Courses.**Description:** An examination of one or more topics in mathematics not usually treated in a regularly offered course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Mechanical Engineering (ME)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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<p><b>ME 381. Introduction to Manufacturing</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> CHE 253 and ME 251.  <b>Corequisite(s):</b> ME 380.  <b>Description:</b> Introduction to manufacturing processes with an emphasis on considerations for mechanical engineering design. Topics covered include casting, machining, forming, assembly, and modern methods for both polymer and metal materials.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ME 422. Machine Design I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ME 323 and CHE 253.  <b>Description:</b> Fundamental concepts related to the design of mechanical components and machines. The engineering design process. Design for strength and reliability. Open-ended design projects are assigned.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ME 389. Mechanical Engineering Cooperative Education II</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ME 289.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Full-time technical work experience related to the student's academic program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ME 432. Intermediate Mechanics of Materials</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> ME 323.  <b>Description:</b> Principle of virtual work. Principle of minimum potential energy. Matrix formulation of static and dynamic structural mechanics problems with a strong emphasis on computer applications.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ME 401. Fluid Mechanics II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ME 311 and ENGR 205.  <b>Description:</b> Differential analysis of fluid flow, viscous flow in pipes, flow over immersed bodies, compressible flow and turbomachinery.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ME 435. System Dynamics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring, Summer  <b>Prerequisite(s):</b> ECE 252, ENGR 205 and ME 311.  <b>Description:</b> Modeling of mechanical, fluid, electrical, and mixed systems. Determination of time and frequency domain response of such systems to transient and periodic inputs. Specific applications.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ME 414. Mechanical Measurements</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ENGR 205, ME 312, and ME 324.  <b>Description:</b> General consideration of signals and utilization of instruments to measure physical properties of systems. Review and introduction of useful mathematical concepts such as statistical data analysis. Introduction to digital data acquisition and signal processing.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ME 440. Heat Transfer</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ME 401.  <b>Description:</b> A study of the fundamental laws and applications of heat transfer by conduction, convection, and radiation.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ME 415. Senior Mechanical Engineering Laboratory</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Corequisite(s):</b> ME 414.  <b>Fee:</b> An additional \$15.00 is charged for this course.  <b>Description:</b> Experiments in heat transfer, mechanics, acoustics, pumps, electrical circuits, sound dynamics, and HVAC systems.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>ME 442. Machine Design II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> ME 422.  <b>Description:</b> Design and application of machine elements such as springs, rolling element bearings, gearing, and journal bearings. Open-ended design projects are assigned.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>ME 489. Mechanical Engineering Cooperative Education III</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ME 389.  <b>Fee:</b> An additional \$300.00 is charged for this course.  <b>Description:</b> Full-time technical work experience related to the student's academic program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

- ME 497. Mechanical Engineering Capstone Design Project - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** ME 442.  
**Description:** Team-oriented design of a mechanism, system or process satisfying a set of open-ended requirements. Written reports and oral presentations are required.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 510. Thermal Design of Internal Combustion Engines** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 310.  
**Description:** Thermodynamics and fluid mechanics of internal combustion engine design. Combustion stoichiometry, thermochemistry, and properties of working fluids. Ideal and real engine cycles. Fluid flow processes, combustion processes, pollutant formation and control. Engine operating characteristics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 512. Finite Element Methods for Mechanical Design I** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ME 422.  
**Description:** Matrix analysis of static and dynamic structural systems and steady-state heat transfer. Computer aided design of trusses, frames, plane stress structures, as well as one- and two-dimensional thermal systems including conduction and convection.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 513. Energy Conversion** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 310.  
**Description:** A study of nuclear and fossil-fueled steam generators, plus internal combustion prime movers and alternate energy sources. A computerized design project will be required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 521. Mechanical Vibrations** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 422.  
**Description:** The theory of vibrating mechanical systems. Modeling of lumped parameter and distributed parameter systems. Free and forced vibration. Damping. Periodic and transient motion. Concept of normal modes. Multiple degree-of-freedom systems. Design applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 523. Intermediate Dynamics** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 206.  
**Description:** Extension of the concepts in introductory dynamics (ME 206) to three dimensional motion. This includes the kinematics of multiple, rotating reference frames, and Newtonian vector mechanics for particles and rigid bodies (Euler's equations). Lagrangian analytical methods. Stability of motion.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 526. Vehicle Dynamics and Handling** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 380.  
**Description:** Design of passenger and commercial vehicles for optimal dynamic performance with a focus on architecture layout, characterization of critical subsystems, and CAE-based kinematic and kinetic modeling.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 532. Experimental Stress Analysis** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 323, ME 414 and ME 415 or graduate standing in Mechanical Engineering.  
**Fee:** An additional \$30.00 is charged for this course.  
**Description:** Fundamentals of experimental stress analysis. Brittle coating methods, photoelastic coating and electrical strain gage techniques, strain measurements under static and dynamic loading.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 534. Experimental Vibrations** 3 Units  
**Term Typically Offered:** Summer Odd Years  
**Prerequisite(s):** ME 435.  
**Description:** Experimental techniques for identifying the modal parameters of mechanical and structural systems. Review of multiple degree-of-freedom vibration modeling and analysis. Measurement of frequency response functions. Excitation techniques, instrumentation, Fourier analysis and signal processing. Acoustical modal analysis. Experiments on real mechanical and structural systems.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 535. Control System Design** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 435.  
**Description:** Basic concepts and principles of feedback control systems. Formulation of linear control problems by classical methods. Analysis and synthesis techniques as used in the design of automatic, dynamic control systems. Study of transient and steady state response, use of time and frequency domain concepts. System performance specifications. Design applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- ME 540. Microfluidics** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Introduction to the basic theory and practical applications of microfluidics. Topics include fluid mechanics at small scales, fabrication of microfluidic devices, methods of inducing and controlling flow, and techniques to measure fluid properties.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 542. Gas Turbines** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 310 and ME 401.  
**Description:** Theory and design of various types of gas turbine engines used for power and propulsion. Thermodynamic cycle analysis; design basics of turbomachinery, nozzles, diffusers and combustion chambers; engine performance analysis.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 544. Design of Fluid Power Systems** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 380 and ME 401.  
**Description:** Design methodology of hydraulic circuits and fluid power components. Study of rotary/linear actuators, hydrostatic transmissions, temperature control, contamination control, pneumatics, valves, and control components. Applied design projects and laboratory modules are required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 547. Design Methods** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ME 422.  
**Description:** This course uses broad based engineering knowledge to meld equation driven principles with customer and business driven needs/requirements. The product development process is used to design a mechanical or electro-mechanical product. Topics include: concurrent engineering, project management, voice of customer, quality function deployment, concept generation, concept selection, concept embodiment, robust design methods, design failure mode and effects analysis, design validation plan & report design for X, and value/cost analysis.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 555. Introduction to Micro and Nanotechnology** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** CHE 253 or equivalent; Senior or Graduate standing in an engineering program.  
**Description:** Design, fabrication and application of micro- and nano-electro-mechanical systems (MEMS/NEMS). Scaling laws governing micro- and nanoscale physics. Use of MEMS/NEMS devices in electronics, as sensors, and for medical applications.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 559. Process Physics & Material Science in Advanced Manufacturing** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** ME 323 and ME 381.  
**Description:** Materials processing lies at the core of advanced manufacturing. It is through understanding and innovations in materials processing, true progress in manufacturing development can be reached. Topics include mechanical, thermal, electrochemical, acoustic, optical energy-based material processing physics, physical metallurgy, phase transformation, solidification, heat and mass transfer, dislocation mechanics in the context of manufacturing.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 562. Composite Materials** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 422.  
**Description:** Overview of composite materials, stress/strain analysis of a polymer matrix fiber-reinforced composite ply, classical lamination theory, failure criteria, design approaches, manufacturing methods, and applications for structural polymeric composites.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 565. Advanced Engineering Mathematics I** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ENGR 201 or ENGR 205 or equivalent.  
**Description:** Formulation and solution of mathematical models for mechanical engineering problems leading to ordinary and partial differential equations. Transform solution methods and linear algebra concepts, including real and complex-domain eigenvalue problem solutions.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 566. Advanced Engineering Mathematics II** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** ME 565 or equivalent.  
**Description:** Analysis of engineering systems and phenomena yielding complex domain models and solutions. Power series, Taylor series, and Laurent series. Complex analysis and potential theory. Numerical analysis for complex domain systems. Introduction to optimization and linear programming.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- ME 570. Sustainable Energy Systems** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** ME 310 and ME 311.  
**Description:** Analysis and design of sustainable energy systems, and exploration of concepts such as carbon capture storage for making fossil energy systems more environmentally acceptable.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>ME 572. Energy Storage Systems</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ME 440.  <b>Description:</b> Study of the principles and analysis of energy systems. Introduction to energy storage systems and their applications; thermal and mechanical energy storage, storage of organic fuels, hydrogen, and electrochemical energy.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p>the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>).</p> <p>500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.</p>
<p><b>ME 575. Special Topics in Mechanical Engineering</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> A special topics course in mechanical engineering topics not covered by regularly scheduled courses.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1-4 Units</b></p>	
<p><b>ME 580. Air Pollution Control</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> CHEM 202, ME 310 or equivalent.  <b>Description:</b> Origin and fate of air pollutants, combustion and pollutant formation processes, control of emissions of gaseous and particulate pollutants and design of various pollution control devices.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	
<p><b>ME 585. Design and Energy Analysis of Consumer Appliances</b>  <b>Description:</b> Application of classical, computational, and experimental methods and analysis to the design of mechanical and energy systems. Topics include material impacts on design, structural component design, and design and analysis of thermal fluid, and acoustic systems.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4.5 Units</b></p>	
<p><b>ME 588. Independent Study in Mechanical Engineering</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> A theoretical or experimental investigation of a problem area related to mechanical engineering.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1-4 Units</b></p>	
<p><b>ME 595. Measurement, Reliability, and Thermal Design of Electromechanical Systems</b>  <b>Prerequisite(s):</b> ME 585.  <b>Description:</b> Application of classical, computational, and experimental methods and analyses to the design of electromechanical systems. Topics include reliability and failure analysis, measurement and control of electromechanical systems, and analysis and design optimization of thermal systems.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4.5 Units</b></p>	
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	<p><b>MILS 101. Leadership and Adventure I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Introduction to the Army, military skills and leadership skills. Role of the Army and opportunities as an Army officer. Adventure training with rappelling, marksmanship, and land navigation exercises.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
	<p><b>MILS 102. Leadership and Adventure II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Introduction to the Army, military skills and leadership skills. Role of the Army and opportunities as an Army officer. Adventure training with rappelling, marksmanship, and land navigation exercises.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
	<p><b>MILS 111. Army Physical Fitness I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Students must furnish medical clearance statement prior to participation.  <b>Description:</b> Students learn to plan, coordinate, and execute a physical fitness program under the direct supervision of the master fitness trainer. Emphasis is placed on developing and executing a program that adheres to the principles and components of physical fitness.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
	<p><b>MILS 112. Army Physical Fitness II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Students must furnish medical clearance statement prior to participation.  <b>Description:</b> Students learn to plan, coordinate and execute a physical fitness program under the direct supervision of the master fitness trainer. Emphasis is placed on developing and executing a program that adheres to the principles and components of physical fitness.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>

## Military Science (MILS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to

<p><b>MILS 201. Intermediate Leadership Skill Development I</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MILS 101 and MILS 102, or faculty consent.  <b>Description:</b> Introduction to principles and techniques of military leadership and professionalism with continued emphasis on military skill development.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MILS 301. Leadership and Management</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MILS 101, MILS 102, MILS 201, and MILS 202; or faculty consent.  <b>Description:</b> Principles and techniques of military leadership, to include: military instruction; employment of small unit weapons; and analysis of military professionalism and ethics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MILS 202. Intermediate Leadership Skill Development II</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MILS 101 and MILS 102, or faculty consent.  <b>Description:</b> Introduction to principles and techniques of military leadership and professionalism with continued emphasis on military skill development.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MILS 302. Theory and Dynamics of the Military Team</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MILS 301 or faculty consent.  <b>Description:</b> Theory and dynamics of small unit operations to include: land navigation; artillery fire support procedures; small unit tactics and leadership procedures; individual protective measures; and oral communications.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MILS 205. Level 1 Modern Army Combatives (MAC)</b> <span style="float: right;"><b>2 Units</b></span>  <b>Prerequisite(s):</b> ; All participants must be a Contracted Cadet, currently enrolled and in good standing in the ROTC Program.  <b>Description:</b> Level 1 MAC follows FM 3-25.150 in order to train the use of different levels force in a replicated environment where conflict may change from low intensity to high intensity over a matter of hours. Graduates of the course receive MAC Level 1 Certification which is applicable to all Army units..                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MILS 305. Special Topics in Military Science</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Special topics not otherwise covered in the program.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MILS 210. Special Topics in Military Science</b> <span style="float: right;"><b>1-3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Special topics not otherwise covered in the program.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MILS 308. Survey of American Military History</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> A critical understanding of the history that has brought our military to this point. An examination of American History independent of the political, social, economic and religious factors and focus on the military tenets as outlined by the Combat Studies Institute (CSI) of the U.S. Army.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MILS 211. Army Physical Fitness III</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Students must furnish medical clearance statement prior to participation.  <b>Description:</b> Students learn to plan, coordinate and execute a physical fitness program, under the direct supervision of the master fitness trainer. Emphasis is placed on developing and executing a program that adheres to the principles and components of physical fitness.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MILS 311. Army Physical Fitness I</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Planning, coordination and execution of a physical fitness program, under the direct supervision of a master fitness trainer.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MILS 212. Army Physical Fitness IV</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Students must furnish medical clearance statement prior to participation.  <b>Description:</b> Students learn to plan, coordinate and execute a physical fitness program, under the direct supervision of the master fitness trainer. Emphasis is placed on developing and executing a program that adheres to the principles and components of physical fitness.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MILS 312. Army Physical Fitness II</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Planning, coordination, and execution of a physical fitness program under the direct supervision of a master fitness trainer.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**MILS 401. Mission Command and the Army Profession 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** MILS 301 and MILS 302.

**Description:** Explore and understand how to apply the concepts of Mission Command, the Operations Process, and Unit Training Management in order to prepare and effectively lead units in complex situations of current military operations. Examine how the Army Profession and the Uniform Code of Military Justice enables leaders to build and maintain effective and morally sound teams.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MILS 402. Mission Command and the Company Grade Officer 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** MILS 401.

**Description:** Examine the dynamics of leading in complex, ambiguous environments through United Land Operations; Explore the Art of Command, Ethical Decision Making and Sustaining and building Resilient teams. Conduct a Staff Ride analyzing a Civil War Battle.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MILS 405. Special Topics in Military Science 1-3 Units**

**Term Typically Offered:** Fall Only

**Description:** Special Topics not otherwise covered in the program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MILS 410. Independent Study in Military Science and Leadership 1-6 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** MILS 301 and MILS 302.

**Description:** Students are under guidance and confer with the Professor of Military Science (PMS) on approved topics. A written paper or report is required and will be maintained in the Office of the PMS. In order to be eligible for this course, students must be granted permission from the PMS, have a program GPA of 3.0, or a GPA of 3.5 in the department, and at least 18 semester hours credit in the department.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MILS 411. Army Physical Fitness III 1 Unit**

**Term Typically Offered:** Fall Only

**Description:** Planning, coordination, and execution of a physical fitness program, under the direct supervision of a master fitness trainer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MILS 412. Army Physical Fitness IV 1 Unit**

**Term Typically Offered:** Spring Only

**Description:** Planning, coordination and execution of a physical fitness program, under the direct supervision of a master fitness trainer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**M L 000. Study Abroad: (Language) 1-30 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Participation in the University of Louisville Study Abroad Program and/or programs conducted by the International Center.

**Description:** Credit awarded to students who have successfully completed the program. Upon return, the student will be required to demonstrate language proficiency at a level agreed upon by the Department of Classical and Modern Languages prior to departure. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 101. Elementary Language I 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study of languages not normally taught in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 102. Elementary Language II 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study of languages not normally taught in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 121. Basic Language Study I 4 Units**

**Description:** Study of languages not normally taught in the curriculum.

Basic grammar, with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 122. Basic Language Study II 4 Units**

**Description:** Study of languages not normally taught in the curriculum.

Basic grammar, with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Modern Languages (M L)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any

- M L 199. Writing in the Humanities: Classical and Modern Languages** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ENGL 101.  
**Description:** Students learn to assess the support for a claim in various forms of Humanities writing and to research and write about one or more issues in Classical and Modern Languages.  
**Note:** Credit may not be earned for this course and ENGL 102.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 200. Study Abroad** **1-15 Units**  
**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 201. Intermediate Language I** **3 Units**  
**Description:** Study of languages not normally taught in the curriculum.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 202. Intermediate Language II** **3 Units**  
**Description:** Study of languages not normally taught in the curriculum.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 221. Intermediate Language Study** **4 Units**  
**Description:** Study of languages not normally taught in the curriculum.  
**Note:** Completion of ML 221 will satisfy the Arts and Sciences language requirement.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 240. World LGBTQ+ Cinema - D2, SB** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** This course examines LGBTQ+ culture around the globe through the lens of cinema. **Note:** Cross-listed with WGST 240  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 250. Introduction to the French-Speaking World - AH, D2** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** A general introduction, taught in English, to the arts, culture and history of areas throughout the world in which French is the primary language.  
**Note:** Cross-listed with FREN 250.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 260. Cultures of Latin America - AH, D2** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** A general introduction, taught in English, to the culture, art and history of Spanish-speaking Latin America.  
**Note:** Cross-listed with SPAN 260.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 261. Cultures of Spain - AH, D2** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** A general introduction, taught in English, to the culture, art and history of Spain.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 270. Chinese Contributions to the World - AH, D2** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to Chinese historical scientific contributions to the world, the reciprocal influences between Chinese and non-Chinese cultures, and Chinese ethnicity and identities within the global context.  
**Note:** Cross-listed with CHST 270 and AST 270.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 271. Chinese Popular Culture - AH, D2** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** This course is an introduction to modern and contemporary Chinese pop culture and its global significance.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 280. Culture of the German-Speaking World - AH, D2** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** Introduction to the art, music, literature, film and philosophy of the German-speaking world from the Middle Ages to the present. Taught in English.  
**Note:** Cross-listed with GERM 280.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 300. Study Abroad** **1-15 Units**  
**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 301. Reading, Conversation and Composition I** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** M L 202 or M L 221 in appropriate language.  
**Description:** Reading, conversation and composition in languages taught on an occasional basis.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- M L 302. Reading, Conversation and Composition II** 3 Units  
**Prerequisite(s):** M L 301 in appropriate language.  
**Description:** Reading, conversation, and composition in languages taught on an occasional basis.  
**Note:** Readings, papers, lectures, and discussions in the following literature courses are given in English: M L 313, M L 340, M L 341, M L 351, M L 352, M L 353, M L 354, M L 355, M L 356, M L 357, M L 358, M L 361, M L 362, M L 363, M L 364, M L 401, M L 506, M L 551, M L 552, M L 553, and M L 561.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 310. Japanese Culture Through Film - AH, D2** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** The course will examine, through specifically selected films, social, cultural, and political aspects of contemporary Japanese society.  
**Note:** Cross-listed with JPST 310.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 311. Contemporary Japanese Culture - SB, D2** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to contemporary Japanese culture through an exploration of various socio-cultural aspects, such as school structure, familial roles, religiosity, and literature.  
**Note:** Cross-listed with JPST 311.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 312. Japanese Popular Culture - D2, AH** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course is an introduction to modern and contemporary Japanese pop culture.  
**Note:** Cross-listed with JPST 312.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 313. Special Topics in Language, Literature, or Culture** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Critical reading and interpretation of works providing insights into foreign language, literature, or culture. Topics vary.  
**Note:** May be repeated once for credit.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 330. The Power of Language(s): Social, Political, and Cultural Dimensions** 3 Units  
**Term Typically Offered:** Spring Even Years  
**Description:** Introduction to the social, political, and cultural aspects of learning another language. Learners will explore language-related practices, perspectives, and products in the context of linguistic diversity within German-speaking communities. Taught in English. Knowing and/or speaking another language is welcome, but not necessary to participate in this course and its activities effectively.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 341. Special Topics in Classical Literature** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Concentration on selected genres, such as epic, pastoral and didactic poetry, drama, historiography, rhetoric. Topics will be announced in schedule of courses.  
**Note:** May be repeated once for credit.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 342. Grimms' Fairy Tales - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to the literary fairy tales of the brothers Grimm.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 343. Weimar Culture - WR** 3 Units  
**Description:** An introduction to the social and political life, literature, film, and fine arts of the German-speaking world from 1918 to 1933.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 350. The Literary Fairy Tale - AH** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An investigation of the literary fairy tale from the Renaissance to the twentieth century.  
**Note:** Cross-listed with HUM 350.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- M L 351. French Literature: Special Topics - WR** 3 Units  
**Description:** Reading and discussion of selected works from the Middle Ages to the present.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 352. Topics in German Literature - WR 3 Units**

**Description:** Critical reading and interpretation of selected works on various themes.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** May be repeated under different subtitle, to a maximum of 6 hours.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 353. Russian Literature of the Nineteenth Century - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Reading and discussion of important aspects of Russian thought and culture as reflected in selected works of major writers: Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, Tolstoy, and Chekhov.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 354. Russian Literature of the Twentieth Century - WR 3 Units**

**Term Typically Offered:** Spring Odd Years

**Description:** Reading and discussion of works of modern Russian literature. Authors include Pasternak, Solzhenitsyn, Akhmatova, and others.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 355. Literature of Spain 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study of selected works of major writers of Spain.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 356. Latin American Literature 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Study of selected works of major writers of Latin America.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 361. Modern German Stories - WR 3 Units**

**Description:** Major stories by Hesse, T. Mann and Grass and short stories by Boll as representatives of 20th-century European literature and culture. Treatment of themes such as significance of the individual, relationship between individual and society, and the problems of the artist or exceptional individual.

**Note:** Approved for the Arts and Sciences upper-level requirement in Written Communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 362. Modern German Fiction - WR 3 Units**

**Description:** Major novels by Boll, Hesse and Grass as representative of 20th-century European literature and culture. Treatment of themes such as significance of the individual, relationship between the individual and society, the problems of the artist as exceptional individual.

**Note:** Approved for the Arts and Sciences upper-level requirement in Written Communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 363. Modern German Drama - WR 3 Units**

**Description:** Plays by Frisch, Durrenmatt, Borchert, Brecht, Weiss, and Buchner. Treatment of themes such as significance of the individual, relationship between the individual and society, the problems of the artist or exceptional individual.

**Note:** Approved for the Arts and Sciences upper-level requirement in Written Communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 364. Masterpieces of German Theater - WR 3 Units**

**Description:** The problem of technology as expounded in major plays by Durrenmatt and Brecht. Issues of social justice and their literary treatment in plays by Hauptmann. Male-female relationships and the question of illusion versus reality in dramas by Schnitzler.

**Note:** Approved for the Arts and Sciences upper-level requirement in Written Communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 365. Women Writers and Filmmakers - WR 3 Units**

**Description:** Explores issues relating to women's lives in the writing of cinematic and fictional texts from 1970s until today; emphasis on foreign-language films. Texts are read in English translation, films are either subtitled or dubbed.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Cross-listed with WGST 373.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 370. Special Topics in Hispanic Studies 3 Units**

**Term Typically Offered:** Spring Odd Years

**Description:** Focuses on a specific topic related to Hispanic Studies from an interdisciplinary, humanities perspective. Topics announced in the Schedule of Courses.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 401. CML Honors Seminar: Foreign Cultures** 3 Units

**Prerequisite(s):** Membership in Classical and Modern Languages Honors Program or Arts and Sciences Honors Program.

**Description:** A seminar required of all students within the departmental honors program. In-depth study of a foreign culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 440. Community Internship** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Permission of instructor.

**Description:** An individually arranged internship that allows majors and minors to practice their language skills while enhancing their knowledge of culture as well as practice and critical thinking skills. Students work for a total of 80 approved hours per semester and complete accompanying academic work.

**Note:** May be repeated once for credit.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 500. Study Abroad** 1-15 Units

**Prerequisite(s):** Membership in a University of Louisville Language Study Abroad Program or a program approved by the department.

**Description:** Credit awarded upon demonstration of successful completion of program undertaken with prior approval of the department, including a paper or project and an oral or written examination in the language and culture, administered under the supervision of a faculty member.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 506. Francophone Women Writers - WR** 3 Units

**Prerequisite(s):** Junior standing or faculty consent.

**Description:** Readings of literary and non-literary texts by women of the French-speaking world.

**Note:** Cross-listed with WGST 571.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 519. German Intellectual History** 3 Units

**Prerequisite(s):** Consent of instructor.

**Description:** Consideration of German thought and sensibility from the Middle Ages to the present.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 521. Teaching Techniques in Foreign Languages** 3 Units

**Prerequisite(s):** Current status as a foreign language teacher or consent of instructor.

**Description:** Teaching methods in foreign languages. Recommended for those teaching or preparing to teach languages.

**Note:** Cross-listed with LING 521.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 551. Special Topics** 3 Units

**Prerequisite(s):** Consent of instructor.

**Description:** Special themes and issues of particular significance as reflected in selected works of foreign language, literature or culture. Topics vary.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 552. Special Topics** 3 Units

**Prerequisite(s):** Consent of instructor.

**Description:** Special themes and issues of particular significance as reflected in selected works of foreign language, literature or culture. Topics vary.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 553. Selected Authors in Foreign Literature** 3 Units

**Prerequisite(s):** Consent of instructor.

**Description:** The life and works of significant authors chosen from the panorama of foreign literature; their literary and/or cultural impact on society. Authors will vary from semester to semester.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 561. Masterpieces of Russian Literature** 3 Units

**Description:** Reading and discussion of the three greatest masterpieces of Russian literature: Tolstoy's "War and Peace," Dostoevsky's "Brothers Karamazov," and Pushkin's "Eugene Onegin".

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**M L 599. Independent Study** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Consent of department chair.

**Description:** Independent study in areas not covered in the regular curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Music (MUS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### MUS 91. Fundamentals of Music I 0 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Music majors only or permission of instructor.

**Description:** For students who are not prepared for the regular freshman music theory courses.

**Note:** Does not count for credit toward any degree in the School of Music.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### MUS 92. Musicianship I 2 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Music majors only or permission of instructor.

**Description:** For students who are not prepared for the regular freshman music theory courses.

**Note:** Does not count for credit toward any degree in the School of Music.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### MUS 93. Rudiments of Music 2 Units

**Description:** Rudiments of Music provides an opportunity for incoming freshmen to learn music fundamentals before the fall semester begins. Students who need this course will have been identified through the Music Theory Placement Test taken before summer registration.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### MUS 97. Recital Attendance 0 Units

**Grading Basis:** Satisfactory/Unsatisfactory

**Term Typically Offered:** Fall, Spring

**Description:** To receive a grade of Satisfactory, students must attend a minimum of 12 convocations or recitals for each of the 6 enrollments in MUS 97.

**Note:** All undergraduate music students must enroll in and complete 6 semesters of MUS 97 Recital Attendance.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### MUS 100. Introduction to Music Study 1 Unit

**Term Typically Offered:** Fall Only

**Description:** Introduction to the multiple dimensions of university life, with emphasis on the music experience. Students will gain an understanding of the various parts of the University – the administration, the faculty, the learning resources, support services, advising, and career planning.

**Note:** Required of all incoming freshmen and transfer students with fewer than 24 semester hours entering the School of Music.

**Note:** Course formally titled Camp Culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### MUS 101. Major Applied Study 2 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Faculty consent.

**Description:** Applied Music: Applied Music courses carry section designations (see specific semester listing) according to the instrument which a student studies. Section designations are attached to course sequences for major instruments, principal instruments, arts, and secondary instruments. Students enroll for credit in these sequences according to the amount of literature and study they expect to cover and according to the instructor's assessment of the student's ability to perform. An applied music student working toward a degree will enroll for four hours credit on a major instrument (MUS 103 or MUS 113 sequence), for two hours credit on a principal instrument (MUS 111 sequence) or jazz instrument (MUS 105 sequence), or one hour credit on an arts instrument (MUS 125 sequence). All others, including special students, will enroll for one hour credit (MUS 121 or MUS 133 sequence). Lessons for applied majors, principals, and jazz applied students are one hour per week. Students in the music secondary (MUS 121) sequence, arts (MUS 125) sequence, and functional (MUS 133) sequence receive one-half hour lesson per week. Instruction is currently available for: Piano, Oboe, Harpsichord, Clarinet, Organ, Saxophone, Harp, Bassoon, Voice, Trumpet, Violin, Horn, Viola, Trombone, Cello, Euphonium, Bass, Tuba, Flute, Percussion, Guitar.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### MUS 102. Major Applied Study 2 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Faculty consent.

**Fee:** An additional \$400.00 is charged for this course.

Fee is charged for non-music majors only.

**Description:** One hour private lesson for performance majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- MUS 103. Major Applied Study** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Faculty Consent.  
**Description:** PIANO: First year. Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year. Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year. Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year. Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven Variations, compositions by Chopin, Debussy, Ravel, Albeniz, Prokofiev, Copland, Concertos by Mozart, Beethoven, Schumann, Chopin, Rachmaninoff. Fifth Year. Advanced work and literature beyond senior level. ORGAN: By the end of the eighth semester, the student should have acquired the ability to play compositions of a grade representative of the more difficult works of Bach Preludes, Fugues, and Sonatas, and representative works by principal composers from the various musical periods. VIOLIN: By the end of the fourth semester, the student should have acquired the ability to play compositions of a grade similar to the Viotti Concerto No. 22, the Spohr Concerto No. 2, Bach and Handel sonatas for violin and piano. By the end of the eighth semester, the student should have acquired an adequate technical background in scales, arpeggios, bowing and phrasing, and the ability to perform works of the difficulty of the Mendelssohn E Minor Concerto, the Bruch G Minor, or the Spohr No. 8. ORCHESTRAL INSTRUMENTS: The courses of study for cello, viola, bass, woodwind, and brass instruments follow the general outline of the violin course, and students of these instruments will be expected to acquire a proficiency comparable to that required for violin. VOICE: By the end of the fourth semester, the student should demonstrate a recognition of the importance of breath management, tone placement, vocal legato, correct singing diction, and a sense of poetic interpretation and musical style; should be able to sing arpeggios, major/minor scales, and various vocalizes as prescribed by the teacher for the student's stage of musical and vocal development; and should have covered a repertoire of twenty (principals) or thirty (majors) songs. By the end of the eighth semester, the student should be able to sing at sight a song of the difficulty level of Schubert's "Heidenroeslein"; should have sung two operatic arias and two oratorio arias in their original languages; should have a knowledge of recitative in both free and measured forms; and should have acquired the vocal and musical expertise to present a recital of 50 minutes of music representing four languages in varying styles and historical periods.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 104. Major Applied Study** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Faculty Consent.  
**Description:** PIANO: First year. Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year. Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year. Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year. Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 105. Jazz Applied** **2 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Faculty consent.  
**Fee:** An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  
**Description:** One hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 106. Jazz Applied** **2 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Faculty consent.  
**Fee:** An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  
**Description:** One hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 109. Major Ensembles** **1 Unit**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Faculty consent.  
**Description:** Following sections are open to all qualified students of the University after consultation with the director: Symphony Orchestra, Symphonic Band, Early Music Ensemble, Opera Theater, Collegiate Chorale, Black Diamond Choir, Pep Band (Spring only), New Music Ensemble, Marching Band (Fall only), Jazz Ensemble, Concert Band, University Chorus, Wind Ensemble/Wind Symphony, Jazz Repertory Ensemble, Vocal Jazz Ensemble, Community Band, Singing Cardsmen, Women's Chorus.  
**Note:** For undergraduate students only.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUS 111. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> One hour private lesson for students majoring in composition, music education, music history, music therapy, or theory.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 119. Minor Ensembles</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> Study and performance of works for small ensembles. Ensembles include: Brass, Brass Quintet, Clarinet, Flute, Harp, Historical Instruments, Piano, String, Woodwinds. Conducted ensembles include: Techla, Community Band, Guitar Ensemble, Horn Ensemble, Irish Music Ensemble, Instrumental Jazz , Combo, Jazz Improvisation, Opera Workshop, Percussion Ensemble, Historical Brass Ensemble, Saxophone Ensemble, Trumpet Ensemble, Trombone Ensemble, Tuba/Euphonium Ensemble, Steel Drum Ensemble, West African Drum Ensemble, Cardinal Rule.  <b>Note:</b> For undergraduate students only.  <b>Note:</b> May not be used for credit towards a graduate degree.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0.5 Units</b></p>
<p><b>MUS 112. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> One hour private lesson for students majoring in composition, music education, music history, music therapy, or theory.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 121. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson: a secondary applied music course carried in addition to the student's major or principal field.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 113. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson for piano pedagogy majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 122. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 114. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson for piano pedagogy majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 123. Diction</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Class instruction in English, Italian, German, and French diction based upon the understanding and application of the International Phonetic Alphabet.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 116. Introduction to Music Education</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Introduction to music education in the public schools, P-12. Historical perspectives, philosophies, curricula. Off-campus observations.  <b>Note:</b> Must be taken the first spring semester of enrollment in a music education degree program.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 124. Diction</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Grasp of International Phonetic language needed for MUS 124.  <b>Description:</b> Class instruction in English, Italian, German, and French diction based upon the understanding and application of the International Phonetic Alphabet.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 118. Introduction to Jazz Improvisation</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Admission to School of Music or by approval of instructor.  <b>Description:</b> Introduction to jazz improvisation with emphasis on applications for the music educator/therapist. Development of instructional strategies for use in teaching improvisation.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>		

<p><b>MUS 125. Arts Instrument</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 131. Piano Class</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Two one-hour classes weekly. Prepares the student for the piano proficiency examination. Students must pass the complete piano proficiency examination before receiving credit for the final semester of the piano requirement appropriate for their degree. Students must be enrolled continuously in the class until their piano requirement has been completed.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 126. Arts Instrument</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 132. Piano Class</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 131.  <b>Description:</b> Two one-hour classes weekly. Prepares the student for the piano proficiency examination. Students must pass the complete piano proficiency examination before receiving credit for the final semester of the piano requirement appropriate for their degree. Students must be enrolled continuously in the class until their piano requirement has been completed.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 127. Class Piano-Beginners I</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Introduction to basic techniques of practical piano playing. Students do not need prior experience with the piano or with music.  <b>Note:</b> Not open to Music majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 133. Functional Study</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 128. Class Piano-Beginners II</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Students should be able to read grand staff notation and be able to play simple hands-together piano pieces.  <b>Note:</b> Not open to Music majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 134. Functional Study</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 129. Cardinal Singers</b> <span style="float: right;"><b>0.5 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> Honors choral ensemble with entrance by audition only.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 137. Percussion Methods</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Music Education Major or permission of instructor.  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Methods, materials, and techniques for class instruction on percussion instruments and materials for the beginning band.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 130. Jazz Piano Class</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 132 or approval of instructor.  <b>Description:</b> This course is designed to give those unfamiliar with the jazz idiom a basic overview of the following skills as they pertain to the piano: voicings for basic jazz harmonic structures in all keys, basic voice leading, bass line construction, form, and basic improvisation skills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

<p><b>MUS 138. Jazz Improvisation</b></p> <p><b>Term Typically Offered:</b> Spring Only</p> <p><b>Description:</b> This course is designed to provide the student with an introduction to jazz improvisation. Experience with basic harmony will be accomplished through the practical use of scale - choral relationships, jazz notation, ear training, rhythmic concepts, jazz style, and articulation. Each student will be required to improvise on the instrument of their choice.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 145. Secondary Composition</b></p> <p><b>Term Typically Offered:</b> Fall, Spring</p> <p><b>Prerequisite(s):</b> Permission of instructor.</p> <p><b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.</p> <p><b>Description:</b> For the non-composition major who wishes to study principles and techniques of composition.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 141. Theory I</b></p> <p><b>Term Typically Offered:</b> Fall Only</p> <p><b>Prerequisite(s):</b> Admission to the School of Music or permission of instructor.</p> <p><b>Description:</b> An introduction to the principles of harmony and voice leading, coordinated with ear training, sight singing, and keyboard harmony, and incorporating a review of the rudiments of music.</p> <p><b>Note:</b> Students who do not pass the computer-based Fundamentals Test prior to the beginning of the fall semester are required to enroll in MUS 91 for 0 credits concurrently with MUS 141.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 146. Secondary Composition</b></p> <p><b>Term Typically Offered:</b> Fall, Spring</p> <p><b>Prerequisite(s):</b> Permission of instructor.</p> <p><b>Description:</b> For the non-composition major who wishes to study principles and techniques of composition.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 142. Theory II</b></p> <p><b>Term Typically Offered:</b> Spring Only</p> <p><b>Prerequisite(s):</b> MUS 141; admission to the School of Music or permission of instructor.</p> <p><b>Description:</b> Further study of harmony and musicianship, including non-chord tones, seventh chords, secondary-function chords, modulation, and elementary form.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 147. Class Guitar I</b></p> <p><b>Term Typically Offered:</b> Fall, Spring</p> <p><b>Description:</b> To acquire a basic working knowledge of the guitar and its possible functions.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 143. Composition and Orchestration</b></p> <p><b>Term Typically Offered:</b> Fall, Spring</p> <p><b>Prerequisite(s):</b> Permission of instructor.</p> <p><b>Corequisite(s):</b> MUS 441.</p> <p><b>Description:</b> Principles and techniques for students of composition.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 148. Class Guitar II</b></p> <p><b>Term Typically Offered:</b> Spring Only</p> <p><b>Prerequisite(s):</b> MUS 147 or permission of instructor.</p> <p><b>Description:</b> Continuation of MUS 147.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 144. Composition and Orchestration</b></p> <p><b>Term Typically Offered:</b> Fall, Spring</p> <p><b>Prerequisite(s):</b> MUS 143 or permission of instructor.</p> <p><b>Corequisite(s):</b> MUS 441.</p> <p><b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.</p> <p><b>Description:</b> Principles and techniques for students of composition.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 152. Beginning Class Guitar - D2, AH</b></p> <p><b>Term Typically Offered:</b> Fall, Spring</p> <p><b>Prerequisite(s):</b> Students must have little or no prior knowledge of the guitar.</p> <p><b>Description:</b> This introductory course for beginning guitar students establishes and develops fundamental musicianship and technical skills required for guitar playing in any style. Course activities will challenge students to acquire these fundamentals through active learning in daily practice, to think critically about the application of music fundamentals to music performance, and attain an understanding for the guitar and its varied roles in western music through historical and cross-cultural studies. Additional studies will provide basic contextual knowledge of guitar history, literature and repertoire. Assignments include a research paper, performance observations, readings and unit reports. All students may take this course.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

<p><b>MUS 170. Introduction to Musical Acoustics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Basic knowledge of personal computer operating systems.  <b>Description:</b> Introduction to the physical principles of sound waves required to understand the phenomenon of music, the characteristics of musical instruments, the perception of sound, and how sound affects rooms. Digital audio theory, transducers (microphones and loudspeakers), and production studio hardware and digital audio workstation software are also introduced. Emphasis is on the practical aspects of acoustics in making music.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 202. Major Applied Study</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> One hour private lesson for performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 171. Audio Engineering</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 170 or permission of the instructor.  <b>Description:</b> Provides instruction and hands-on experience in music recording &amp; production using digital audio workstation software and studio hardware. Topics include recording, editing, mixing, and mastering digital audio. Students will learn how to utilize audio equipment in a production studio and in the field.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 203. Major Applied Study</b> <b>4 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> PIANO: First year: Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year: Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year: Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year: Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 197. Piano Proficiency</b> <b>0 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> The Proficiency is a gate that must be passed through in order for a student (usually a Sophomore) to gain admission to Senior College Study. The exam covers numerous aspects of a musician's grasp of piano fundamentals, such as: performing a composition from the standard keyboard literature, accompanying a singer or instrumentalist, harmonizing a given melody, sight-reading, and transposition. The Proficiency may be performed all or in part during scheduled times throughout the school year.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 204. Major Applied Study</b> <b>4 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> PIANO: First year: Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year: Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year: Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year: Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 198. Jazz Piano Proficiency</b> <b>0 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Shows students grasp of basic jazz skills as they pertain to the piano; voicings, basic voice leading, base line construction, form, and basic improvisation skills.  <b>Note:</b> Required for jazz majors in the BA or BM degrees.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 205. Jazz Applied</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 201. Major Applied Study</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> One hour private lesson for performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 206. Jazz Applied</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>MUS 211. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> For students majoring in composition, music education, music history, music therapy, or theory.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 219. Class Ukulele</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Open only to Music Therapy majors.  <b>Description:</b> For students from beginning to intermediate levels to improve their ukulele playing skills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 212. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> For students majoring in composition, music education, music history, music therapy, or theory.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 221. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 213. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> One hour private lesson for piano pedagogy majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 222. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 214. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> One hour private lesson for piano pedagogy majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 225. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 217. Class Guitar I for Music Therapy</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Class Guitar is designed to establish a firm and comprehensive knowledge of the guitar as an accompanying and solo instrument. This course may enhance any pre-existing ability on the guitar, while providing essential rudiments for both the music and non-music major.  <b>Note:</b> Prior knowledge &amp; experience in basic musical skills (note reading, basic theory) is preferred, but not required.  <b>Note:</b> For Music Therapy majors.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 226. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 218. Class Guitar II for Music Therapy</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 217 or permission of instructor.  <b>Description:</b> Designed to enhance the comprehensive knowledge of the guitar as an accompanying and solo instrument. Focus will be on an expansion of appropriate repertoire and accompaniment patterns, as well as to improve on technical exercises and studies.  <b>Note:</b> For Music Therapy majors.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 227. Voice Class</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> For music majors in fall and non-music majors in spring.  <b>Description:</b> Basic techniques of vocal production.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>

<p><b>MUS 228. Elementary School Music Methods</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 231 or MUS 232; admission to teacher education.  <b>Description:</b> Organizing, teaching, and supervising a grade school music program. Methods, materials, techniques for singing and playing, rhythmic movement, listening, and other creative experiences in music.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 235. Woodwind Methods</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> For Music Education students only whose principle instrument is brass, woodwind, or percussion.  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Presents framework to aid student in acquiring knowledge and skills for playing and teaching the five main woodwind instruments. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 229. Introduction to Woodwinds</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Presents framework to aid student in acquiring knowledge and skills for playing and teaching woodwind instruments.  <b>Note:</b> For music education students whose primary instrument is keyboard, voice, or strings.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 236. Advanced Woodwind Methods</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 235.  <b>Fee:</b> An additional \$25.00 is charged for this course.  <b>Description:</b> For students who need two semesters of Woodwind Methods. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 231. Piano Class III</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 131 and MUS 132.  <b>Description:</b> Two one-hour classes weekly. Prepares the student for the piano proficiency examination at the end of MUS 231. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 241. Theory III</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 142; admission to the School of Music or permission of instructor.  <b>Description:</b> Chromatic harmony, creative writing in 18th- and 19th-century style, further study of form. Ear training, sight singing and keyboard harmony coordinated with written work. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 232. Piano Class IV</b> <span style="float: right;"><b>0 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 131, MUS 132, and MUS 231.  <b>Description:</b> Review course for students who need to complete MUS 297. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 242. Theory IV</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 241; admission to the School of Music or permission of instructor.  <b>Description:</b> Late 19th-century and 20th-century compositional techniques and styles, including expanded tonality, non-serial-tonality, serialism, aleatory, and electronic music. Advanced ear training, sight singing, and keyboard harmony. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 233. Functional Study</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One half-hour private lesson weekly in an applied area. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 243. Composition and Orchestration</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 142 and MUS 144, or permission of instructor.  <b>Corequisite(s):</b> MUS 441.  <b>Description:</b> Principles and techniques for students of composition.  <b>Note:</b> Public presentation required.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 234. Functional Study</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 244. Composition and Orchestration</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 243 or permission of instructor.  <b>Corequisite(s):</b> MUS 441.  <b>Description:</b> Principles and techniques for students of composition.  <b>Note:</b> Public presentation required.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>MUS 245. Secondary Composition</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 146.  <b>Description:</b> For the non-composition major who wishes to study principles and techniques of composition.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 266. Service Playing II</b>  <b>Term Typically Offered:</b> Not Offered  <b>Description:</b> Historical survey of Christian Hymnody. Classification and use of hymn texts and tunes.  <b>Note:</b> Required of all organ majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 246. Secondary Composition</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 245.  <b>Description:</b> For the non-composition major who wishes to study principles and techniques of composition.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 267. Music Theory Seminar</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Survey current articles, prepare and discuss analyses, and survey current activities and practices in music theory.  <b>Note:</b> Course can be repeated.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0.5 Units</b></p>
<p><b>MUS 252. Introduction to Brass</b>  <b>Term Typically Offered:</b> Fall Only  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Introduction to Brass family, focusing on trumpet, horn, trombone, and tuba.  <b>Note:</b> For students who lack strong background on wind instruments.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 268. New Media Seminar</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Music and New Media majors and minor only, or permission of instructor.  <b>Description:</b> This course is part of the degree requirements for the BA in Music with emphasis in Music and New Media. The New Media Seminar will provide a forum for new media topics, issues, and activities, will foster community among students studying in the New Media program, and will help prepare new media students for their capstone projects in their senior year.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0.5 Units</b></p>
<p><b>MUS 253. Brass Methods</b>  <b>Term Typically Offered:</b> Fall Only  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Focus on development of strong pedagogical skills through performance on trumpet, horn, trombone, euphonium, and tuba.  <b>Note:</b> For Music Education majors with strong background in brass, woodwind or percussion instruments.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 270. Creative Audio Recording and Production Techniques</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Open to composition students: available to others by permission of department.  <b>Description:</b> Introduces students to the techniques and aesthetics as well as the theory and practices of computer generated/assisted music and composition.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 254. Advanced Brass Methods</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 253.  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> To further develop understanding of brass instruments through more intensive performance experience. Primarily for woodwind and percussion music education majors to bolster their comfort and experience performing on brass instruments introduced in MUS 253.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 271. Sound Design</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 170.  <b>Description:</b> Introduction to the principles of sound design in a broad and diverse manner, with a focus on synthesis, sampling, and sound design projects for music composition and music production. Theoretical and technical topics relating to the creation of sound will be presented, with an emphasis on facilitating student projects                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MUS 265. Service Playing I</b>  <b>Term Typically Offered:</b> Not Offered  <b>Description:</b> Historical survey of Christian Hymnody. Classification and use of hymn texts and tunes.  <b>Note:</b> Required of all organ majors.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>		

<p><b>MUS 297. Piano Proficiency</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> The Proficiency is a gate that must be passed through in order for a student (usually a Sophomore) to gain admission to Senior College Study. The exam covers numerous aspects of a musician's grasp of piano fundamentals, such as: performing a composition from the standard keyboard literature, accompanying a singer or instrumentalist, harmonizing a given melody, sight-reading, and transposition. The Proficiency may be performed all or in part during scheduled times throughout the school year.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0 Units</b></p>	<p><b>MUS 305. Jazz Applied</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 301. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 306. Jazz Applied</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 302. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 311. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 303. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 312. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 304. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty Consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> PIANO: First year: Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year: Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year: Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year: Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 313. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for piano pedagogy majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>
<p><b>MUS 305. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 314. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for piano pedagogy majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>
<p><b>MUS 306. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 321. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>

<p><b>MUS 322. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 332. Piano Class</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 231 or MUS 232, and MUS 331.  <b>Description:</b> Standard keyboard needs for the choral teacher, the voice coach, and the teacher in the general music classroom. The course prepares the student for the second piano proficiency examination.  <b>Note:</b> For music education vocal emphasis only.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 325. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 333. Functional Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 326. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 334. Functional Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 328. Frameworks for Teaching Music in a Diverse Society</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 228 and admission to teacher education.  <b>Description:</b> Introduces methods used for teaching music to children in sixth grade through high school. Special topics, special populations, and discipline are investigated in detail.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 335. String Methods I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Methods, materials, and techniques for class instruction on string instruments and materials for the string orchestra.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 331. Piano Class</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 231 or MUS 232.  <b>Description:</b> Standard keyboard needs for the choral teacher, the voice coach, and the teacher in the general music classroom. The course prepares the student for the second piano proficiency examination.  <b>Note:</b> For music education vocal emphasis only.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 336. String Methods II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 335.  <b>Fee:</b> An additional \$10.00 is charged for this course.  <b>Description:</b> Methods, materials, and techniques for class instruction on string instruments and materials for the string orchestra.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>

- MUS 337. Marching Band Methods** **1 Unit**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to teacher education.  
**Description:** Covers administration and management of the high school marching band as part of a total instrumental music program in the public schools.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 338. Jazz Methods** **2 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** MUS 242 or permission of instructor, and admission to teacher education.  
**Description:** This course is designed as an upper division course for juniors and/or seniors who are preparing for a career in secondary music education. It will address the necessary skills for developing and directing a successful jazz band/choir program on the secondary level. The course will explore the historical and philosophical basis for jazz/band choir as an integral part of a comprehensive music curriculum and will provide methodology for interpreting jazz notation and teaching jazz style and improvisation.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 339. String Pedagogy and Educational String Literature** **1 Unit**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MUS 335 and MUS 336 or permission of instructor, admission to teacher education.  
**Description:** This course is designed for the string education specialist or as an elective for string performance majors. Included will be a survey of orchestra literature for middle/high school orchestra and the structuring of a private teaching studio and a survey of appropriate solo and etude literature. May include discussion of the Suzuki Method.  
**Note:** Optional Practicum.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 340. Jazz Improvisation II** **2 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MUS 138 or permission of instructor.  
**Description:** This course is designed to provide the student with the opportunity to experience jazz improvisation through the study, memorization, and performance of standard jazz repertoire. Harmonic, melodic, and rhythmic concepts will be stressed as they apply to the jazz idiom. Extensive ear training, work with II V 7 I progressions, transcribed solos by master improvisors and student compositions will provide additional study material. Each student will be required to improvise on the instrument of their choice.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 342. Band Pedagogy and Educational Wind Band Literature** **1 Unit**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to teacher education.  
**Description:** Survey of band literature for middle/high school band and appropriate secondary level solo and etude literature, and the structuring of a private teaching studio.  
**Note:** For wind, brass, or percussion education specialist or as an elective for performance major in these areas.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 343. Composition and Orchestration** **2 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUS 244 or permission of instructor.  
**Corequisite(s):** MUS 441.  
**Description:** Principles and techniques for students of composition. Public presentation required.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 344. Composition and Orchestration** **2 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUS 343 or permission of instructor.  
**Corequisite(s):** MUS 441.  
**Description:** Principles and techniques for students of composition. Public presentation required.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 345. Orchestral Scoring** **2 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MUS 141, MUS 142, MUS 241 for BA students, MUS 242 for all other majors.  
**Description:** To become familiar with characteristics, technical capabilities, and idiomatic uses of orchestral instruments.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 346. Band/Choral Scoring** **2 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Completion of core theory for BA students, MUS 242 for all other majors.  
**Description:** To become familiar with characteristics, technical capabilities, and idiomatic uses of band instruments and voices.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 347. Analysis I** **2 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MUS 241.  
**Description:** An analytical study of harmonic, contrapuntal, and formal procedures as found in the works of such composers as Bach, Haydn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, etc.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUS 348. Analysis II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 347.  <b>Description:</b> An analytical study of harmonic, contrapuntal, and formal procedures as found in the works of such composers as Bach, Haydn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, etc.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 354. Contemporary Composition Techniques II</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 242 and MUS 353, or permission of instructor.  <b>Description:</b> Introduction to compositional techniques of varying styles and aesthetics common in 20th / 21st century composition.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 349. Jazz Analysis</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 241.  <b>Description:</b> Comparative analytical study of harmonic, melodic, and formal procedures as found in American Jazz music.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 355. The Evolution of Jazz</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 138, MUS 242, MUS 361, MUS 362, and MUS 363; or permission of instructor.  <b>Description:</b> Traces the evolution of jazz from origins to present. Focus on development of various stylistic trends through innovators of each stylistic trend. Socio-economic factors influencing the music.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MUS 350. Analysis of Electronic Media</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 271.  <b>Description:</b> A study of the theory, analysis, and practice of sound in electronic media, including film, television, video games, and other digital media, with a focus on auditory exploration and practical applications that facilitate the artistic practice of sound design.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 359. Conducting I</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 141, MUS 142, and MUS 241.  <b>Description:</b> Introduction to and experience with the fundamental gestures, terms, and procedures involved in leading a musical ensemble.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 351. Studies in Jazz</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 242 or permission of instructor.  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> Section 01 Jazz Style and Analysis Explores through style analysis and transcriptions the major contributions to the art of soloing in a historical context. Section 02 Jazz Theory Focus on understanding jazz improvisation through the study of harmony, chord and scale function, form rhythm, meter and articulation as they relate to the jazz idiom.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 360. Conducting II</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 359.  <b>Description:</b> A continuation of MUS 359 with specific emphasis on the conducting of ensembles of one of the following types: (1) Choral or (2) Instrumental                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 352. Jazz Repertoire</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Successful completion of Jazz Barrier Exam or by approval of instructor.  <b>Description:</b> Focus on introducing and expanding the student's knowledge of repertoire associated with the jazz idiom.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 361. Music Literature I (1000-1750)</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 141 and MUS 142; permission of instructor required for non-music majors.  <b>Description:</b> Study of selected topics relating to development or history from 1000-1750.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>MUS 353. Contemporary Composition Techniques I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 142 (or AP equivalent) or permission of instructor.  <b>Description:</b> Introduction to compositional techniques of varying styles and aesthetics common in 20th / 21st century composition.  <b>Note:</b> students should have basic knowledge of industry standard music notation software.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 362. Music Literature II (Classical &amp; Early Romantic Music)</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 141 and MUS 142; permission of instructor required for non-music majors.  <b>Description:</b> Study of selected topics relating to development of music history from Classical to early Romantic music.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>

<p><b>MUS 363. Music Literature III (1860-present)</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 141 and MUS 142; permission of instructor required for non-music majors.  <b>Description:</b> Study of selected topics relating to development of music history from 1860-present.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 376. Sound Art</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 270 or permission of instructor.  <b>Description:</b> Course takes an experimental approach to sound as it shapes aesthetic space and times, and explores the forms that shape the medium. Emphasis on expanded process of listening and investigates the capacity of sound to change our perceptions of ourselves, one another, and spaces we traverse, and the environments we inhabit.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 370. Seminar in Music History</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MUS 361 and permission from the department.  <b>Description:</b> Study of selected topics relating to development or history in one of the following subject areas: - History of Chamber Music (solo and ensemble music), - History of Secular Vocal Music (opera, cantata, and art song), - History of Orchestral Music (concerto and symphony), - History of Sacred Vocal Music (mass, oratorio, magnificat, passion, and cantata), - Traditional Music of Kentucky and the South (ballads, dance tunes, old time, bluegrass, and shape note music), - Opera Repertory - History of Jazz (surveys blues, traditional jazz, swing, bebop, free, and progressive). Opera Repertory.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 396. New Media Internship</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Upper division standing in Music &amp; New Media, or permission of the instructor.  <b>Description:</b> This course is part of the degree requirements for the BA in Music with emphasis in Music and New Media degree. The New Media Internship will provide hands-on industry experience in the professional fields of music technology and new media.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 371. Piano Pedagogy I</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> A survey of piano teaching procedures, beginning methods, and materials for the elementary student, including observation of private instruction and supervised teaching.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 397. Junior Recital</b> <b>0 Units</b>  <b>Grading Basis:</b> Credit/No Credit  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$35.00 is charged for this course.  <b>Description:</b> A grade of "CR" credit will be given when the recital is complete. A student must be simultaneously enrolled in at least one applied music course.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 372. Piano Pedagogy II</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> A survey of piano teaching procedures, methods, and materials for the intermediate student including observation of private instruction and supervised teaching.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 400. Theory Review</b> <b>0 Units</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Review of undergraduate theory coursework for entering graduate students who do not pass the Graduate Theory Entrance Exam.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 375. Music History Tutorial</b> <b>0.5 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Engages students with topics and methodologies pertinent to working with music of specific historical periods.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 401. Major Applied Study</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson for performance majors.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
	<p><b>MUS 402. Major Applied Study</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson for performance majors.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>MUS 403. Major Applied Study</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty Consent.  <b>Description:</b> PIANO: First year. Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year. Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year. Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year. Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 411. Principal Applied Study</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 404. Major Applied Study</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty Consent.  <b>Description:</b> PIANO: First year. Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year. Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year. Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year. Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 412. Principal Applied Study</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 405. Jazz Applied</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 413. Principal Applied Study</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson for piano performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 406. Jazz Applied</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 414. Principal Applied Study</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One hour private lesson for piano performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 421. Secondary Applied Study</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 422. Secondary Applied Study</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>MUS 425. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 436. Jazz Arranging II</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 435 or permission of instructor.  <b>Description:</b> This course will focus on fundamental four-part writing techniques associated with the big band jazz ensemble. Idiomatic use of counterpoint and harmonic substitution will be given emphasis. The principal, mainstream big band and traditional styles and forms will be a substantial component of study.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 426. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 437. Jazz Arranging III</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 436 or permission of instructor.  <b>Description:</b> This course will focus on arranging and orchestrating for the studio recording orchestra with a carry over into pops orchestra scoring techniques. Ranges and capabilities of orchestral instruments will be covered as will traditional and contemporary groupings of these instruments. Line cliché, harmonic and melodic devices, and form will be of specific focus.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 428. Choral Techniques</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUS 359 and admission to Teacher Education.  <b>Description:</b> Emphasizes vocal problems from the standpoint of the choral conductor or song leader.  <b>Note:</b> Best if taken concurrently with MUS 360.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 440. Jazz Improvisation III</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 340 and at least four semesters of MUS 119 or MUS 109, or by approval of instructor.  <b>Description:</b> To increase the student's ability to improvise over standard chord progressions in various keys and at a variety of tempos.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 433. Functional Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 441. Composition Seminar</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Corequisite(s):</b> MUS 143, MUS 144, MUS 243, MUS 244, MUS 343, MUS 344, MUS 443, or MUS 444.  <b>Description:</b> May be repeated for a total of eight semesters. A forum for compositional topics, issues, and activities. Intended for theory/composition majors; open to others by special permission of instructor.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0 Units</b></p>
<p><b>MUS 434. Functional Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 443. Composition and Orchestration</b>  <b>Term Typically Offered:</b> Spring, Summer  <b>Prerequisite(s):</b> MUS 344 or permission of instructor.  <b>Corequisite(s):</b> MUS 441.  <b>Description:</b> Principles and techniques for students of composition. Public presentation required.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 435. Jazz Arranging I</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 242 or permission of instructor.  <b>Description:</b> This course is designed to familiarize the student with all of the rudimentary techniques associated with the art of arranging jazz music. Two- and three-part writing techniques associated with the traditional jazz combo will be the focus. Fundamentals of instrument range, transposition, low interval limits, and performance variants will be covered.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>		

**MUS 444. Composition and Orchestration - CUE** **2 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUS 443 or permission of instructor.  
**Corequisite(s):** MUS 441.  
**Description:** Principles and techniques for students of composition. Public presentation required.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 461. Baroque Keyboard Lit** **2 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Survey of Keyboard Literature from the Middle Ages to the end of the Baroque Period.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 471. Piano Pedagogy III** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** A continuation of MUS 371 and MUS 372, emphasizing group and adult piano teaching. Includes observation and supervised practice teaching.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 472. Piano Pedagogy IV** **3 Units**  
**Term Typically Offered:** Spring Only  
**Description:** A continuation of MUS 371 and MUS 372, emphasizing advanced levels of piano teaching. Includes observation and supervised practice teaching.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 475. Pedagogy Practicum I** **1 Unit**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Taken simultaneously with the 3rd semester of pedagogy courses.  
**Description:** To teach weekly lessons to a beginning elementary student.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 476. Pedagogy Practicum II** **1 Unit**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Taken simultaneously with the 4th semester of pedagogy courses.  
**Description:** To teach weekly lessons to a beginning elementary student.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 477. Special Topics in New Media** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUS 270, MUS 271, or permission of instructor.  
**Description:** Variable topics focusing on advanced topics relevant to the intersections between the arts and technology.  
**Note:** Course may be repeated as topics vary.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 480. Entrepreneurship for the 21st Century Musician** **1 Unit**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Open to juniors and seniors.  
**Description:** This course is part of a broader effort to transform the ways in which we prepare 21st-century musicians by cultivating the creative and imaginative powers that reside at the heart of the artist-entrepreneur.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 490. Jazz Graduate Piano Proficiency** **0 Units**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring  
**Description:** Incoming School of Music graduate students majoring in Jazz Performance or Jazz Composition/Arranging must demonstrate proficient jazz piano skills. Incoming student demonstrating deficiencies will work with the instructor to develop a plan to complete the required proficiency prior to graduation.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 495. Senior Research Paper/Project - CUE** **0 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** BM Pre-Certification students will present either 1) a teaching/lecture demonstration live or documented on video, or 2) a curriculum development project as a culminating undergraduate experience(CUE).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUS 496. BA Capstone Project</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Senior standing in BA Music (General or Jazz).  <b>Description:</b> Project to be determined in consultation with an advisor and approved by the Director of Undergraduate Studies. Options include but not limited to a recital, paper, internship, or service project.  <b>Note:</b> May require a co-enrollment in appropriate course(s).</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0 Units</b></p>	<p><b>MUS 500. Music History Review</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> The purpose of the course is to provide the student with a reasonable method of removing deficiencies revealed by the Graduate Entrance Examination. No graduate student will be allowed to enroll in any graduate course in a historical period in which he has failed to pass the corresponding section of the Graduate Entrance Examination until he has removed his deficiency in the history of the subject. Areas covered are: deficiencies within the period from the Middle Ages to 1530; deficiencies within the period between 1530 and 1750; deficiencies within the period between 1750 and 1850; and deficiencies within the period from 1850 to the present.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0 Units</b></p>
<p><b>MUS 497. Senior Recital - CUE</b>  <b>Grading Basis:</b> Credit/No Credit  <b>Term Typically Offered:</b> Fall, Spring  <b>Fee:</b> An additional \$35.00 is charged for this course.  <b>Description:</b> A grade of "CR" credit will be given when the recital is complete. A student must be simultaneously enrolled in at least one applied music course.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0 Units</b></p>	<p><b>MUS 501. Major Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> One-hour private lesson for performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 498. Thesis Guidance - CUE</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> CUE course thesis for Theory majors.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2-4 Units</b></p>	<p><b>MUS 502. Major Applied Study</b>  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for performance majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 499. Senior Research Paper/Project - CUE</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> CUE course paper project for Music History majors.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1-4 Units</b></p>	<p><b>MUS 503. Major Applied Study</b>  <b>Prerequisite(s):</b> Faculty Consent.  <b>Description:</b> PIANO: First year: Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year: Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year: Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year: Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>

<p><b>MUS 504. Major Applied Study</b>  <b>Prerequisite(s):</b> Faculty Consent.  <b>Description:</b> PIANO: First year. Student will study scales and arpeggios, Bach 2-Part Inventions, Sonatas by Haydn or Mozart, and compositions by such composers as Beethoven, Schubert, Chopin, Mendelssohn, Grieg. Second Year. Student will study scales and arpeggios, and literature equivalent to Bach 3-Part Inventions or French Suites, Sonatas by Beethoven or Schubert, Mozart Fantasia or Rondo, Scarlatti Sonatas, compositions by Chopin, Schumann, Brahms, Debussy. Third Year. Student will study technical materials and such materials as Bach English Suites or Preludes and Fugues, Sonatas by Mozart of Beethoven, Haydn Variations, Mozart Concertos or compositions by Chopin, Liszt, Rachmaninoff, Debussy. Fourth Year. Student will study technical materials and such materials as Bach Partitas and Preludes and Fugues, Sonatas by Beethoven, Schumann, or Chopin, Mozart or Beethoven</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>	<p><b>MUS 512. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 505. Jazz Applied</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 513. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for piano pedagogy majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>
<p><b>MUS 506. Jazz Applied</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson focusing on the jazz idiom. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 514. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for piano pedagogy majors. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>4 Units</b></p>
<p><b>MUS 509. Major Ensembles</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Graduate standing in music or by permission of instructor.  <b>Description:</b> Symphony Orchestra; Symphonic Band; Early Music Ensemble; Opera Theater; Jazz Ensemble; Jazz Repertory Ensemble, Concert Band; Pep Band; Wind Ensemble; Wind Symphony, New Music Ensemble; Marching Band; University Chorus; Collegiate Chorale, Vocal Jazz Ensemble, Singing Cardsmen, Women's Chorus, Jazz Lab.  <b>Note:</b> May not be used for credit towards a graduate degree.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 519. Minor Ensembles</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Graduate standing in music or by permission of instructor.  <b>Description:</b> Study and performance of works for small ensembles: Piano; String; Woodwind; Brass or Percussion Ensemble; Improvisation; Guitar; Jazz Combo (Instrumental); Jazz Ensemble; Brass Chamber Music, Historical Brass Ensemble, Trombone, Tuba or Tuba/Euphonium; Saxophone Ensemble; Opera Workshop; Clarinet, Flute, Harp Ensemble; Community Band; Historical Instruments and Techla, Cardinal Rule. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0.5 Units</b></p>
<p><b>MUS 511. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$400.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 521. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 512. Principal Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One-hour private lesson for students majoring in composition, music education, music history, music therapy, or theory. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 522. Secondary Applied Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course. Fee is charged for non-music majors only.  <b>Description:</b> A secondary applied music course carried in addition to the student's major or principal field. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>

<p><b>MUS 525. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Fee:</b> An additional \$200.00 is charged for this course.                      Fee is charged for non-music majors only.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 534. Functional Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 526. Arts Instrument</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> Half-hour private lesson for students pursuing the Bachelor of Arts in Music degree.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 535. Music Industry I</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Sixty credit hours earned.  <b>Description:</b> A study of current practices affecting the professional musician and a survey of career opportunities relating to music and industry.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 527. Choral Music in the Modern Secondary School</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Procedures and techniques for use with the high school chorus including such topics as selection of repertoire, voice production, diction, rehearsal psychology, and performance practice.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>	<p><b>MUS 536. Music Industry II</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MUS 535.  <b>Description:</b> Continuation of MUS 535. Includes broadcast, performance, marketing, retail sales, audio/video engineering, publishing, law, and labor relations.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 528. Musicians' Wellness</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> An intellectual and experiential understanding of the Alexander Technique and technique of "respiration awareness" mediation.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>	<p><b>MUS 537. Advanced Techniques for Marching Bands</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MUS 337 or permission of instructor.  <b>Description:</b> Problems in preparing the halftime show. Arranging for the marching band.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>
<p><b>MUS 529. Cardinal Singers</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Honors choral ensemble with entrance by audition only.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>0.5 Units</b></p>	<p><b>MUS 538. Studies in Pedagogy</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Upper Division or graduate standing.  <b>Description:</b> Pedagogy studies on specific instruments. Offered under separate sections.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>
<p><b>MUS 530. Choral Literature I</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> A survey of choral literature from chant to c.1750.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>		
<p><b>MUS 531. Choral Literature II</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> A survey of choral literature from c.1750 to present.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>2 Units</b></p>		
<p><b>MUS 533. Functional Study</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Faculty consent.  <b>Description:</b> One half-hour private lesson weekly in an applied area.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>1 Unit</b></p>		

- MUS 539. Studies in Jazz** 2 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Vary by section, see course description.  
**Description:** Focus on aural skills, transcription methods, and advanced jazz harmony topics. Extended functional harmony and advanced rhythmic concepts. Examples will focus on transcribed solos by established jazz masters. Sections include: (01) Jazz Style Analysis, Prereq: Theory IV and MUS 138 and permission of instructor. Explores jazz style through analysis of historically significant transcribed solos as played by jazz masters (02) Advanced Jazz Theory, Prereq: Jazz Theory I or passing grade on Jazz Theory Entrance Exam. (03) Standard Jazz Repertoire Prereq: MUS 138 and permission of instructor. Focuses on learning compositions from standard jazz repertoire. While improvisation is stressed as an important part of the learning process, the main objective will be to learn and memorize melodies and chord progressions of selected pieces from a number of musical styles. Each class session will concentrate on a specific style, composer, and/or type of composition tune. A variety of tempos and keys will be chosen. Selected compositions may be performed with play-a-long recordings or with other students in class.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 541. Private Non-Major Music Composition I** 2 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to graduate music study or permission of the instructor.  
**Description:** Composition study for graduate students who are not composition or music theory majors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 542. Private Non-Major Music Composition II** 2 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to graduate music study or permission of the instructor.  
**Description:** Composition study for graduate students who are not composition or music theory majors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 543. Advanced Composition** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of instructor.  
**Corequisite(s):** MUS 441 for undergraduates, MUS 669 for graduates.  
**Description:** Continuation of MUS 444. Public presentation required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 544. Advanced Composition** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Permission of Instructor.  
**Corequisite(s):** MUS 441 for undergraduates and MUS 669 for graduates.  
**Description:** Continuation of MUS 543. Public presentation required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 545. Advanced Instrumental Scoring** 2 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Undergraduate orchestration course or permission of instructor.  
**Description:** Analysis of orchestration techniques by 19th- and 20th-century composers.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 547. Chromatic Harmony and Analysis** 2 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** MUS 242 and MUS 347.  
**Description:** A study of chromatic harmony and voice leading, expanded tonality, and extended forms. Analysis of music of the late 19th and early 20th centuries; creative writing in styles of this period.  
**Note:** Credit not allowed for both MUS 547 and MUS 647.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 548. Post-Tonal Theory and Analysis** 2 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MUS 547.  
**Description:** Survey of post-tonal theory. Analysis of centric, atonal, serial, and other music composed since 1900.  
**Note:** Credit not allowed for both MUS 548 and MUS 648.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 549. Renaissance Counterpoint** 2 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Upper division or graduate standing.  
**Description:** A study of 16th-century vocal polyphony in the style of Palestrina, Lassus, et al.; including stylistic composition in two or more voices.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 550. Baroque Counterpoint** 2 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** Upper division or graduate standing.  
**Description:** A study of 18th-century counterpoint, emphasizing Bach's style and forms, including stylistic composition in two or more voices.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUS 551. Studies in Improvisation** 2 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Upper division, graduate standing in music, or permission of instructor.  
**Description:** Improvisation and open-form music are explored through creation and performance, and the study of various improvisation traditions.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUS 552. Pedagogy of Theory</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Analysis and discussion of various methods of teaching the elements of music theory.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 562. Literature</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> A survey of piano repertoire from the Romantic and Modern Eras.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 555. Instrument Repair</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Not Offered  <b>Description:</b> Repair of woodwind and brass instruments.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 563. Literature</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Upper division or graduate standing.  <b>Description:</b> Performance Literature for specific instruments. Offered under separate sections.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 557. Piano Technology I</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> Study of the complex inner workings of the piano. Includes basics of tuning and maintenance.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 564. Literature</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Upper division or graduate standing.  <b>Description:</b> Performance Literature for specific instruments. Offered under separate sections.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 558. Piano Technology II</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MUS 557 or permission of the instructor.  <b>Description:</b> Study of the complex inner workings of the piano. Includes basics of tuning and maintenance.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 565. Church Music Literature</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Not Offered  <b>Description:</b> Designed to acquaint the student with church music repertoire of the past and present and to give practical training in service playing and accompanying.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 559. Instrumental Conducting and Score Reading</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 346 or permission of instructor.  <b>Description:</b> Conducting techniques and problems for the public school instrumental director. Reading from full score. Survey of literature.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 566. Church Music Literature</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Not Offered  <b>Description:</b> Designed to acquaint the student with church music repertoire of the past and present and to give practical training in service playing and accompanying.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 561. Literature</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 361 series or permission of instructor.  <b>Description:</b> Offered under the various subtitles/sections: (01) Piano Literature I: A survey of piano repertoire from the Baroque and Classical Eras. (02) Band Literature: A survey of literature for wind and percussion instruments in large ensemble combinations focusing upon material for the standard instrumentation of the concert band. Emphasis will be given to dramatic change in the repertoire from 1950 to the present, particularly the implications for instrumental music education. Course work will include both artistic and practical considerations with study of works by Hindemith, Stravinsky, Schoenberg, Persichetti, Gould, and Ives. (03) Organ Literature: A comprehensive study in the field of organ literature from Schlich to Hindemith. No performance required. (05) Vocal Literature: A survey of vocal literature from the 18th century to the present day, with emphasis on standard repertoire. Program analysis and program building.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 567. Introduction to Electronic and Computer Music</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 270 or permission of instructor.  <b>Description:</b> Introduction to computer music studio, including MIDI sequencing, analog and FM sound synthesis, digital recording and editing, video synchronization, multimedia applications, and comprehensive study of the literature and styles of the class tape studios.  <b>Note:</b> Cross-listed with MUS 667.  <b>Note:</b> Credit not allowed for both MUS 567 and MUS 667.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**MUS 568. Advanced Topics in Computer Music** 2 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** MUS 567 or permission of instructor.

**Description:** Study of advanced synthesis techniques, digital sampling, direct digital synthesis, and study of recent literature and trends in computer music.

**Note:** Crosslisted with MUS 668.

**Note:** Credit not allowed for both MUS 568 and MUS 668.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 570. Studies in Music History** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** See note below.

**Description:** Areas of study are Medieval Music, Renaissance Music, Baroque Music, Viennese Classicism, Romantic Music, Twentieth-Century Music, Jazz, Opera Repertory. MUS 570, MUS 580, and MUS 585 - MUS 586 are intended for master's degree students or advanced undergraduates admitted by permission of the instructor and with the recommendation of the undergraduate advisor. The following criteria, subject to adjustment by the instructor according to the nature of the course and its organization, will distinguish the work of students registered under one or the other number. Students enrolled in either 500- or 600-level courses are required to write term papers. Research papers at the 600-level are expected to demonstrate originality and the ability to use resources in at least one foreign language, and in general are expected to be of a quality appropriate to a professional paper. While students enrolled at either level are required to participate in a seminar where presenting reports and papers, those registered at the 600-level may be required to assume full responsibility for the development and direction of a study, by the whole class, of a particular subject or problem.

**Note:** Master's degree students may enroll in these courses at the 600-level under two conditions: 1) when 600-level courses are required by a specific curriculum (eg, MM in Music History), and 2) with the approval of the student's advisor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 571. Pedagogy** 2 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Varies by section—see description.

**Description:** Topics vary by section. Sections include: (01) Piano Pedagogy: Prereq: MUS 371, MUS 372, MUS 471, MUS 472. Examination, evaluation, and discussion of piano teaching materials at all levels. (03) Advanced Brass Pedagogy Teaching, observing, study, research, and lecture of brass teaching techniques Prereq: For seniors or graduate students only. (05) Voice Pedagogy: Prereq: 3 years of college-level voice study. For advanced students wishing to study the principles and techniques involved in teaching voice, with supervised practice teaching designed to give practical studio teaching experience. (6) Organ Pedagogy Prereq: For Seniors or Grad Study only. Basic concepts of approaching & teaching beginning, intermediate, and advanced organ students. (07) Jazz Pedagogy Addresses pedagogical techniques of teaching jazz. Prereq: MUS 242 and MUS 351, or graduate student standing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 572. Pedagogy** 2 Units

**Term Typically Offered:** Fall, Spring

**Description:** Refer to: MUS 571.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 575. Music Production** 2 Units

**Term Typically Offered:** Fall, Spring

**Description:** Introduction to computer-based music recording and production using state-of-the-art software.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 576. Multimedia Production** 2 Units

**Term Typically Offered:** Spring Only

**Prerequisite(s):** Upper division or graduate standing in Music, or permission of the instructor.

**Description:** Introduction to technical aspects of creating multimedia projects with audio and video hardware and software.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 577. Marching Band Drill Writing** 2 Units

**Term Typically Offered:** Fall, Spring

**Description:** Introduces principles of contemporary and traditional drill writing techniques and styles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 578. The Music of the Black Church** 3 Units

**Term Typically Offered:** Fall Odd Years

**Prerequisite(s):** Upper division or graduate standing in Music, or permission of the instructor.

**Description:** This course is designed for the upper division or graduate student in music or Pan-African studies and explores the historical and musical development of African American sacred music from slavery to the present; from Spirituals to traditional and contemporary Gospel music. Special emphasis is given to the impact that this music has had on African-American culture in the United States, which represents a synthesis of African and European cultures into a unique hybrid with its own tradition of development.

**Note:** Cross-listed with PAS 578.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUS 579. 21st-Century Entrepreneurship for Musicians** 2 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Open to Juniors, Seniors, and graduate music majors.

**Description:** Part of a broader effort to transform the ways in which we prepare 21st-century musicians by cultivating the creative and imaginative powers that reside at the heart of the artist-entrepreneur.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUS 580. Seminars in the Music of the Great Composers</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> For masters students or for advanced undergraduates admitted by permission of the instructor and with the recommendation of the undergraduate advisor.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 590. Independent Study</b> <b>0.5-3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Students may take no more than 6 hours of Independent Study in fulfilling requirements for any degree.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 582. Seminar in Historical Performance Practice</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Graduate standing or faculty consent.  <b>Description:</b> Study and application of performance techniques from different eras based on period sources and modern study.  <b>Note:</b> Knowledge of one foreign language helpful, but not required.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 591. Special Topics</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> One or more advanced topics not treated comprehensively in regular course offerings. To understand why different interpretations of a musical piece are chosen and help student acquire tools to be an independent musician.  <b>Note:</b> May be repeated for credit when topics vary.  <b>Note:</b> Credit not allowed for both MUS 591 and MUS 691 on the same topic.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 583. Notation and Analysis</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> Paleography, transcription and editing of musical manuscripts and publications through the Renaissance.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 592. Suzuki Violin Teacher Training</b> <b>2 Units</b>  <b>Prerequisite(s):</b> Violin students playing at a minimum level of Seitz Concerto No.  <b>Description:</b> 5, Movement I, and Vivaldi Concerto in A Minor Movement 3. An understanding of and training in the Suzuki approach to violin instruction.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 585. Seminars in the History of Forms, Media, Philosophy, or Techniques of Composition</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> For master's students or for advanced undergraduates admitted by permission of the instructor and with the recommendation of the undergraduate advisor.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUS 597. Recital</b> <b>0 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> A grade of "CR" credit will be given when the recital is complete. A student must be simultaneously enrolled in at least one applied music course.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUS 586. Composition for Digital Media I</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 567, MUS 568, and upper division standing in the School of Music.  <b>Description:</b> Focus on advanced techniques, theory, and practices of computer-generated/assisted music composition.  <b>Note:</b> Credit not allowed for both MUS 586 and MUS 683.  <b>Note:</b> Crosslisted with MUS 683.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>Music Education (MUED)</b>            Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>).             500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.</p>
<p><b>MUS 587. Composition for Digital Media II</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUS 567, MUS 568, and MUS 586; upper-division standing in the School of Music.  <b>Description:</b> Continuation of topics studied in MUS 586.  <b>Note:</b> Cross-listed with MUS 684.  <b>Note:</b> Credit not allowed for both MUS 587 and MUS 684.             For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>Course Fees</b>            Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<a href="http://louisville.edu/bursar/tuitionfee/">http://louisville.edu/bursar/tuitionfee/</a>).</p>

**MUED 102. Practical Applications in Music Education 0.5 Units****Term Typically Offered:** Fall, Spring**Description:** Four to six semesters provides students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting.**Note:** For all music education and pre-certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 201. Practical Applications in Music Education 0.5 Units****Term Typically Offered:** Fall, Spring**Description:** Four to six semesters provide students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting.**Note:** For all music education and pre-certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534; for all music education and pre-certification degree students.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 202. Practical Applications in Music Education 0.5 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** MUED 201.**Description:** Four to six semesters provide students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting.**Note:** For all music education and pre-certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 301. Practical Applications in Music Education 0.5 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** MUED 202.**Description:** Four to six semesters provide students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting.**Note:** For all music education and pre-certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 302. Practical Applications in Music Education 0.5 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** MUED 301.**Description:** Four to six semesters provide students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting..**Note:** For all music education and pre-certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 316. Music and Movement in Early Childhood 2 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** Permission of instructor.**Description:** Methods, materials and philosophic rationales for caregivers, therapists, and teachers in pre-school, daycare and primary grade settings to develop and implement quality early childhood music and movement programs.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 401. Practical Applications in Music Education 0.5 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** MUED 302.**Description:** Four to six semesters provide students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting.**Note:** For all Music Education and Pre-Certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534.**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 402. Practical Applications in Music Education 0.5 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** MUED 401.

**Description:** Four to six semesters provide students with opportunity to interact with other students in professional setting for educational activities related to their degree. Includes rehearsal observations and practical rehearsal experience in conducting.

**Note:** For all Music Education and pre-certification degree students; must be taken prior to MUED 520, MUED 533, and MUED 534.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 405. Introduction to Orff Schulwerk: Music and Movement Education 1 Unit**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admittance to Teacher Education, upper division status in Music Therapy, or permission of instructor.

**Description:** Students will experience and learn fundamental elements of Orff Pedagogy-Music and Movement education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 505. Introduction to Orff Schulwerk: Music & Movement Education 2 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Graduate standing, admittance to Teacher Education, upper-division status in Music Therapy, or permission of instructor.

**Description:** Students will experience and learn fundamental elements of Orff Pedagogy-Music and Movement education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 516. Music and Movement in Early Childhood 2 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Permission of instructor.

**Description:** Methods, materials, and philosophic rationales for caregivers, therapists, and teachers in pre-school, daycare, and primary grade settings to develop early childhood music and movement programs.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 520. Student Teaching Elementary School - CUE 5 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** MUED 556, 2.75 overall GPA, admission to Teacher Education.

**Corequisite(s):** MUED 533 and MUED 534.

**Description:** Experience in the classroom and in the total school program in observation and supervised teaching at the elementary level.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 533. Human Interaction/Professional Growth 2 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Teacher Education; MUS 228 and MUED 556.

**Corequisite(s):** MUED 520 and 534.

**Description:** For student teacher to apply field experience to a professional philosophy while reflecting on career goals common to K.D.E. and MENC content standards of music education.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 534. Student Teaching Secondary - CUE 5 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** MUS 228, MUED 556, 2.75 GPA, admission to Teacher Education, and completion of 24 hours of teaching major is required.

**Corequisite(s):** MUED 520 and MUED 533.

**Description:** Provides supervised observation, participation, and teaching.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUED 556. Special Methods in Secondary Teaching 2 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to teacher education and MUS 228.

**Fee:** An additional \$10.00 is charged for this course.

**Description:** Course addresses the teaching of instrumental and/or vocal music in the elementary and secondary schools.

**Note:** Taken prior to MUED 520, MUED 533, and MUED 534.

**Note:** No student may receive credit for both MUED 556 and MUED 605 or MUED 606.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Music Education (MUSE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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#### MUSE 525. Public School Music 3 Units

**Term Typically Offered:** Not Offered

**Description:** Music fundamental and best practice for the classroom teacher as applied in P-6 settings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### MUSE 590. Independent Study 1-3 Units

**Term Typically Offered:** Not Offered

**Description:** Independent study on a topic done in consultation with a faculty member.

**Note:** Not open to music majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Music History (MUH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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#### MUH 204. Introduction to Music History - AH 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introductory course surveying history of Western art music from the Middle Ages to present. Special attention given to social, cultural, and political contexts in which music was created and performed throughout its history.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### MUH 205. Music in World Cultures - D2, SB 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** General introduction to the world of music covering basic elements of music along with the socio-cultural aspects of music and music-making from an ethnomusicological perspective.

**Note:** Cross-listed with ANTH 205.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### MUH 206. Fundamentals of Song Writing 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** For non-music majors, this course focuses on four forms used in popular song writing since 1965, using a combination of analytic study of these forms followed by individual creation of new songs in these styles.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### MUH 212. History of Rock and Roll - AH, D1 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Broad overview of historical development of Rock and Roll and its music precedents from mid-twentieth century to the early 1980s. Explores social, cultural, economic, and philosophical aspects of various styles of Rock and Roll music.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### MUH 214. African-American Music - D1, AH 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Examines African-American music from a historical perspective, from its origins to the present. It will explore the development of various stylistic trends that characterize African-American music and socio-economic factors and events which have influenced it. There will be discussion on the evolution of and changes in musical style and form. Students will be introduced to innovators via audio and video recordings.

**Note:** Cross-listed with PAS 214.

**Note:** Not open to music majors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- MUH 215. Hip-Hop Music and History - AH, D1** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** With an emphasis on music, this course will trace the history of Hip-Hop, from the varied influences that gave rise to this cultural phenomenon (such as the musical influences of R&B, Funk, and Jamaican music, and such political/social influences as the Black Power Movement and racial segregation) to the worldwide musical and cultural dominance that the genre holds today.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 217. History of Country Music - AH, D1** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Broad overview of historical development of Country Music and its music precedents from early twentieth century to present. Explores social, cultural, economic, and philosophical aspects of various styles of Country Music.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 218. Survey of American Jazz - D1, AH** 3 Units  
**Term Typically Offered:** Fall, Summer  
**Description:** Non-music majors will have a historical examination of the evolution of jazz music. They will study the development of various stylistic trends that characterize jazz and the socioeconomic factors and events that have influenced it as well as the evolution of its musical style and form. Students will be introduced to innovators through their recordings.  
**Note:** Cross-listed with PAS 218.  
**Note:** Not open to music majors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 219. Survey of Brazilian Music** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Course will trace evolution of Brazilian music from origins to present and explore development of various stylistic trends. Includes discussion of socio-economic factors and events influencing Brazil's native art music.  
**Note:** Cross-listed with PAS 219.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 220. American Soul Music: History, Style and Influence - D1, AH** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An examination of the history, style and influence of American Soul Music, African American popular music of the 1960's and 70's. Explores development of various stylistic trends that characterize this music style. Socio-economic and political factors and events that influenced diversity of styles will be included.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 230. Dance and Music in Society and Culture - AH, D1** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course explores music and dance together throughout history and across culture. By examining a wide variety of works from folk dance, social dance, court dance, theatrical dance, ballet, modern and the musics for each, students will form a deeper understanding of the role dance has played in society and culture, with special focus on a diverse array of American dance and music traditions, including Native American and African American dance. While the focus is on sound and movement, students will encounter both the richness and complexity of interdisciplinary study by also exploring race, gender, class, the entertainment industry, performance studies, film, embodiment, fashion, and sport.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 235. Dance Revolution: Disco, EDM, House and Beyond - AH, D1** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Dance Revolution: Disco, EDM, House and Beyond will examine the history of dance club culture and music from the advent of Disco and EDM in the late 1960's through present times. This course will place a special emphasis on exploring the role of drag culture and Queer clubs as not only safe spaces for members of the LGBTQ+ community but also their pivotal role in shaping much of American dance club culture as well as associated musical genres. While exploring the sound, style and pioneers of Disco, this course will address how this genre, and the virulent backlash against it, exposed the social and political fault lines existent within American society of the 1970's. Genres that were heavily influenced by Disco, such as electropop, synth-pop and House, will be studied, with a particular emphasis on the role of dance clubs within marginalized communities, and in particular House and Club Culture in Chicago. The music industry's co-opting of dance music styles and culture and the erasure of its cultural origins in order to meet the demands of the mainstream American music market will also be critically assessed. How the democratization of music creation through the development of new music media and how these technologies enabled the creation of the musical genres under study will be addressed throughout the semester. This course will also provide a musical and cultural exploration of various subgenres of EDM and House, such as Acid House, Detroit House and Crunk.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- MUH 301. Fundamentals of Music for Non-Majors** 3 Units  
**Term Typically Offered:** Not Offered  
**Description:** Historical perspectives of theory and practice of Western music and composition. Introduction to and practical application of notation, harmony, melody, form, media, and compositional techniques.  
**Note:** Not open to music majors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUH 303. Music of the Middle Ages and Renaissance</b> 3 Units  <b>Term Typically Offered:</b> Not Offered  <b>Prerequisite(s):</b> MUH 204 or faculty consent.  <b>Description:</b> From Gregorian chant through Palestrina and Lasso.  <b>Note:</b> Not open to music majors.</p>	<p><b>MUH 310. History of Jazz</b> 3 Units  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Introduction to the history of styles and forms in jazz from the late nineteenth century to the present.  <b>Note:</b> Not open to Music majors.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>MUH 304. Music of the Baroque</b> 3 Units  <b>Term Typically Offered:</b> Not Offered  <b>Prerequisite(s):</b> MUH 204 or faculty consent.  <b>Description:</b> Vocal and instrumental music from Monteverdi through Bach.  <b>Note:</b> Not open to music majors.</p>	<p><b>MUH 311. Studies in American Traditional Music</b> 3 Units  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> A survey of folk music from Kentucky and the South: dance tunes, old time, ballads, bluegrass, and shape note music.  <b>Note:</b> Not open to music majors.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>MUH 305. Music of the Classical and Early Romantic Periods</b> 3 Units  <b>Term Typically Offered:</b> Not Offered  <b>Prerequisite(s):</b> MUH 204 or faculty consent.  <b>Description:</b> Survey of Classical from early Haydn through early Wagner and Verdi.  <b>Note:</b> Not open to music majors.</p>	<p><b>MUH 313. Studies in Ethnomusicology - D2, SB</b> 3 Units  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> General introduction to the world of music and field of Ethnomusicology. Students will learn basic elements of music and various socio-cultural aspects of music and music-making from ethnomusicological perspective.  <b>Note:</b> Cross-listed with ANTH 313.  <b>Note:</b> Not open to music majors.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>MUH 306. Music of the Late Romantic and Modern Periods</b> 3 Units  <b>Term Typically Offered:</b> Not Offered  <b>Prerequisite(s):</b> MUS 204 or faculty consent.  <b>Description:</b> Survey of late Romantic through Contemporary eras (late Wagner/ Verdi through present day).  <b>Note:</b> Not open to music majors.</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUH 308. Music in America</b> 3 Units  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> A survey of America's concert and popular music from the Pilgrims to the present.  <b>Note:</b> Not open to music majors.</p>	<p><b>MUH 315. Music and Sound in Film</b> 3 Units  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Explores the art of music and sound in film from early cinema through today. Students will learn to critically listen to music and sound in film and develop an understanding of the history and broad impact of film and sound technology.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUH 317. Popular Music in American Culture - AH, D1</b> 3 Units  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Survey of historical development of American popular music from minstrelsy of mid-nineteenth century to hip-hop of late twentieth century. Explores social, cultural, economic, and philosophical aspects of various styles of American popular music including Ragtime, Tin Pan Alley, Jazz, Country and Western, Rhythm and Blues, Rock, and Rap.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUH 309. The Broadway Musical - AH</b> 3 Units  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Overview of the Broadway musical to present. Studies unique symbiotic relationship between two divergent art forms and the new genres this process has created.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUH 320. Women in Music: A History - AH, D1</b> 3 Units  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Addresses the historical and social contexts and social constructions of gender related to women and music, as well as the portrayal of women in musical works. Includes focus on Western art music as well as various genres of popular music.  <b>Note:</b> Cross-listed with WGST 320.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**MUH 401. Senior Thesis - CUE** **2 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** MUS 441.  
**Description:** Thesis course for Music History non-majors.  
**Note:** Not open to Music majors.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Music Therapy (MUTH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**MUTH 101. Introduction to Music Therapy** **1 Unit**  
**Term Typically Offered:** Fall Only  
**Description:** Overview of the use of music therapy with various populations, bases for the use of music in therapy, and professional issues in music therapy. Includes observation of a music therapy session.  
**Note:** Open to all interested students.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 113. Clinical Applications I-Music & Leadership Techniques** **0.5 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUTH 101.  
**Description:** Provide opportunity for Music Therapy students to apply learned skills to musical situations they will encounter as music therapists.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 201. Music Therapy Techniques I** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** MUTH 101; accepted as a Music Therapy major.  
**Description:** Skills for music therapy assessment, treatment planning and implementation, evaluation, and communication of progress; music therapy strategies and adaptations for specific clientele; group dynamics; skills for verbal facilitation. Observe and assist with music therapy sessions.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 202. Music Therapy Techniques II** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** MUTH 201; accepted as a Music Therapy major.  
**Description:** Music therapy strategies and adaptations for specific clientele; definition of music therapy; process of therapy, established theories of psychotherapy and relationship to music therapy. Observe and assist with music therapy sessions.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 213. Clinical Applications II-Clinical Repertoire: Group** **0.5 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUTH 113.  
**Description:** Continuation of MUTH 113.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 214. Clinical Applications III-Clinical Repertoire: Individual** **0.5 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** MUTH 213.

**Description:** Continuation of MUTH 213.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 301. Psychology of Music** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Courses or other background in music.  
**Corequisite(s):** Therapy majors take concurrently with MUTH 321.  
**Description:** Psychological foundations of music including neurology and the brain, cognition, perception, emotional meaning, musical development and learning; testing for musical ability; research methodology. Applications to music therapy, music education, and other musical interests.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>MUTH 302. Introduction to Research in Music Therapy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUTH 301; non-Music Therapy majors may take with permission of instructor.  <b>Description:</b> Conducting, reading, and interpreting music therapy research, including quantitative and qualitative methodologies. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUTH 322. Practicum II-Assessment and Outcomes</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUTH 321; accepted as a Music Therapy major.  <b>Description:</b> Supervised music therapy clinical experience. Application of music therapy principles and practices to clinical work.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>
<p><b>MUTH 311. Improvisation for Music Therapy I</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUTH 202, MUS 231, and MUS 297.  <b>Description:</b> To help Music Therapy students develop improvisational skills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>MUTH 325. Music Therapy Training Group I</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Three (3) Music Therapy courses or permission of instructor.  <b>Description:</b> A two-semester group experience in which students experience the music therapy group process as group members, learning about group process in music therapy.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>
<p><b>MUTH 313. Clinical Applications IV-Advanced</b> <b>0.5 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUTH 214.  <b>Description:</b> Continuation of MUTH 214                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>MUTH 326. Music Therapy Training Group II</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> MUTH 325.  <b>Description:</b> A two-semester group experience in which students experience the music therapy group process as group members, learning about group process in music therapy.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>
<p><b>MUTH 314. Clinical Music Therapy Applications V</b> <b>0.5 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MUTH 313.  <b>Description:</b> Continuation of MUTH 313.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUTH 315. Piano Accompaniment for Music Therapy</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> MUS 297.  <b>Description:</b> Provide Music Therapy students with skills needed to provide piano accompaniments for music therapy sessions. For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>MUTH 321. Practicum I-Treatment Planning</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> MUTH 202; accepted as a Music Therapy major.  <b>Description:</b> Supervised music therapy clinical experience. Application of music therapy principles and practices to clinical work.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>MUTH 328. Anatomy &amp; Physiology for Music Therapy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Music Therapy majors only, taken concurrently with Practicum in Music Therapy; must have completed sophomore barrier exam.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>MUTH 413. Clinical Music Therapy Applications VI</b> <b>0.5 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> MUTH 314.  <b>Description:</b> Continuation of MUTH 314.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**MUTH 421. Practicum III-Professional Development 1 Unit**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** MUTH 322; accepted as a Music Therapy major.

**Description:** Supervised music therapy clinical experience. Application of music therapy principles and practices to clinical work.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 422. Practicum IV-Seminar 1 Unit**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** MUTH 421; accepted as a Music Therapy major.

**Description:** Supervised music therapy clinical experience. Application of music therapy principles and practices to clinical work.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 431. Principles and Practices of Music Therapy I 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** MUTH 301; accepted as a Music Therapy major.

**Corequisite(s):** MUTH 321, MUTH 322, MUTH 421, or MUTH 422.

**Description:** Music therapy with people with learning, neurological, motor, and medical problems. Characteristics and needs; literature on music therapy with these problems; applications to clinical work.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 432. Principles and Practices of Music Therapy II 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** MUTH 431; accepted as a Music Therapy major.

**Corequisite(s):** MUTH 321, MUTH 322, MUTH 421, or MUTH 422.

**Description:** Music therapy with people with emotional, social, and behavioral problems. Characteristics and needs; literature on music therapy with these problems; applications to clinical work.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**MUTH 451. Music Therapy Internship - CUE 2 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Completion of all other courses towards music therapy degree; permission of department.

**Description:** Culmination of music therapy training; intensive, supervised clinical experience; minimum of 900 hours.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Nursing (NURS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**NURS 101. S.T.A.T. for Nursing Students (Success Tips And Techniques) 1 Unit**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to the School of Nursing or the College of Arts & Sciences Nursing pre-major student program plan.

**Description:** Campus culture course designed especially for nursing students. This course focuses on the multiple attributes and skills necessary for a successful course of study in the nursing program. Emphasis is on knowing and accessing available resources for optimal students learning outcomes.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 201. Introduction to Wellness Coaching 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course is designed to provide a hands on wellness coaching opportunity for university students. Students will practice wellness coaching techniques with their peers in class, under direct supervision of their instructor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- NURS 204. Optimal Wellness Coaching in Chronic Illness** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** NURS 201.  
**Description:** As part of the Wellness Coaching Minor curriculum, this course provides the opportunity for students to learn, apply and develop research-based best practices to empower clients with chronic illness to achieve health and well-being goals.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 301. Internship in Wellness Coaching** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 201 and admitted to the Wellness Coaching minor.  
**Description:** Provide a hands-on wellness coaching opportunity for university students to coach participate toward a positive health behavior change.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 330. Special Topics** 1-15 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Refer to "Nursing Schedule Notes" available through the Office of Student Services, School of Nursing.  
**Description:** These courses contain a variety of contemporary topics in nursing that relate to clinical practice.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 338. Lifespan Pathophysiology** 4 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** BIOL 257, BIOL 258, BIOL 261, BIOL 262, CHEM 105, or CHEM 201 or appropriate equivalency; students must be admitted to the School of Nursing lower division program code NU BSN.  
**Fee:** An additional \$140.00 is charged for this course.  
**Description:** Focuses on the body's response to pathological processes throughout the lifespan. Emphasis is on using knowledge of normal physiology to understand adaptive and maladaptive processes of pathological conditions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 342. Professional Nursing Communication** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Description:** This course builds on the general education communication course and applies oral and written communication techniques to professional nursing practice.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 343. Health Assessment for the Professional Nurse** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Description:** Introduces concepts, skills and techniques necessary to perform comprehensive, individual health assessment for professional nursing practice.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 344. Community Health Nursing** 4 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Fee 1:** An additional \$120.00 is charged for this course.  
**Fee 2:** An additional \$45.00 is charged for this course.  
**Description:** This course provides students the opportunity to gain hands-on experience in a variety of community settings in developing depth and breadth of knowledge in holistic assessment and intervention to protect and promote the health of populations around the world.  
**Note:** This course contains a clinical component.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 345. Foundations of Professional Nursing Practice** 4 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Fee 1:** An additional \$45.00 is charged for this course.  
**Fee 2:** An additional \$120.00 is charged for this course.  
**Description:** This course is designed to introduce professional nursing principles while teaching students to apply foundational knowledge of nursing care. Skills practiced in lab will facilitate application of cognitive, psychomotor and interpersonal skills.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 346. Management of Care of the Adult Health Client I** 5 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Fee 1:** An additional \$90.00 is charged for this course.  
**Fee 2:** An additional \$150.00 is charged for this course.  
**Description:** This course is to focus on care management of adults, including young adults, middle-ages, and geriatric clients, who have chronic health conditions and are experiencing alterations in body systems.  
**Note:** This course contains a clinical component.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 347. Health Assessment** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Fee:** An additional \$90.00 is charged for this course.  
**Description:** This course focuses on assessment component of the nursing process as a foundation of professional nursing practice. A systematic approach to client interview and physical exam techniques are emphasized.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>NURS 351. Adult Health Nursing</b> <span style="float: right;"><b>7 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 338, NURS 341, NURS 342, NURS 343, and NURS 395.  <b>Description:</b> Application of Lifeskills for professional nursing focusing on acute and chronic care of adult and families. Experiences emphasize secondary and tertiary prevention and care of aggregates, families and individuals.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 357. Maternal-Newborn Nursing</b> <span style="float: right;"><b>4 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 344, NURS 345, NURS 346, and NURS 347.  <b>Fee 1:</b> An additional \$120.00 is charged for this course.  <b>Fee 2:</b> An additional \$45.00 is charged for this course.  <b>Description:</b> Utilizing active learning experiences, this course focuses on nursing care of childbearing families from preconception through the neonatal period with emphasis on multiple factors that impact health promotion, decision making, and disease management.  <b>Note:</b> This course has a clinical component.</p>
<p><b>NURS 352. Pediatric Health Nursing</b> <span style="float: right;"><b>7 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 338, NURS 341, NURS 342, NURS 343, and NURS 395.  <b>Description:</b> Application of Lifeskills for professional nursing focuses on acute and chronic care of children and families. Experiences emphasize secondary and tertiary prevention and care of aggregates, families and individuals.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>NURS 358. Nursing Research for Evidence-Based Practice</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 344, NURS 345, NURS 346, and NURS 347.  <b>Fee:</b> An additional \$60.00 is charged for this course.  <b>Description:</b> This course is designed to explore the translation of research into practice to resolve clinical issues and improve patient outcomes. It emphasizes the ability to locate, interpret, and evaluate research study reports and research-based clinical guidelines.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 355. Portfolio Equivalency</b> <span style="float: right;"><b>30 Units</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission into the RN-BSN online program (academic plan code NUR BSNUDO).  <b>Description:</b> The student provides a comprehensive portfolio documenting prior educational, professional and life experiences in preparation and practice as a registered nurse.  <b>Note:</b> 30 credit hours for equivalency at no charge.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 360. Health Status Assessment</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Accelerated RN-BSN program and completion of foundational coursework.  <b>Description:</b> This course introduces basic physical assessment skills that enhance the students' ability to carry out the assessment phase of the nursing process. Students collect health status data from classmates and practice physical examination skills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 356. Management of Care of the Adult Health Client II</b> <span style="float: right;"><b>7 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 344, NURS 345, and NURS 347.  <b>Fee 1:</b> An additional \$210.00 is charged for this course.  <b>Fee 2:</b> An additional \$135.00 is charged for this course.  <b>Description:</b> This course focuses on care management of adults, including young, middle-aged and geriatric clients, who have acute health conditions, and experiencing alterations in body systems.  <b>Note:</b> This course contains a clinical component.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 365. Pharmacology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Accelerated RN-BSN program.  <b>Description:</b> Students will gain knowledge of the properties and actions of pharmacological agents for application in clinical practice.  <b>Note:</b> This is a web-enhanced course.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 370. Integration for Practice</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Accelerated RN-BSN program and completion of foundational coursework.  <b>Description:</b> This course uses creative methodologies to facilitate students' integration of basic concepts in assessment, pharmacology and pathophysiology for clinical practice within the context of professional lifeskills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 370. Integration for Practice</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Admission to the Accelerated RN-BSN program and completion of foundational coursework.  <b>Description:</b> This course uses creative methodologies to facilitate students' integration of basic concepts in assessment, pharmacology and pathophysiology for clinical practice within the context of professional lifeskills.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

- NURS 375. Pathophysiology** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the Accelerated RN-BSN program.  
**Description:** This course focuses on the body's response to pathological processes throughout the lifespan. Emphasis is on using knowledge of normal physiology to understand adaptive and maladaptive processes of pathological conditions.  
**Note:** This is a web-enhanced course.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 380. Pharmacotherapeutics for RN's** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the upper division in the School of Nursing.  
**Description:** Examines principles of nursing management for pharmacological interventions. Concepts of pharmacodynamics and pharmacokinetics for common drug classifications will be explored.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 381. Foundations for Evidenced-Based Professional Nursing** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission to the RN-BSN online program (academic plan NUR BSNUDO).  
**Description:** Provides opportunity for registered nursing student to transition in the baccalaureate nursing program and explore and create components of professional evidence-based nursing care in a dynamic health care environment.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 382. Nursing Research for Evidence-Based Practice** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 381.  
**Description:** Focuses on research process as it relates to health and nursing practice. Emphasizes abilities to interpret research reports and apply research evidence to nursing practice.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 383. Case Management of Individuals and Families** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 381.  
**Description:** Examines the significance of concepts related to complex health problems, the importance of chronicity of health status, and multi-dimensional problems.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 384. Global Healthcare Issues, Systems and Policies** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 338, NURS 360, NURS 381, and NURS 380.  
**Description:** Examines the political and social factors that contribute to poor health nationally and globally, legal, economic, political factors impacting health care will be evaluated.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 385. Nursing Leadership and Health Policy** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 381 and NURS 382.  
**Description:** This course provides an introduction to nursing leadership and an overview of health policy. Principles, theories, practices employed by successful nurse leaders will be explored.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 387. Pathophysiology and Pharmacotherapeutics for RNs** **4 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Admission into the RN-BSN online program (academic plan code NUR BSNUDO).  
**Description:** This course examines pathophysiology as the body's response to pathological processes. An emphasis is placed on the student's use of knowledge of normal physiology to understand adaptive and maladaptive processes of chronic pathological conditions. The student will examine nursing management of chronic pathological conditions in selected populations using principles of pharmacotherapeutics, pharmacodynamics and pharmacokinetics for safe and effective pharmacological interventions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 388. Global Health: Disparities and Social Determinants - D2, SB** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** This course examines health disparities and the influence of culture, social determinants of health, and health policy that contribute to health outcomes in global populations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 395. Nursing Pharmacotherapeutics** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** BIOL 261, BIOL 262, BIOL 257, BIOL 258, CHEM 105, or CHEM 201 or appropriate equivalency; students must be admitted to the School of Nursing lower division program code NU BSN.  
**Fee:** An additional \$110.00 is charged for this course.  
**Description:** Provides nursing students a basis for the clinical application of pharmacology, including pharmacotherapeutics, pharmacodynamics and pharmacokinetics. Emphasis is placed on learning drug classifications by clinical indication or body system.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- NURS 401. Introduction to Practice and Clinical Nurse Leader Role** **1 Unit**  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** Admission to MEPN Program.  
**Fee:** An additional \$30.00 is charged for this course.  
**Description:** This course provides the foundational components of professional nursing practice and the Clinical Nurse Leader (CNL) role including theoretical bases, roles and responsibilities, professional values, issues and trends, and relationship between nursing action and client outcomes.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 402. Adult Health I** **5 Units**

**Term Typically Offered:** Summer Only  
**Prerequisite(s):** MEPN Program Admission NURSMSNEPN.  
**Fee 1:** An additional \$90.00 is charged for this course.  
**Fee 2:** An additional \$90.00 is charged for this course.  
**Description:** This course is designed to introduce concepts and principles of nursing practice focusing on the implementation of evidence-based interventions in the care of adults with chronic health conditions. Lab and clinical applications of cognitive, psychomotor, and interpersonal skills are emphasized.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 403. Adult Health II** **6 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** NURS 402.  
**Fee 1:** An additional \$45.00 is charged for this course.  
**Fee 2:** An additional \$150.00 is charged for this course.  
**Description:** This course focuses on the application of life skills for professional nursing focusing on acute and chronic care and case management of adults and families. Experiences emphasis secondary and tertiary prevention and care for aggregates, families, and individuals.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 404. Childbearing** **3.5 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** NURS 401, NURS 402, and NURS 503.  
**Fee 1:** An additional \$90.00 is charged for this course.  
**Fee 2:** An additional \$22.50 is charged for this course.  
**Description:** This course focuses on the concepts related to health promotion and disease management across the preconception through neonatal spectrum. Emphasis is placed on the relevance of decision-making choices that impact the childbearing family.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 405. Child Health** **4 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** NURS 401, NURS 402, and NURS 503.  
**Fee 1:** An additional \$45.00 is charged for this course.  
**Fee 2:** An additional \$90.00 is charged for this course.  
**Description:** This course focuses on the essential concepts, theories, and developmental processes fundamental in understanding the acute and chronic health concerns and problems of children and their families.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 406. Psychiatric/Mental Health** **4 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** NURS 403.  
**Fee 1:** An additional \$90.00 is charged for this course.  
**Fee 2:** An additional \$45.00 is charged for this course.  
**Description:** This course includes the application of life skills for professional nursing, focusing on acute and chronic care of clients with mental health alterations. Experiences are provided in a variety of setting with selected populations.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 407. Community Health** **5 Units**

**Term Typically Offered:** Summer Only  
**Prerequisite(s):** NURS 403.  
**Fee 1:** An additional \$120.00 is charged for this course.  
**Fee 2:** An additional \$45.00 is charged for this course.  
**Description:** This course provides students the opportunity to gain hands-on-experience in a variety of community settings. The focus is to develop a depth and breadth of knowledge regarding holistic assessment and intervention to protect and promote the health of populations.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>NURS 408. Care of the Adult with Complex Health Needs</b> 6 Units  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> NURS 403.  <b>Fee 1:</b> An additional \$150.00 is charged for this course.  <b>Fee 2:</b> An additional \$90.00 is charged for this course.  <b>Description:</b> This course provides the student with an understanding of the professional nursing care of adults and families with complex health needs. An emphasis is placed on acquiring competencies necessary for the development of the professional nurse advocate.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 451. Synthesis of Complex Health Needs</b> 12 Units  <b>Prerequisite(s):</b> NURS 441, NURS 442, and NURS 443.  <b>Description:</b> Synthesizes Lifeskills for professional nursing. Experiences emphasize professional nursing care of clients with complex health needs. Clinical assignments provide extensive professional nursing experience with clients in selected settings.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>NURS 452. Transition to Nursing Practice</b> 2 Units  <b>Prerequisite(s):</b> NURS 441, NURS 442, and NURS 443.  <b>Description:</b> Discusses trends and issues as they relate to Lifeskills critical for transition to professional nursing practice.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 409. Capstone</b> 2 Units  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> NURS 408.  <b>Fee:</b> An additional \$90.00 is charged for this course.  <b>Description:</b> This course provides students opportunities to apply knowledge in the care of individuals and families in a dynamic healthcare setting. Emphasis is on developing the role of the professional nurse advocate.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 460. Internship in Nursing</b> 6-12 Units  <b>Grading Basis:</b> Pass/Fail  <b>Prerequisite(s):</b> NURS 450.  <b>Description:</b> This course provides an intensive clinical experience in a selected setting which allows students the opportunity to improve time management, gain control and self-confidence, explore the realities of role acquisition, and add documentation to portfolio/resume.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 441. Nursing Care of the Childbearing Family</b> 4 Units  <b>Prerequisite(s):</b> NURS 351 and NURS 352.  <b>Description:</b> Application of Lifeskills for professional nursing, focusing on the care of childbearing families across the spectrum of pregnancy and birth. Experiences emphasize health-promoting behaviors in childbearing families.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 465. Research in Clinical Practice</b> 3 Units  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> NURS 338, NURS 360, NURS 370, and NURS 395.  <b>Description:</b> This course will help the RN student determine the adequacy of a research study by teaching the fundamentals of research and learning to critique research studies for their applicability to clinical nursing practice.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 442. Mental Health Nursing</b> 6 Units  <b>Prerequisite(s):</b> NURS 351 and NURS 352.  <b>Description:</b> Application of Lifeskills for professional nursing, focusing on acute and chronic care of clients with mental health alterations. Experiences are provided in a variety of settings with selected populations.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 466. Global Healthcare Issues, Systems and Policies</b> 2 Units  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 371 or NURS 356; NURS 372 or NURS 487; and NURS 374 or NURS 358.  <b>Fee:</b> An additional \$60.00 is charged for this course.  <b>Description:</b> This course examines contemporary issues in global health and trans-cultural nursing. Additional Course Objective: Analyze issues of cultural care diversity in relation to a trans-cultural nursing framework and how it relates to nursing care delivered across setting and across the lifespan.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 443. Essentials of Quality Professional Nursing</b> 3 Units  <b>Prerequisite(s):</b> NURS 351 and NURS 352.  <b>Description:</b> Application of Lifeskills and processes integral to professional nursing. Components of the course include case management, systems, professional behaviors, quality improvement, and evidence-based practice.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

<p><b>NURS 470. Community Health Nursing</b> <b>4 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> NURS 381; NURS 382; NURS 386 or NURS 388; and NURS 482.  <b>Description:</b> This course focuses on health care of populations in the community with emphasis on public health principles to promote health and prevent diseases.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 475. Professional Issues</b> <b>1 Unit</b>  <b>Prerequisite(s):</b> NURS 465 and NURS 470.  <b>Description:</b> This course explores present trends in the profession and health care system, national and state issues which impact nursing, and the role of the nurse. Content in this course changes as issues and trends change.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 481. Child Health Nursing</b> <b>5 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> NURS 356, NURS 357, and NURS 358.  <b>Fee 1:</b> An additional \$90.00 is charged for this course.  <b>Fee 2:</b> An additional \$150.00 is charged for this course.  <b>Description:</b> This course is designed to present essential concepts, theories and developmental processes fundamental to understand the acute and chronic health concerns and problems of children and their families.  <b>Note:</b> This course contains a clinical component.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 476. Community Leadership Practicum - CUE</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> NURS 381; NURS 382; NURS 386 or NURS 388; NURS 482.  <b>Corequisite(s):</b> NURS 470.  <b>Fee 1:</b> An additional \$90.00 is charged for this course.  <b>Fee 2:</b> An additional \$60.00 is charged for this course.  <b>Description:</b> Provides student opportunities to apply knowledge and synthesize insight gained through their educational experience to perform primary, secondary, and tertiary prevention interventions in a community setting.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 482. Health Promotion for Individuals, Families, and Communities</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Corequisite(s):</b> NURS 381.  <b>Description:</b> Introduces student to nursing theorist to evaluate nursing practice in changing health care environment. Provides opportunity to expand knowledge as it relates to the significance of contemporary issues in professional nursing practice.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 483. Theories and Issues in Professional Nursing Practice</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> NURS 338, NURS 360, NURS 380, and NURS 381.  <b>Description:</b> Introduces student to nursing theorist to evaluate nursing practice in changing health care environment. Provides opportunity to expand knowledge as it relates to the significance of contemporary issues in professional nursing practice.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 480. Complex Health Management</b> <b>8 Units</b>  <b>Prerequisite(s):</b> NURS 465 and NURS 470.  <b>Description:</b> This course includes concepts related to complex health problems, the impact of chronicity on health status, and multidimensional problems. Clinical practice will focus on current and future health care delivery systems such as managed care with an emphasis on case management.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 484. Transition to Professional Nursing Practice</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> NURS 360, NURS 380, NURS 381, NURS 382, NURS 383, NURS 384, NURS 385, NURS 482, and NURS 483.  <b>Description:</b> Explores and analyzes issues regarding role transition into professional practice as a baccalaureate prepared nurse.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 485. Management of Health Care</b> <b>3 Units</b>  <b>Prerequisite(s):</b> NURS 465 and NURS 470.  <b>Description:</b> This course focuses on the conceptual foundation, theories and practical applications of the principles of leadership and management. Lifeskills related to critical thinking and communication with multiple health care professionals is emphasized.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**NURS 486. Management of Care of the Adult Health Client III 5 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** NURS 356, NURS 357, and NURS 358.  
**Fee 1:** An additional \$150.00 is charged for this course.  
**Fee 2:** An additional \$90.00 is charged for this course.  
**Description:** Knowledge gained in Management of Care I and II is synthesized and applied in providing care for adults, including young adult, middle-aged and geriatric clients with complex health conditions, who are experiencing alterations in body systems.  
**Note:** This course contains a clinical component.  
**Note:** Previously taught as NURS 471.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 487. Psychiatric-Mental Health Nursing 5 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 356, NURS 357, and NURS 358.  
**Fee 1:** An additional \$90.00 is charged for this course.  
**Fee 2:** An additional \$150.00 is charged for this course.  
**Description:** This course is designed to develop knowledge, skills, and attitudes in providing mental health care across the lifespan in a variety of settings. Student will become change agents in reducing the stigma related to mental illness.  
**Note:** This course contains a clinical component.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 488. Leadership Project 2 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** NURS 381, NURS 382.  
**Corequisite(s):** NURS 385.  
**Description:** This course provides the opportunity to apply concepts in nursing leadership and health policy in a selected setting. The roles of nurse advocate and change agent are stressed in this project.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 491. Transition to Professional Nursing Practice 2 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** NURS 481, NURS 486, and NURS 487.  
**Fee:** An additional \$60.00 is charged for this course.  
**Description:** This course is designed to provide the student with a framework for transition from student to novice professional nurse and planning for career path.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 492. Global Public Health 4 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** NURS 481, NURS 486, and NURS 487.  
**Fee 1:** An additional \$120.00 is charged for this course.  
**Fee 2:** An additional \$45.00 is charged for this course.  
**Description:** This course integrates contemporary issues in the clinical application of factors that contribute to health locally, regionally, nationally, and globally.  
**Note:** This course has a clinical component.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 493. Nursing Leadership and Management 2 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** NURS 481, NURS 486, and NURS 487.  
**Fee:** An additional \$60.00 is charged for this course.  
**Description:** This course is designed to introduce leadership, management, and health policy principles and health care delivery systems processes. This course focuses on the theory and practice of nursing leadership/management and the skills and characteristics necessary to be a successful professional nurse.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**NURS 494. Capstone in Professional Nursing Practicum - CUE 7 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** All upper division nursing courses.  
**Fee 1:** An additional \$210.00 is charged for this course.  
**Fee 2:** An additional \$225.00 is charged for this course.  
**Description:** Provides student opportunities to apply knowledge in the care of individuals and families in a dynamic healthcare setting. Emphasis is on developing the role of the professional nurse advocate.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>NURS 499. Global Public Health Nursing Practicum</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> NURS 500 (or concurrently).  <b>Description:</b> This course is designed for nursing students who have completed or who are currently completing NURS 500. In this course, students will conduct a population health-focused assessment of an assigned population health problem. Students will compare and contrast the epidemiology data and health policy regarding a community health problem and its treatment in the United States and its treatment in another country. In response to the population health assessment, students will develop public health nursing intervention strategies to improve and protect the health status of individuals, families and communities and evaluate the effectiveness of the implemented strategies.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 504. Leadership &amp; Health Care Policy</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Admission to MEPN Program.  <b>Description:</b> This course is designed to provide the student with theoretical principles and skills needed for leadership and professional role development within complex healthcare systems. The role of the nurse as leader and advocate in health policy at the local, state, regional, national and global level is emphasized. Students will analyze and evaluate how policy influences healthcare delivery in the context of stakeholders, politics and economics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 500. Variables Impacting Health Care Delivery: A Global Context</b> <span style="float: right;"><b>3 Units</b></span>  <b>Description:</b> Disparities in international health care delivery and the contributing variables will be explored. Culture-specific content is based on the country of study and is delivered by the interdisciplinary faculty.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 506. Leadership/EBP/Policy</b> <span style="float: right;"><b>2 Units</b></span>  <b>Prerequisite(s):</b> NURS 408 and NURS 608.  <b>Description:</b> This practicum will require students to formulate a leadership/management, policy or evidence-based project based on the assessed needs of their clinical site. With approval from their clinical preceptor and their instructor, students will apply knowledge and skills acquired in their master's course work in the completion of the project and the presentation of outcomes/findings.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.</p>
<p><b>NURS 501. Pathophysiology</b> <span style="float: right;"><b>4 Units</b></span>  <b>Prerequisite(s):</b> Department Permission.  <b>Description:</b> This course emphasizes the synthesis of preexisting knowledge of normal physiology to understand pathophysiological processes common among individuals and populations across the lifespan.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 502. Pharmacology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Department Permission.  <b>Description:</b> This course is designed to provide nursing students with a sound basis for the clinical application of pharmacology. The basics of core drug knowledge, including pharmacotherapeutics, pharmacodynamics, and pharmacokinetics are covered. Emphasis is placed on learning drug classifications by clinical indication or body system with advanced understanding of potential drug interactions, pharmacogenetics and pharmacoeconomics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 507. Transitions to Practice and CNL Role</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Admission to MEPN Program, NURS 408.  <b>Description:</b> This course will assist students to make the transition to professional nursing practice and the CNL role. Students will learn about current legislative and practice issues, discuss legal aspects of nursing practice, and prepare for the licensure process and CNL certification process.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 503. Advanced Health Assessment</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> Admission to MEPN program.  <b>Description:</b> Focus is placed on the assessment component of the nursing process as a foundation of professional nursing practice. A systematic approach to client interview and physical exam techniques across the lifespan (neonate to geriatric) is emphasized.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 510. Advanced Pathophysiology and Pharmacology Application I</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Admission to MEPN Program.  <b>Description:</b> This course emphasizes the application of pre-existing knowledge of pathophysiological processes and pharmacology management in pediatric and maternal health.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>NURS 504. Leadership &amp; Health Care Policy</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Admission to MEPN Program.  <b>Description:</b> This course is designed to provide the student with theoretical principles and skills needed for leadership and professional role development within complex healthcare systems. The role of the nurse as leader and advocate in health policy at the local, state, regional, national and global level is emphasized. Students will analyze and evaluate how policy influences healthcare delivery in the context of stakeholders, politics and economics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>NURS 511. Advanced Pathophysiology and Pharmacology Application II</b> <span style="float: right;"><b>2 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> NURS 510.  <b>Description:</b> This course emphasizes the application of preexisting knowledge of pathophysiological processes and pharmacology management in adult health.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**NURS 515. Research Scholar Program 1-3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** Admission to traditional baccalaureate program or MEPN program.**Description:** To promote nursing research and scholarship among students through faculty mentoring.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**NURS 575. Introduction to Forensic Nursing 2 Units****Prerequisite(s):** Must be admitted to the upper division undergraduate nursing program or graduate nursing program.**Description:** An elective course to introduce the students to the role of the forensic nurse. This experimental course covers forensic principles as they relate to the living and field experiences are integrated.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**NURS 606. Healthcare Systems 3 Units****Description:** The U.S. healthcare system evolution, services, policy, and delivery are examined and compared politically, ethically, technologically, environmentally, and socioeconomically. Availability, access, regulation, and accountability are considered using systems theory.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Pan-African Studies (PAS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**PAS 200. Introduction to Pan-African Studies - D1, SB 3 Units****Term Typically Offered:** Fall, Spring**Description:** Introduces students to the academic discipline of Pan-African Studies. Students will be introduced to critical issues, themes, perspectives, debates, and emerging trajectories within the discipline. In addition to orienting students to the discipline of Black Studies, the course also exposes students to significant historical, social, political, and cultural issues that have shaped the experiences of people of African descent in the United States and throughout the diaspora. (Social Sciences)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 204. Introduction to African Studies - D2, AH 3 Units****Term Typically Offered:** Fall Only**Description:** A survey course on Africa - a vibrant continent in transition, with its richly diverse peoples and their histories; belief systems; social, economic and political organizations; art, performance, and cultural practices. (Social Studies)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 205. Race, Color and Consciousness - D1, SB 3 Units****Term Typically Offered:** Fall, Spring**Description:** Do #BlackLivesMatter advocates have a legitimate argument that America has historically and contemporarily marginalizes people based on race? Is race more important than class? Does America define race differently than other countries? This course wrestles with these questions and more as it explores how the African-descended experience has developed in different ways around the globe. The historic struggle for personhood and humanity by African people when they encounter non-colored core groups in various western societies also has certain commonalities. The course focuses on the experiences of diasporic Africans in North America, South America, and the Caribbean who have lived in societies that are socially, politically, and economically controlled by such groups. It is especially designed to expose students to a comparative view of race relations and reasoning in a number of societies in an effort to more fully examine the evolving American approach to race.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 206. Introduction to Caribbean Studies - D2, SB 3 Units****Term Typically Offered:** Spring Only**Description:** This course provides a general overview and introduction to Caribbean Studies. It explores the historical, cultural, and sociological perspectives that shaped the Caribbean region, as well as the contemporary Caribbean. Areas of emphasis include history of the people, politics, language, and culture; race, ethnicity, and social class; domestic organizations-gender roles and family. The course also explores social issues affecting the United States and the Caribbean through community-based learning. (Social Sciences)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 207. Introduction to Philosophy through Cultural Diversity - D2, AH 3 Units****Term Typically Offered:** Fall, Spring**Description:** Survey of historical canonical contributions to western philosophy juxtaposed with minority voices to understand how social, economic, and cultural situatedness affect bodies of knowledge. (Humanities)**Note:** Cross-listed with PHIL 207 and WGST 207.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 210. Introduction to Pan-African Literature - AH, D2 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An examination of African, Caribbean and African-American literature over time, focusing upon shared symbols and cultural aesthetics. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 214. African-American Music - AH, D1 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Examines African-American music from a historical perspective, from its origins to the present. It will explore the development of various stylistic trends that characterize African-American music and socio-economic factors and events which have influenced it. There will be discussion on the evolution of and changes in musical style and form. Students will be introduced to innovators via audio and video recordings.

**Note:** Cross-listed with MUH 214.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 217. Introduction to Indigenous Religions of Africa, the Americas and the Pacific Basin 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An introduction to the religious beliefs and practices of selected indigenous communities in Africa, the Americas and the Pacific Basin. (Humanities)

**Note:** Cross-listed with HUM 217.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 218. Survey of American Jazz - D1, AH 3 Units**

**Term Typically Offered:** Fall, Summer

**Description:** Non-music majors will have a historical examination of the evolution of jazz music. They will study the development of various stylistic trends that characterize jazz and the socioeconomic factors and events that have influenced it as well as the evolution of its musical style and form. Students will be introduced to innovators through their recordings. (Humanities)

**Note:** Cross-listed with MUH 218.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 219. Survey of Brazilian Music 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** In this course designed for non-music majors, the evolution of Brazilian music will be traced from its origins through the present. The course will explore the development of the various stylistic trends that characterize the music of Brazil. The socio-economic factors and events which have influenced the course of Brazil's native art music will be included in the discussion, as will the evolution of and changes in the musical style and form. In addition, students will be introduced to the innovators of each style through recordings, videos and the internet. (Humanities)

**Note:** Cross-listed with MUH 219.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 227. Survey of American Diversity - D1, SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A social map of the contemporary United States reveals several culturally-identified human groups based upon race, ethnicity, religion, language, family origins, and other characteristics. While diversity has become integral to the American society, it is an area that is little-studied and far less understood by many. This course will help students better understand racial and ethnic diversity in today's society. More than a historical overview, this course includes selected readings and film which provide glimpses behind the facade of the "other", to see some of the struggles they face as they become part of the American "fabric". In the process of developing this understanding, we will constantly challenge ourselves by asking two main questions: "Who is an American?" and "What does it mean to become an American?"

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 247. Language, Protest and Identity - D1, SB 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Sociolinguists see language as more than a question of people talking to each other. Language not only communicates ideas, but also communicates our identities in a society. It identifies us as we see ourselves and it identifies us, as others perceive us. Embodied in the act of human communication is a complex set of rules for how to send a message and another set of rules for how to interpret that message. Beyond these rules, socially constructed preconceptions, such as issues of race, class, and gender, can have an influence on the way people choose to communicate with others and on how that communication is understood by others. Much of this operates subtly and below our consciousness, such as when we say one thing, but our kinesics (body language) displays a different attitude. However, there are some, particularly those working in politics or advertising, who have developed a keen ability to manipulate or otherwise channel messages for a special effect. Recognizing how these various factors work, and their effect on the ability of people to understand one another, is particularly important in the current era. Societies have become more complex and diverse populations are now faced with the challenges of sharing the same living and working space. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 272. Reggae Music & the Politics of Black Liberation - D2, AH** 3 Units**Term Typically Offered:** Spring Only**Description:** Examines cultural history of reggae and its impact since the independence of Jamaica in the 1960s. Explore its context within post-WWII anti-colonial struggles and quests for cultural identity and integrity with influences of U.S. and British music. (Humanities)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 273. The Rhythm and Blues Revolution and American Culture - D1, AH** 3 Units**Term Typically Offered:** Occasionally Offered**Description:** The history of R&B from its post-WWII origins to the post-Civil Rights Movement era, with particular emphasis on its impact on the U.S. and global popular culture and ideas about race. (Humanities)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 300. Humanities Special Topics in Pan-African Studies** 3 Units**Term Typically Offered:** Fall, Spring**Description:** Intensive study of a particular topic or aspect of Africa or the Diaspora, to be announced in the schedule of courses.**Note:** May be repeated as topics vary, but no more than six hours will be accepted in the major.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 301. Social Sciences Special Topics in Pan-African Studies** 3 Units**Term Typically Offered:** Fall, Spring, Summer**Description:** Intensive study of a particular topic or aspect of Africa or the Diaspora, with a social sciences perspective.**Note:** May be repeated as topics vary, but no more than 6 hours will be accepted in the major.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 305. Legal Lynchings: A Survey of Race, Law, and the American Justice System** 3 Units**Term Typically Offered:** Fall, Spring**Description:** A historical study of the American justice system and its treatment of persons of African descent. (Social Sciences)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 308. Contemporary Trends in African-American Art - WR** 3 Units**Term Typically Offered:** Spring Only**Description:** A survey of contemporary African-American art since the 1960s into current trends today. Students will examine contemporary paintings, sculpture, fabric art, folk art, public art, and installation art. Emphasis will be on the social, cultural, spiritual and religious influences expressed in contemporary art.**Note:** Cross-listed with ARTH 349.**Note:** Approved for Arts and Sciences upper-level requirement in written communication (WR).For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 310. African-American Art I: From West Africa to 1920s** 3 Units**Term Typically Offered:** Fall Only**Description:** Relationship between African and African-American art from the slave era through the Harlem Renaissance in its aesthetic, social, cultural and political contexts.**Note:** Cross-listed with ARTH 343.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 311. African-American Art History II: From the 1920s to Present** 3 Units**Term Typically Offered:** Spring Odd Years**Description:** Relationship between art of the Harlem Renaissance, Black art of the 1960s, and the contemporary art in its aesthetic, social, cultural and political contexts.**Note:** Cross-listed with ARTH 344.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 312. African Americans in American Media** 3 Units**Term Typically Offered:** Fall, Spring**Description:** The evolution of the popular image of African Americans as reflected in the visual media of television and the cinema. (Social Sciences)**Note:** Cross-listed with COMM 326.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PAS 313. Urban Ritual Violence** 3 Units**Term Typically Offered:** Occasionally Offered**Description:** Examination of the role of ritual in gang culture; discussion of the power of ritual to reinforce and reflect cultural values. Analysis of cultic traditions in gangs in their historical relationships to religious institutions. Critical reflection on the use of ritual violence in organizational and institutional life in human societies. (Social Sciences)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PAS 314. Black Psychology** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Forces shading the thoughts, beliefs, life strategies, and concerns of persons of African descent. (Social Sciences)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 315. Theatre of the African World - D2, AH** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course is a cross-cultural examination of theatre and performance modes of select cultural and ethnic groups within Africa and the African Diaspora. The material will focus on performance and dramatic scripts by artists from West and South Africa, East Africa, the Caribbean, and the United States. We will investigate the distinctions in the manifestations of "theatre," "drama," and "performance" in Africa and the African Diaspora by means of lectures, play readings, written responses, in-depth discussions, video screenings, student projects, and presentations. (Humanities)  
**Note:** Cross-listed with TA 365.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 317. African-American Religion - AH, D1** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course explores various religious beliefs, practices, experiences, traditions and institutions of African descended people in the United States. Students will be introduced to a range of African American religious traditions and a variety of perspectives within African American religious thought. These traditions and their respective beliefs and practices will be situated within their proper historical, social and cultural contexts.  
**Note:** Cross-listed with HUM 377.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 318. African-American Cultural Traditions** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Intensive examination of various systems of adaptation of people of African descent in the Americas, such as cultural traditions, urbanization and kinship. (Social Sciences)  
**Note:** Cross-listed with ANTH 318.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 319. African-American History I - D1, SBH** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** A unified study of the economic, social, cultural, political, and educational development of African Americans in the United States. Division date: 1865. (Social Sciences)  
**Note:** Cross-listed with HIST 319.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 320. African-American History II - D1, SBH** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** A unified study of the economic, social, cultural, political, and educational development of African Americans in the United States. 1865 to present.  
**Note:** Cross-listed with HIST 320.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 322. The History of the Civil Rights Movement, 1900 to Present** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Study of the modern civil rights movement, its leaders, programs and strategies, from 1900 to present. (Social Sciences)  
**Note:** Cross-listed with HIST 322.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 324. Politics, Political Violence and Black Resistance** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of the structural, institutional and personal dimensions of violence and the human drama as it unfolds in situations of oppression. (Social Sciences)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 325. Politics of Black Male Identity in Post-Modern America** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Examination of factors which contribute to the construction of black American male identity from fraternities and gangs to everyday "cool". (Social Sciences)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 326. Black Political Thought: Africa to Afrocentricity** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Theories and philosophies which have driven the black experiences before and during the African Diaspora and the scholarly and social significance of the Afrocentric movement in the academy. (Social Sciences)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 327. Politics of the Black Community - SB, D1** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** The politics of black sub-communities in the context of political behavior research; political socialization, sub-community power structure, leadership, voter and party roles, strategies of protest, and government outputs. (Social Sciences)  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PAS 329. Slave Trade and Slavery** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** An historical and sociological study of the trans-atlantic slave trade through 1900. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 330. Women in African-American Religion** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PAS 200 or consent of instructor.  
**Description:** Role and history of African-American religious institutions of the U.S. Focus on women of African descent in the suffrage, abolitionist, civil rights movements and the womanist movement in contemporary black theology and African-American Islam. (Humanities)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 331. Color Complex of Black Women** 3 Units  
**Term Typically Offered:** Fall Even Years  
**Description:** Study of phenotypes, body image, inter-/intra-gender relationships, media influences, and social norms, from slavery to present, on the development of Black female identities using theories in psychology, sociology, and deconstruction. (Social Sciences)  
**Note:** Cross-listed with WGST 349.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 332. African-American Women - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of the status and roles of African-American women from the slave era to contemporary times. Emphasis on migration, urbanization and labor force participation as well as in familiar contexts. (Social Sciences)  
**Note:** Cross-listed with WGST 348.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 333. Black Student Experience: Issues with Persistence & Inclusion in PWIs - D1, SB** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Explore the unique challenges of Blacks in higher education in relation to issues of access, retention, graduation, student engagement, satisfaction, and identity formation at Predominantly White Institutions (PWIs). There is an examination of best practice models on Black student retention, using empirically-based methods and mentoring theories and practices. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 335. Survey of African-American Education - SB, D1** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An in-depth look at the efforts of African Americans to secure educational opportunity and access with special emphasis on contemporary curricular and political issues. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 338. Race and Economics** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An examination of the economic character of African-American urban areas. Focus on the types of businesses, capital accumulation and their role in urban America. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 339. Black Women and the Criminology System** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course will examine the various ways the legal system impacts and regulates Black women. Students will critically analyze the effect court decisions and laws have on Black women using an intersectional approach of race, gender, economic class, differently abled bodies, sexual orientation, religion, and nationality. Students will first study legal standards and terminology as well as race and gender theory to develop a solid foundation on which to examine case law, constitutional standards and current events. This course is designed to give students an understanding of how the justice system impacts Black women's lives, maintains systems of inequality, and regulates their bodies. We will look at women lead the criminal justice reform movement both within and outside of the legal system.  
**Note:** Cross-listed with SOC 339 and WGST 339.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 340. African-American Literature - AH, D1** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Survey of African-American literature from the 18th century to the present.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 341. Black Film and Literature - AH, D1** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Examines history of Black filmmaking and written literature. Explores films and written texts from African, African-American and Caribbean artists. (Humanities)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 342. Black Women Novelists - WR, D2, AH 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** ENGL 102 or ENGL 105.

**Description:** Selected novels by contemporary African, African-American and Caribbean women writers, in-depth and in-comparative study. Historical period: Post-1900. (Humanities)

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Cross-listed with WGST 342 and ENGL 342.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 344. Black Lesbian Lives 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Course focuses on black, lesbian-identified people cross-culturally, examining autobiographical accounts and visual culture within the context of LGBTQ politics and discourse. (Social Sciences).

**Note:** Cross-listed with WGST 344.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 345. Museums, Culture and Nationhood 3 Units**

**Description:** Examines the historical and cultural dimensions of museums; explores representations of ethnic groups in museum settings and public culture.

**Note:** Cross-listed with ANTH 342.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 346. African Languages in the Diaspora - SB, D1 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** The course investigates the intersections of linguistic behavior with race, class, and culture within the context of the global African Diaspora. Students will gain an understanding of the broad scope of the African Diaspora and of its impact upon questions of communication and identity in diverse global cultures. Students will gain a fresh perspective in the issues of race, class, and culture as seen in the many manifestations of African and other linguistic influences observed across the African Diaspora. Considering various media, students will examine literature, political speech, popular culture, and other expressive forms as they broaden their concept of "language." An appreciation of the complexity and variety of forms of human communication will provide insights into the appeal and adoption of linguistic and other expressive features across cultural lines. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 348. Aesthetic in the Africana Community 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Investigation of what motivates and informs the behavior, expression, music, thought, philosophy and creativity of Black or African descended people. (Humanities).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 349. African Americans and Islam 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Exploration of the complex relationship between African Americans and Islam. Discussion of Islam in Africa prior to and during slavery, the early 20th-century communities, rise of the Nation of Islam, orthodox Islam, and the influence of Islam on nationalism and artists. (Humanities)

**Note:** Cross-listed with HUM 349.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 350. African-American Women in Theatre - WR, AH, D1 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course will explore the theatrical representation of African-American women through the lens of African-American playwrights, designers and theoreticians. Course content will focus on the works of African-American women playwrights, designers and theoreticians and encourage critical discourse on the material covered. Assignments and activities will include Script Analysis, Discussion Board posts, Research Papers, and Quizzes. Assignments are designed to strengthen critical thinking skills, encourage perspective broadening dialogue and research, and enhance your understanding of the experience of the African Diaspora. (Humanities)

**Note:** Cross-listed with TA 363 and WGST 380.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 351. Survey of African Religion and Culture 3 Units**

**Term Typically Offered:** Fall Only

**Description:** This course discusses various African understandings of religion by examining specific traditions, beliefs, and practices from Ancient Egyptians, Yoruba, Dogon, and Dagara, among others. Christianity and Islam are discussed as unique parts of the African religious experience. (Humanities).

**Note:** Cross-listed with HUM 351.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 353. Acting the Black Experience - D1, AH 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Fundamental approaches to performance developed through improvisation, call and response, rhythm and movement styles that are drawn from the black experience in America.

**Note:** Cross-listed with TA 322.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 355. Cultural Diversity in Performance - AH, D1 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Performance and discussion of selected public and private texts written by American minority writers. Course explores what it means to be part of a culturally diverse society.

**Note:** Cross-listed with TA 326.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 356. History of the African-American Theatre - D1, WR, AH 3 Units**

**Term Typically Offered:** Fall Only

**Description:** This course will introduce students to the historical, political, and cultural milieu experienced by African Americans and their impact on theatrical expression in theatre and performance.

**Note:** Cross-listed with TA 366.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 360. African Diaspora in the Caribbean and Latin America 3 Units**

**Description:** Survey of Africans in Caribbean and Latin American cultures and societies, emphasizing the historical and contemporary conditions which influence their sociocultural, economic and political status. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 361. Folklore of the African Diaspora 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Examination of the folk culture, customs, and beliefs that emerged when Africans settled in the Western Hemisphere. (Social Sciences)

**Note:** Cross-listed with ANTH 343.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 362. Civil Rights and the Law I 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An examination of the legal and political aspects of Black civil rights from Reconstruction to World War II. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 363. Civil Rights and the Law II 3 Units**

**Term Typically Offered:** Spring Only

**Description:** An examination of the legal and political aspects of Black civil rights from World War II to contemporary times. (Social Sciences)

**Note:** Cross-listed with POLS 320.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 364. Racism and Sexism - SB, D1 3 Units**

**Term Typically Offered:** Summer Only

**Description:** The impact of racism and sexism on marginally-oppressed communities, as well as their strategies of resistance. (Social Sciences)

**Note:** Cross-listed with WGST 347.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 366. Inequality and Health: The Black Experience 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Comparison of health care delivery systems in Africa and the U.S., focusing on those factors that determine accessibility, health financing and alternatives to public health systems in both contexts. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 367. Black Dramatic Literature - D1, AH 3 Units**

**Term Typically Offered:** Spring Only

**Description:** The primary goal of this course is to accomplish in-depth analyses of selected plays by black dramatists.

**Note:** Cross-listed with TA 367.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 368. Race, Culture, Identity 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** A cross-cultural examination of racial categories over the last 200 years and their link to gender, political and social trends, ethnicity and nationalism. (Social Sciences)

**Note:** Cross-listed with ANTH 310.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 369. Music and the Black Arts Movement 3 Units**

**Description:** African-American artists during the Black Arts Movement of the mid-1960's through mid-1970's. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 370. Hip-Hop Culture and Its Impact 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Key issues in the academic study of hip-hop and exploration of significant themes in the genre's history and production. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 371. Music of the Global Black Revolt 3 Units**

**Description:** Examination of the international impact and interrelationships of several forms of black music during the three decades after World War II. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 372. Black Music and Identity in the 1960s 3 Units**

**Description:** Examination of African-American artists' attempts in the 1960s and 1970s to produce art that would educate, inspire, and help liberate black people from white supremacist thought and practice. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 373. Race and Hip Hop 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** The course studies the nature of race and its implications on the culture of hip hop. This course takes a unique approach to studying race relations as it views hip hop from differing racial perspectives. It looks at the history and development of the hip hop from a social significance perspective regarding Blacks in America and examines the culture of hip hop from the white perspective in terms of "being down" and commodification. Students analyze and synthesize both perspectives in a culminating final paper. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 374. The Black Power Movement 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Examination of the phase of the African-American freedom struggle known as the Black Power Movement, spanning the mid-1960s through the 1970s. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 375. Hip Hop and Black Women's Voices in the Public Sphere 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** The course studies the nature of gender and race and their implications on hip-hop culture and the public sphere. The course views hip-hop as a forum within the public sphere where black women have found unique voices. This course traces the history and development of the Black Public Sphere and women's place within it and looks at hip-hop culture's impact on black women's visibility within the Black Public Sphere and the larger public sphere.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 378. The African-American Experience 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An examination of the African-American experience as depicted in literary and artistic genres. (Humanities)

**Note:** Cross-listed with HUM 378.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 381. African Art: A Survey 3 Units**

**Term Typically Offered:** Fall Only

**Description:** Examination of African art from the Paleolithic era to contemporary times. Relationship between classical Egyptian art and sub-Saharan art forms. (Humanities)

**Note:** Cross-listed with ARTH 341.

**Note:** May be used to satisfy the Period 3 - Non-Western requirements.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 383. Cultures of Africa - SB, D2 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course provides an introduction to the ethnography of postcolonial cultures in sub-Saharan Africa. We will examine cultural, historical, political, and socio-economic factors that shape life in several countries, specifically exploring the complexity and diversity of everyday life in urban areas. The course will be centered upon a series of ethnographic readings, films, and case studies meant to introduce students to the diversity of social worlds and experiences across this broad region. We will focus on a series of core concepts and topics across the semester, including post-coloniality, development and economics, globalization, migration and mobility, activism and politics, informality, and urban space.

**Note:** Cross-listed with ANTH 323.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 384. Disease, Ecology and Environmental Management in Africa - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Relationship between disease agents, and human and physical environment in Africa. Impact of urbanization, industrial pollution and multinational corporations on disease causation and distribution. (Social Sciences)

**Note:** Cross-listed with GEOG 362.

**Note:** Approved for the Arts and Sciences upper level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 385. Women in Africa: Historical and Literary Perspective 3 Units**

**Description:** Survey of the role of women in historical African societies, women under colonialism, in nationalist movements, and in modern African countries. Literature about and by women will be considered. Emphasis on African/female perspective. (Humanities)

**Note:** Cross-listed with WGST 346.

**Note:** A prior course in PAS or WGST is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 386. Africa: Environment and Resources 3 Units**

**Description:** Natural and human potentials of the African continent, with particular reference to Sub-Saharan Africa. Exploration of social, cultural, economic and political factors influencing use of African resources. Emphasis on factors degrading the environment and constraining optimum use of natural and human resources. (Social Science)  
**Note:** Cross-listed with GEOG 314.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 390. Independent Study 3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Overall average of 3.0, and average of 3.5 in the department, and at least 18 semester hours credit in the department.  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice in the field of Pan-African Studies that is not included in regular courses in the curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 392. Faces of Global Poverty - WR 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** Persistent poverty in the Third World and specific groups in the United States. Focuses on causes, consequences, solutions and survival strategies. (Social Sciences)  
**Note:** Cross-listed with WGST 343/SOC 392.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 393. African History Before 1800 - D2, SBH 3 Units**

**Term Typically Offered:** Spring Even Years  
**Description:** This course examines the development of African civilizations and societies across the African continent from early man up until 1800. Special emphasis will be on the establishment of precolonial states and kingdoms, examinations of African lifestyles and traditions, the role of religion and trade throughout African history, and the impact of trans-African slavery on the African continent.  
**Note:** 3-6 hours of HIST or PAS is recommended prior to taking this course.  
**Note:** Cross-listed with HIST 393.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 394. African History Since 1800 - SBH, D2 3 Units**

**Term Typically Offered:** Spring Odd Years  
**Description:** Development of African societies and culture since 1800, including the abolition of trans-Atlantic slavery, colonization, independence movements, Pan-Africanism, and the challenges and successes of African societies in the recent past.  
**Note:** Cross-listed with HIST 394.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 395. Contemporary Africa 3 Units**

**Description:** Continental issues since independence, including such topics as apartheid, liberation movements, military regimes, African socialism, modernization, neocolonialism, cultural trends. (Social Sciences)  
**Note:** Cross-listed with HIST 395.  
**Note:** Junior standing is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 396. History of the Caribbean 3 Units**

**Description:** Unified examination of the history of the Caribbean region from 1492 to the present, focusing on political economy, race relations and the region's relations with Europe and the Americas. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 407. Theoretical Perspectives in African-American and Diaspora Studies 3 Units**

**Description:** An upper-level undergraduate course that surveys the black intellectual tradition of the discipline of Pan-African Studies. Students will examine theoretical perspective in Black Studies and be exposed to theories of literature, sexuality and popular culture. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 408. Research Methods in Pan-African Studies - WR 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** 12 credit hours in PAS above the 200 level.  
**Description:** The course introduces students to various methods of data collection. Students will learn how to conceive, design, and carry out their own social research. (Social Sciences)  
**Note:** Can be taken in conjunction with PAS 586.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 409. Pan-African Studies Capstone Seminar - CUE 3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PAS 408.  
**Description:** The Pan-African Studies Capstone seminar permits students to integrate general and specialized knowledge within the three Black Studies subfields (Historical, Social, Cultural Studies), with a particular focus on research and professional engagement. The course will include classroom discussions of seminal readings in the field, the completion of a research project and a professional seminar geared to assist in achieving further academic and career endeavors.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PAS 410. Black Feminism in Action** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** The course examines the evolution of the Black Feminist consciousness in the U.S. from the 1830s to the present. (Social Sciences).  
**Note:** Cross-listed with WGST 410.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 412. The Underground Railroad and American Memory** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** The course examines the need for and operation of national and International Underground Railroad and abolition movements. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 499. Pan-African Studies Senior Honors Thesis - CUE, WR** 3 Units  
**Prerequisite(s):** PAS major/minor with a minimum of 15 hours in discipline; senior standing; 3.0 GPA overall and 3.5 GPA in major/minor; approved by department.  
**Description:** An intensive examination of scholarly study within an area of Pan-African studies involving primary and secondary research, which serves to synthesize knowledge acquired over the course of the students undergraduate career (including coursework, study abroad, internships, and research assistantships where applicable).  
**Note:** All honors thesis projects must be designed and completed under the supervision of a thesis supervisor.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 500. Cooperative Internship in Pan-African Studies** 3-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** 12 hours PAS above introductory level.  
**Description:** Assignment with a public agency or organization. Written report and periodic consultation with a professor may be required.  
**Note:** May be repeated for credit but only 3 hours apply towards major or minor.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 503. Epistemologies of Black Studies** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Description:** The purpose of this course is to explore distinctively African approaches to knowledge, learning, and teaching. Because the course is designed to address conditions as well as conceptions of knowledge making, we will take up African American history, sociology, and the arts, as well as philosophy. The students will be introduced to different perspectives, which seek to examine the nature of African reality.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 505. The Black Atlantic** 3 Units  
**Prerequisite(s):** 12 hours PAS credit or consent of instructor.  
**Description:** Examination of the intercultural and transnational linkage of Africans in England, North and South America, the Caribbean and the African continent. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 506. Service Learning** 3 Units  
**Description:** Placement of students in nonprofit organizations in the Louisville metropolitan region to provide research or programmatic assistance to local community groups. Written reports and frequent consultation with a professor may be required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 508. Independent Study** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Overall GPA of 3.0, a GPA of 3.5 in the department and at least 18 semester hours credit in the department.  
**Description:** Independent study on a topic related to the African Diaspora.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 509. Advanced Contemporary Trends in African-American Art** 3 Units  
**Prerequisite(s):** One 300-level art history course or faculty consent.  
**Description:** Survey of contemporary African-American art since the 1960s into current trends today. Examination of contemporary paintings, sculpture, fabric art, folk art, public art, and installation art. (Humanities)  
**Note:** Undergraduate credit may not be earned for this course and PAS 308 or ARTH 349.  
**Note:** Cross-listed with ARTH 549.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 510. Advanced Topics in Afro-American and African Studies** 3 Units  
**Description:** Advanced study of a particular topic, issue or area in African-American culture or history, to be announced in Schedule of Courses.  
**Note:** May be repeated as topics vary, but no more than six hours will be accepted in the major.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PAS 513. U.S. Social Justice Movements** 3 Units  
**Prerequisite(s):** Junior standing.  
**Description:** Course will begin with abolitionism, then concentrate on social justice upsurges of the 20th century, with emphasis on women in the civil rights and Black liberation movements. (Social Sciences)  
**Note:** Cross-listed with WGST 513, HIST 513, and SCHG 513.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 514. History of Pan-African Social Thought 3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Contributions of African and African-American social theorists from Marcus Garvey to Cornell West; role of ideology in relations of domination and oppression. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 516. African-American Philosophy 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHIL 205 or PHIL 303 or PHIL 304.  
**Description:** Analysis of works and theories of major recent and contemporary African-American philosophers within the themes of Pan-African debates. (Humanities).  
**Note:** Cross-listed with PHIL 516.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 520. The Black Family - WR 3 Units**

**Prerequisite(s):** Senior standing.  
**Description:** Nature and function of African-American familial systems from the slave era to the present. Emphasis on impact of public policy on socioeconomic and political status of Black family structures. (Social Sciences)  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 521. Religions of the African Diaspora 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** Exploration of religious practices of the African World: Yoruba, Santeria, Vodun/Voodoo, Rastafarianism, Gullah with an emphasis on their African and syncretic names. (Humanities)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 526. Black Heritage Preservation 3 Units**

**Description:** An introduction to the interpretive, legal, social and political aspects of historical preservation with a focus on the Black experience, preservation laws, and the power of public memory. An introduction to local, state, and national agencies responsible for site designation, oversight and protection of historical sites and legacies, as well as research and documentation necessary to obtain historical site designations. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 527. Underground Railroad in the Diaspora 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** Applied research on the people, events, causes, and methods employed in creating, sustaining and operating a national and international Underground Railroad movement. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 529. Teacher Institute on African-American Issues 3 Units**

**Description:** An introduction to Pan-African Studies focusing on multicultural educational strategies for public school educators. (Social Sciences)  
**Note:** Cross-listed with EDAP 590.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 530. The Life and Times of Malcolm X 3 Units**

**Prerequisite(s):** Senior standing.  
**Description:** An examination of the career of Malcolm X that engages the intersections of his political thought and public advocacy work with broader trends in United States and world affairs including colonialism and decolonization, the U.S. civil rights movement, and Black Arts and Black Power movements. The course critically examines his ideas about culture, history, and identity, and analyzes the use to which the figure of Malcolm X is put in the United States' popular culture and historical discourses. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 531. Survey of African-American History and Culture for Teachers 3 Units**

**Description:** An intensive survey of the history and culture of African Americans for teachers. (Social Sciences)  
**Note:** Cross-listed with EDAP 592.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 532. Slave Trade and Slavery in the African World 3 Units**

**Prerequisite(s):** Senior or graduate standing.  
**Description:** An in-depth examination of the evolution and characteristics in the western world, the mechanics and organization of the African slave trade, the nature and types of slave societies established in Europe and the Americas, and the impact of slave trade in Africa. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 533. The History and Popular Culture of the African Diaspora 3 Units**

**Prerequisite(s):** Senior or graduate standing.  
**Description:** An intensive, comparative examination of selected topics linking the history and culture of persons of African ancestry in the United States, the Caribbean region, Latin America and Africa. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 535. History of African Americans in Kentucky 3 Units**

**Prerequisite(s):** Senior standing or faculty consent.  
**Description:** The history of African Americans in Kentucky from the settlement of the trans-Appalachian region to the present. Special attention to the history of African Americans in Louisville and Jefferson County. The use of primary, secondary, and oral historical sources will be emphasized. (Social Sciences)  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 539. Public History in African Diaspora 3 Units**

**Description:** Key issues, primary and secondary sources, and research methods for studying the experiences of persons of African ancestry in the Caribbean, Europe, Latin America, and Brazil. Examination of the challenges and strategies related to interpreting and preserving the Diasporic experience at historic sites, in museums and other public settings. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 540. Pedagogy of African Studies 3 Units**

**Description:** Designed for teachers preparing to introduce African Studies materials to primary and secondary school students. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 541. Cultural Heritage, Tourism, and Globalization 3 Units**

**Description:** This course is designed to familiarize you with the anthropological literature on the origins, nature, and character of tourism. It will analyze the way cultural heritage sites become contested spaces, representative of memory, nationhood, history, and culture with particular emphasis on Jewish history and culture in Europe and African Americans in the U.S. (Social Sciences)

**Note:** Previously cross-listed with ANTH 532.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 542. Black Women's Voices - WR 3 Units**

**Prerequisite(s):** At least 6 credit hours in Social Science or Humanities or consent of faculty.

**Description:** Global synopsis of black women's studies and social thoughts. Highlights roadblocks and bridges experienced. Captures race, gender, class and spatial dimensions. (Social Sciences)

**Note:** Cross-listed with WGST 543.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both PAS 542/WGST 543 and PAS 643/WGST 643.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 545. Southern Women: Black and White 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Course focuses on questions of identity for southern women, black and white, by contrasting stereotypes and ideals with realities for these women in the slave, Jim Crow, and modern South. (Social Sciences)

**Note:** Cross-listed with WGST 545.

**Note:** Credit may not be earned for this course and PAS 645 or WGST 645.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 546. African Languages in the Diaspora 3 Units**

**Prerequisite(s):** junior standing.

**Description:** Course investigates the intersections of linguistic behavior from the perspective of the global African Diaspora. Explores the many manifestations of African and other linguistic influences as seen through an analysis of various media. (Humanities)

**Note:** Credit may not be earned for this course and PAS 346.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 547. Language, Race, Class and Gender 3 Units**

**Prerequisite(s):** Junior standing.

**Description:** Course investigates the intersections of linguistic behavior with questions of race, class and gender. Students will gain an understanding of the multiple characteristics of communication. (Humanities)

**Note:** Credit may not be earned for this course and WGST 547.

**Note:** Cross-listed with WGST 547.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 548. Black Museums and Cultural Heritage 3 Units**

**Prerequisite(s):** 6 credit hours completed in Anthropology or Pan African Studies.

**Description:** Examination of historical and cultural dimensions of museums and heritage sites in Africa and Africa Diaspora. Representation of Africana ethnic groups depicted in museum setting and public culture. (Social Sciences)

**Note:** Graduate credit may not be earned for both PAS 548 and PAS 648.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 549. African Americans in Louisville, Kentucky 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** In-depth examination of the history of African Americans in Louisville, Kentucky, from the settlement of the trans-Appalachian west to the present. Through the use of primary, secondary and oral historical sources, the course will focus on the social, cultural, political and economic dimensions of African-American life in Kentucky's largest metropolitan area. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 550. African Popular Culture 3 Units**

**Description:** Examination of the popular arts of Africa, focusing on the variety of aesthetic forms, performance styles, and the sociocultural and political contexts in which they are found. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 551. Studies in African-American Literature 3 Units**

**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.  
**Description:** In-depth study of selected movements, topics, or groupings of African-American writers. (Humanities)  
**Note:** Cross-listed with ENGL 550.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 557. African Philosophy 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHIL 301, or PHIL 302, or PHIL 303, or PHIL 304.  
**Description:** Descriptive and analytical introduction to the ideas and themes in African philosophy through careful readings of texts which address a cluster of topics. (Humanities)  
**Note:** Cross-listed with PHIL 557.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 566. Race and Gender in Psychological Research 3 Units**

**Description:** Critical review of psychology with respect to issues of race and gender. Examines theory and research paradigms, modern, postmodern and Afrocentric methodologies. (Social Sciences)  
**Note:** Cross-listed with PSYC 566.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 567. Post-Colonial Voices: Writing Experience in African Literature - WR 3 Units**

**Prerequisite(s):** ENGL 102 or ENGL 105; Junior standing.  
**Description:** Examination of "post-coloniality" through a selection of fiction and literary criticism by African writers. Historical period: post-1900.  
**Note:** Cross-listed with ENGL 567.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 575. Genre Studies in African-American Literature 3 Units**

**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.  
**Description:** In-depth study of a selected genre of African-American literature. (Humanities)  
**Note:** Cross-listed with ENGL 575.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 577. The Harlem Renaissance 3 Units**

**Prerequisite(s):** Junior standing; ENGL 102 or ENGL 105.  
**Description:** In-depth study of the literature of the Harlem Renaissance in relation to other literary and artistic productions of the period and to cultural and historical contexts. (Humanities)  
**Note:** Cross-listed with ENGL 577.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 578. The Music of the Black Church 3 Units**

**Term Typically Offered:** Fall, Spring  
**Description:** This course is designed for the upper division or graduate student in music or Pan-African studies and explores the historical and musical development of African-American sacred music from slavery to the present; from Spirituals to traditional and contemporary Gospel music. Special emphasis is given to the impact that this music has had on African-American culture in the United States, which represents a synthesis of African and European cultures into a unique hybrid with its own tradition of development.  
**Note:** Cross-listed with MUS 578.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 581. Pan-African Art: Form and Content 3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Similarities and differences in African-American folk art, Caribbean folk art and traditional African art. (Humanities)  
**Note:** Cross-listed with ARTH 544.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 586. Field Research 3-6 Units**

**Prerequisite(s):** 12 hours PAS credit or consent of instructor.  
**Description:** On-site field study of a particular aspect of society in the African Diaspora.  
**Note:** Maximum of 6 credit hours, depending upon project.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PAS 590. Studies in African History - WR 3 Units**

**Prerequisite(s):** Junior standing or faculty consent.  
**Description:** Intensive study of a particular topic chosen by the instructor, for example, slavery and the slave trade, traditional kingdoms. (Social Sciences)  
**Note:** Cross-listed with HIST 590.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Nine prior hours of HIST or PAS is recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Peace, Justice and Conflict Transformation (PEAC)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**PEAC 201. Peace and Conflict: For Daily Life, Civic Affairs, and Professional Life Ahead - SB, D2** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** This introduction to Peace Studies gives students basic knowledge and skills in essential concepts including: understanding and transforming conflict in their personal lives, their nation, and their world; cultural competency at home and abroad; peace and nonviolence in practice; and sustainability. Students learn through readings, films, in-class activities, and out-of-class service learning. They will write a mission statement for their life that reflects how they can include principles encountered in the class in their personal and professional lives ahead.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 325. Peace, Justice & Conflict Transformation** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduces fundamental issues within the broad realm of Peace Studies and deepens student skills in critical thinking, conflict analysis, and problem solving. Core issues: conflict analysis, non-violent action, violence prevention, warism, peacebuilding, and gender and peace. (Social Science)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 350. Mediation & Conflict Transformation** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** Basic skills include understanding the place and role of mediation as a conflict transformation tool; applying techniques for constructive negotiation; understanding sources of conflict and recognizing conflict management styles; gaining practical experience in conflict resolution techniques and skill building; understanding stages of mediation; acquiring listening and communication skills; understanding directive, facilitative, and transformative styles of mediation. (Social Science)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 375. Independent Study in Peace Studies** 1-3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** This section requires permission of the instructor. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 525. Peace, Justice & Conflict Transformation** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Graduate standing.

**Description:** Introduces fundamental issues within the broad realm of Peace Studies and deepens student skills in critical thinking, conflict analysis, and problem solving. Core issues: conflict analysis, non-violent action, violence prevention, warism, peacebuilding, and gender and peace.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 545. Basic Mediation & Conflict Transformation** 3 Units

**Prerequisite(s):** Graduate standing.

**Description:** Basic skills include understanding the place and role of mediation as a conflict resolution tool; applying techniques for constructive negotiation; understanding sources of conflict and recognizing conflict management styles; gaining practical experience in conflict resolution techniques and skill building; understanding stages of mediation; acquiring listening and communication skills; understanding directive, facilitative, and transformative styles of mediation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 550. Service Learning in Peacebuilding** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PEAC 325 and PEAC 350.

**Description:** All students will complete service learning in peace-building after completing other requirements for certificate in Peace, Justice & Conflict Transformation. They will work within an approved organization whose focus is some aspect of peace, justice, or conflict transformation. The objective is for them to learn first-hand how principles and theories studied in previous classes are applied in the field. (Social Science)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PEAC 575. Independent Study in Peace, Justice & Conflict Transformation** 1-5 Units

**Prerequisite(s):** Minimum GPA of 3.0, or at least 45 semester hours credit, and permission of PJCT Director.

**Description:** Independent study is available to selected undergraduates or graduate students with a specific topic to focus upon that fits within the broad sphere of Peace, Justice & Conflict Transformation. Students will be supervised by either the director of the program or another individual appropriate for the selected topic.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Pharmacology and Toxicology (PHTX)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that

they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### PHTX 395. Basic Pharmacology 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Permission of Instructor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Philosophy (PHIL)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### PHIL 205. Introduction to Philosophy - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** ENGL 101.

**Description:** Selected writings by important philosophers (e.g., Plato, Aristotle), illustrating their problems, methods, and conclusions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 206. Introduction to Philosophy through Literature and Film - AH 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Study of central philosophical problems using literary and cinematic works, as well as traditional philosophical texts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 207. Introduction to Philosophy through Cultural Diversity - D2, AH 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Survey of historical canonical contributions to western philosophy juxtaposed with minority voices to understand how social, economic, and cultural situatedness affect bodies of knowledge.

**Note:** Cross-listed with WGST 207 and PAS 207.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 208. Science Fiction and Philosophy - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Introduction to philosophical problems, philosophers, and methods through works of science fiction.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 209. The Good Life - AH 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Introduction to philosophical problems, philosophers, and methods through an investigation into the good life.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 211. Critical Thinking - AH 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to and practice in methods of critical thinking, including argument identification, construction and revision; assessment of evidence; and critique of reasoning.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 219. Sex and Values - AH, D1 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** Critical studies of the treatment of sex in various moral philosophies, including a survey of classical viewpoints, but emphasizing contemporary writings.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHIL 220. Readings in Ethics 1 Unit

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Permission of Department.

**Description:** Students in this course will develop and exercise their critical thinking capacity and knowledge of ethics as understood in western philosophy through exploring history, topics, and ways of thinking about ethics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>PHIL 222. Contemporary Moral Problems - AH</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Moral aspects of current medical, legal, political, environmental and social problems and of the presuppositions contained in their various solutions.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 305. Selected Topics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Junior standing or faculty consent; other prerequisites determined by the instructor, depending on topic.  <b>Description:</b> Examination of a selected topic in Philosophy.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>PHIL 225. Business Ethics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Analysis of moral problems that arise in contemporary business practice and of the different ethical frameworks proposed to resolve them.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 306. Nineteenth-Century Philosophy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Major developments in European philosophy in the nineteenth century.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>PHIL 300. Philosophy in Dialogue</b> <b>1 Unit</b>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> A course where philosophy majors can engage in dialogue about the nature of philosophy, the practice of philosophy, and how philosophy can promote life-long success and well being.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 307. Twentieth-Century Philosophy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Major developments in European philosophy in the twentieth century.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>PHIL 301. Ancient Philosophy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Greek and Roman philosophy from the pre-Socratics through the neo-Platonists.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 308. Social and Political Philosophy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Classical and contemporary philosophies of society and the state, individual in society, and social change. Philosophical analysis of such concepts as justice, revolution, freedom, and duty.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>PHIL 302. Medieval Philosophy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> European philosophy from Augustine to the Renaissance.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 311. Introduction to Logic</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Introduction to formal and informal techniques of argument analysis, with emphasis on applications to ordinary language.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>PHIL 303. Modern Philosophy</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> European philosophy from the Renaissance through Kant.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 315. Asian Philosophy - AH, D2</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> This course explores a variety of philosophical questions as discussed in work by Indian, Chinese, and Japanese philosophers (as well as their commentators), including: What is real, what is the nature of things, and what is the self?; How do we know what we know?; What is right, and what is wrong?; What is human nature like, and how fixed is it?; How should we live, especially in light of human morality?                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>PHIL 304. Philosophy and the Americas</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> This course surveys traditions of philosophical thought developed in North America and Latin America, from early Maya and Aztec civilizations to the present. It explores modes of thinking and ways of doing philosophy that are responsive to the unique problems of origins, migration, colonization, democracy, and race in the Americas. Many of these actively reject distinctions between academic writing, poetry, and activism. In particular, the course focuses on traditions of engaged philosophy that seek to develop new epistemological, moral, political, and aesthetic theories that capture the challenges and particularities of life in the Americas.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>PHIL 318. Philosophy and Feminism - D1, AH</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> An examination of philosophical issues involved in feminism, including classical, but emphasizing contemporary discussions.  <b>Note:</b> Cross-listed with WGST 360.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

- PHIL 319. Philosophy of Race and Racism - AH, D1** **3 Units**  
**Term Typically Offered:** Spring, Summer  
**Description:** A critical examination of philosophical issues involved in interdisciplinary inquires into race and racism.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 320. Death** **3 Units**  
**Description:** Critical studies of the treatment of death in major philosophies, including a survey of classical viewpoints, but emphasizing contemporary writings.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 321. Ethics** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Main theoretical frameworks for systematically addressing questions about moral obligation and the good life. Additional topics may include responsibility, virtue, justice, law and morality, relativism, evil, and reasons to be moral.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 323. Medical Ethics** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Analysis of codes of ethics and concepts of ethical practice in the profession of medicine; historical developments, contemporary problems, and case studies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 325. Feminist Medical Ethics** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** Analysis of codes of ethics and concepts of ethical practice in the profession of medicine through a feminist framework; historical developments, contemporary problems, and case studies.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 328. Environmental Ethics** **3 Units**  
**Term Typically Offered:** Fall Odd Years  
**Description:** Examination of the moral status of the natural environment and ethical problems of human/environment interaction.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 331. Philosophy of the Arts** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** The nature of art, appreciation, and criticism, with emphasis on contemporary discussions.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 341. Philosophy of Language - WR** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** Philosophical problems concerning language, such as meaning, use, reference, private language, and their interrelation.  
**Note:** Cross-listed with LING 341.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 345. Philosophy of Religion** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** Problems concerning religious knowledge, the existence and nature of God, and human destiny.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 350. Philosophy of Law** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Theory of law and philosophical problems arising from the existence and practice of law as developed in the major philosophical traditions in the West.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 356. Metaphysics - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Two courses in philosophy or faculty consent.  
**Description:** Study of such fundamental concepts as being, essence, existence, substance, process, change, space, time, eternity, matter, mind, self, value, and cause.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 357. Personal Identity and the Self** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Philosophical analysis of metaphysical, existential, social and postmodern concepts of personal identity, drawing from classical and contemporary sources.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 358. Mind and Brain** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Introduction to the philosophy of cognitive science, esp. cognition and intelligence, synthesizing research from cognitive psychology, computer science, linguistics, neuroscience and contemporary philosophy.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHIL 360. Humanizing Technology - AH** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** This course will explore the philosophical dimensions of technology by analyzing the nature of technology through multiple critical lenses.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 385. Introduction to Existentialism** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** A broad survey of existential thought as expressed in philosophical and literary sources.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 398. Senior Honors Seminar** 3 Units  
**Prerequisite(s):** Junior standing; admission to department Honors Program.  
**Description:** Seminar devoted to the intensive investigation of a major substantive or theoretical area within the field of philosophy.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 399. Senior Honors Seminar - WR** 3 Units  
**Term Typically Offered:** Spring, Summer  
**Prerequisite(s):** Junior standing; admission to department Honors Program.  
**Description:** Seminar devoted to the intensive investigation of a major substantive or theoretical area within the field of philosophy.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 401. Philosophy Internship** 3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring  
**Description:** Application of academic training in an organizational context. Faculty consent required.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 412. Symbolic Logic** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Semantic and syntactic methods for first-order propositional and predicate logic.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 499. Senior Honors Thesis - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior standing; admission to department Honors Program.  
**Description:** An intensive examination of a topical area in philosophy undertaken with a designated faculty director.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 501. Independent Study** 1-3 Units  
**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 502. Philosophy Capstone Seminar - CUE** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** 24 hours of PHIL courses; major in Philosophy.  
**Description:** Seminar with variable content consisting in sustained and rigorous primary philosophical study and reflection; required of all philosophy majors as close to graduation as feasible.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 505. Selected Topics** 3 Units  
**Prerequisite(s):** To be determined by instructor, in the light of the topic chosen for that semester.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 512. Advanced Symbolic Logic** 3 Units  
**Prerequisite(s):** PHIL 412 or consent of instructor.  
**Description:** Topics in the theory and application of modern logic.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 516. African-American Philosophy** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHIL 205 or PHIL 303 or PHIL 304.  
**Description:** Analysis of works and theories of major recent and contemporary African-American philosophers within the themes of Pan-African debates.  
**Note:** Cross-listed with PAS 516.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 518. Feminist Philosophical Literature 3 Units**

**Prerequisite(s):** Junior standing.  
**Description:** Examination of central works by feminist philosophers in such subdisciplines as ethics, political philosophy, and epistemology.  
**Note:** Cross-listed with WGST 560.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 519. Topics in Philosophy of Race and Racism 3 Units**

**Description:** Focused examination of philosophical issues involved in interdisciplinary inquires into the nature and functioning of race and racism.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 521. Ethical Theory - WR 3 Units**

**Prerequisite(s):** One course in ethics or consent of instructor.  
**Description:** Recent developments in ethical theory, such as examinations of the status of moral facts; moral realism; impartiality and personal attachments; or moral agency.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 528. Philosophy of Mind 3 Units**

**Prerequisite(s):** Two semesters of philosophy or consent of instructor.  
**Description:** Philosophical analysis of contemporary theories about the mind.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 529. Philosophy of Emotions 3 Units**

**Prerequisite(s):** One course in philosophy or consent of instructor.  
**Description:** Philosophical studies in the nature, interrelations, and moral and aesthetic value of specific emotions, such as pride, shame, guilt, regret, jealousy, envy, resentment, anger, hate, contempt, love, joy, happiness, contentment.  
**Note:** Cross-listed with PHIL 629.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 531. Aesthetics 3 Units**

**Description:** An examination of philosophical theories of art, works of art, creative activity, and aesthetic experience, from Plato to the present.  
**Note:** Credit may not be earned for both PHIL 531 and PHIL 631.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 535. Political Philosophy 3 Units**

**Prerequisite(s):** Two courses in philosophy and/or political science.  
**Description:** The main concepts of contemporary political thought: rights, law, power, ideology, legitimacy, democracy, tyranny, the state, and justice, with the focus on the topic of political action in both its individual and collective forms.  
**Note:** Credit may not be earned for both PHIL 535 and PHIL 635.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 536. Philosophy of Science 3 Units**

**Prerequisite(s):** Two courses in philosophy and two courses in biology, chemistry, physics, or geology or consent of instructor.  
**Description:** Philosophical problems connected with scientific explanation, laws, theories, concepts, goals and methods.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 537. Philosophy of the Social Sciences 3 Units**

**Prerequisite(s):** One philosophy course and one upper-level course in political science, psychology, sociology, anthropology, economics, or geography; or consent of instructor.  
**Description:** Critical analysis of methodological, valuational, and metaphysical problems in the social sciences.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 538. Critical Social Theory 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** A critical examination of interdisciplinary theories that seek to understand and explain social formations while at the same time uncovering ways that such formations can be unjust and irrational.  
**Note:** Cross-listed with SCHG 538.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHIL 540. Epistemology - WR 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** Conceptual and historical background to analysis of knowledge claims; intensive study of theoretical approaches to knowledge, such as naturalized epistemology; socialized epistemology, feminist epistemology, postmodern critiques of normative conceptions of knowledge.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Credit may not be earned for both PHIL 540 and PHIL 640.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHIL 545. Topics in Philosophy of Religion** **3 Units**  
**Term Typically Offered:** Spring Odd Years  
**Description:** Philosophy of religion is the branch of philosophy that discusses the nature and existence of transcendent being and its implications for us. What can reason alone tell us about such matters? Various issues for discussion: what religious belief is, religious experiences, relation of faith and reason, divine attributes, evidence for/against existence of God, possibility of miracles, immortality, language about God, religion and science, religious diversity, religion and morality.  
**Note:** Cross-listed with PHIL 645.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 553. Plato and Platonism** **3 Units**  
**Prerequisite(s):** PHIL 301 or consent of instructor.  
**Description:** Plato's dialogues, and the course of Platonist thought through Plotinus and the Christian philosophers, to modern times. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 554. Aristotle and Aristotelianism** **3 Units**  
**Prerequisite(s):** PHIL 301 or consent of instructor.  
**Description:** Aristotle's basic works and their influence on St. Thomas Aquinas and others in the Middle Ages. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 557. African Philosophy** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHIL 301, or PHIL 302, or PHIL 303, or PHIL 304.  
**Description:** Descriptive and analytical introduction to the ideas and themes in African philosophy through careful readings of texts which address a cluster of topics.  
**Note:** Cross-listed with PAS 557.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 572. Phenomenology** **3 Units**  
**Prerequisite(s):** PHIL 303 or consent of instructor.  
**Description:** The development of the phenomenological method and its use from Husserl to the present. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 573. Existentialism** **3 Units**  
**Prerequisite(s):** Two semesters of philosophy or consent of instructor.  
**Description:** The thought of Kierkegaard, Nietzsche, Heidegger, Jaspers, Sartre, Marcel, and others, and its significance. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 580. Foundations of Bioethics** **3 Units**  
**Prerequisite(s):** One Philosophy course at 300-level or above, or consent of instructor.  
**Description:** Grounding in the major theories and methods of bioethical decision-making, including contemporary controversies about the role of theory, principles, cases, narrative, and virtues.  
**Note:** Cross-listed with BETH 680.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 581. Current Controversies in Health Care Ethics** **3 Units**  
**Prerequisite(s):** One Philosophy course at 300-level or above, or consent of instructor.  
**Description:** Topics in health care ethics currently attracting the most attention in both professional and public discussions. A variety of viewpoints on these topics will be considered. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 582. Gender, Race, and Culture in Health Care** **3 Units**  
**Prerequisite(s):** One Philosophy course at 300-level or above, or consent of instructor.  
**Description:** Examines ways social groupings and systems affect the kind of health care needed and the kind people receive. Addresses both biases and stereotypes, and empirical claims about biologically-based differences.  
**Note:** Cross-listed with WGST 582.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 583. Health Care, Justice & Community** **3 Units**  
**Prerequisite(s):** One Philosophy course at 300-level or above, or consent of instructor.  
**Description:** Examines theories of justice and equality as they apply to issues in health care delivery, considers explanations for why disparities exist, and the practical ways that communities have addressed inequalities. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHIL 590. Fundamentals of Diversity** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course will provide an overview of the theory and practice of diversity. Diversity is understood as the many sociocultural differences between individuals and the differences that those differences make for those individuals. In this course, we will explore the historical context of oppression, the oppression framework for understanding diversity, privilege, social identity, the role of the body in diversity, stereotypes, and the personal experiences of both those who are oppressed and those who are privileged. Students will also have a substantial opportunity to examine how these general themes impact their particular area of study, work, or interest. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Philosophy, Politics, and Economics (PPE)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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#### PPE 300. Introduction to Philosophy, Politics, and Economics - SB 3 Units

**Term Typically Offered:** Fall Only

**Description:** This course introduces students to the interdisciplinary study of Philosophy, Politics, and Economics. Taken together these subjects enable a rigorous yet applied study of society and social institutions such as governments, markets, and firms, and civil society more generally.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### PPE 499. Selected Readings in Philosophy, Politics, and Economics 3 Units

**Term Typically Offered:** Spring Only

**Description:** This capstone course enables students, through guided discussion, to read and understand major historical and contemporary works in Philosophy, Politics, and Economics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Physics and Astronomy (PHYS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific

fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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#### PHYS 107. Elementary Astronomy - S 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to the basic laws of nature as seen in the large-scale structure of the universe: galaxies, stars and our solar system. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### PHYS 108. Elementary Astronomy Laboratory - SL 1 Unit

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Concurrent or prior registration in PHYS 107.

**Fee:** An additional \$25.00 is charged for this course.

**Description:** Experiments in astronomy illustrating basic physical concepts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### PHYS 111. Elements of Physics - B 4 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Appropriate math placement.

**Description:** An introduction to the physics of mechanics, forces, energy and momentum. Electricity and magnetism: electrical conduction, and magnets. Optics: color, mirrors, and lenses. Basic ideas and concepts of quantum physics.

**Note:** May not be taken by student who has completed 5 or more hours in Physics at the 200-level.

**Note:** Not acceptable toward a Physics major.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### PHYS 219. Contemporary Issues in Meteorology Lab - SL 1 Unit

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Concurrent enrollment in PHYS 220.

**Description:** A lab designed to provide real-world examples of atmospheric processes through analysis and problem solving using basic concepts and physical principles relevant to the atmosphere.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### PHYS 220. Introduction to Weather and Climate - S 3 Units

**Term Typically Offered:** Fall Only

**Description:** The topics to be covered in this course include season, temperature, pressure, wind and moisture of the atmosphere, storm system such as mid-latitude cyclones, thunderstorms, tornadoes and hurricanes, the weather forecast process, and climate change.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

#### PHYS 221. Fundamentals of Physics I - S 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Appropriate Math placement.

**Description:** Basic concepts and methods of physics as applied in the study of mechanics, heat and sound.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<b>PHYS 222. Fundamentals of Physics II - S</b> <b>Term Typically Offered:</b> Fall, Spring <b>Prerequisite(s):</b> PHYS 221 or PHYS 298 or equivalent. <b>Description:</b> Basic concepts and methods of physics as applied in the study of electricity, magnetism, optics and modern physics. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	<b>PHYS 299. Introductory Electricity, Magnetism and Light</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> PHYS 298 and (MATH 206 or ENGR 102 (or concurrently in either)). <b>Description:</b> Basic methods of physics with calculus applied to topics in electricity, magnetism and light. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>4 Units</b>
<b>PHYS 223. Fundamentals of Physics Lab I - SL</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> PHYS 221 (or concurrently). <b>Fee:</b> An additional \$25.00 is charged for this course. <b>Description:</b> Experiments in mechanics, heat and sound. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>1 Unit</b>	<b>PHYS 300. Introductory Modern Physics</b> <b>Term Typically Offered:</b> Fall, Spring <b>Prerequisite(s):</b> PHYS 299; physics majors should take PHYS 301 concurrently. <b>Description:</b> Introduction to special relativity and quantum theory, with applications to atomic, nuclear, and solid state physics. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>
<b>PHYS 224. Fundamentals of Physics Laboratory II - SL</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> PHYS 222 (or concurrently). <b>Fee:</b> An additional \$25.00 is charged for this course. <b>Description:</b> Experiments in electricity, magnetism, and light. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>1 Unit</b>	<b>PHYS 301. Introductory Modern Physics Laboratory</b> <b>Term Typically Offered:</b> Fall Only <b>Prerequisite(s):</b> PHYS 300 (or concurrently). <b>Fee:</b> An additional \$25.00 is charged for this course. <b>Description:</b> Experiments in modern physics. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>1 Unit</b>
<b>PHYS 275. Introduction to Scientific Computing and Data Analysis</b> <b>Description:</b> Prerequisites or corequisites: MATH 205, or ENGR 101; or faculty consent. An introduction to data analysis, statistical distributions, fitting models and functions to data, estimating uncertainties, and visualizing data. Students learn a modern scientific programming language (e.g. Python, Matlab), with examples based on real problems in the physical and life sciences. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>	<b>PHYS 307. Introductory Stellar Astrophysics</b> <b>Term Typically Offered:</b> Fall Only <b>Prerequisite(s):</b> PHYS 299; MATH 206 or ENGR 102; PHYS 300 recommended. <b>Description:</b> A calculus-based introduction to the physics of the solar system, and stars, covering celestial mechanics, tides, the nature of light, star and planet formation and evolution. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>3 Units</b>
<b>PHYS 295. Introductory Laboratories I - SL</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> PHYS 298 (or concurrently). <b>Fee:</b> An additional \$25.00 is charged for this course. <b>Description:</b> Experiments in mechanics and heat. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>1 Unit</b>	<b>PHYS 308. Observational Astronomy</b> <b>Term Typically Offered:</b> Fall Only <b>Prerequisite(s):</b> PHYS 221 and PHYS 222, or PHYS 298 and PHYS 299, or equivalent. <b>Description:</b> Optical astronomy including observing at Moore Observatory, solar observing, instrumentation control with computers, and astronomical data acquisition and interpretation. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>1 Unit</b>
<b>PHYS 296. Introductory Laboratories II - SL</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> PHYS 299 (or concurrently). <b>Fee:</b> An additional \$25.00 is charged for this course. <b>Description:</b> Experiments in electricity, magnetism, and light. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>1 Unit</b>	<b>PHYS 350. Differential Equations for the Physical Sciences</b> <b>Term Typically Offered:</b> Fall Only <b>Prerequisite(s):</b> MATH 206 or ENGR 102 or permission of instructor. <b>Fee:</b> An additional \$50.00 is charged for this course. <b>Description:</b> Topics include methods of solution of differential equations, and simple modeling of phenomena using differential equations. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>4 Units</b>
<b>PHYS 298. Introductory Mechanics, Heat and Sound - S</b> <b>Term Typically Offered:</b> Fall, Spring, Summer <b>Prerequisite(s):</b> MATH 205 or ENGR 101 (or concurrently in either). <b>Description:</b> Basic methods of physics with calculus applied to topics in mechanics, heat and wave motion. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	<b>4 Units</b>		

<b>PHYS 351. Atomic and Nuclear Physics Laboratory</b>	<b>2 Units</b>	<b>PHYS 362. Physical Meteorology</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Spring Only		<b>Term Typically Offered:</b> Fall Only	
<b>Prerequisite(s):</b> PHYS 300.		<b>Prerequisite(s):</b> PHYS 361.	
<b>Fee:</b> An additional \$25.00 is charged for this course.		<b>Description:</b> An introduction to the application of physics to atmospheric structure and dynamics. Includes cloud formation, and the effects of planetary rotation on large-scale atmospheric motion.	
<b>Description:</b> Experimental procedures in atomic and nuclear physics. For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>PHYS 355. Optics</b>	<b>3 Units</b>	<b>PHYS 363. Atmospheric Physics</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Fall Only		<b>Term Typically Offered:</b> Fall Only	
<b>Prerequisite(s):</b> PHYS 299.		<b>Prerequisite(s):</b> MATH 206 or ENGR 102 (or equivalent), or permission of instructor.	
<b>Description:</b> Introduction to wave theory of light and relation between light waves and rays; theory of thick lenses and lens aberrations; interference and diffraction of coherent light.		<b>Description:</b> This course will cover atmospheric thermodynamics, radiative transfer, cloud microphysics, planetary boundary layer, elementary atmospheric chemistry, and physics of the atmosphere.	
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>PHYS 356. Optics Laboratory</b>	<b>2 Units</b>	<b>PHYS 365. Mesoscale Meteorology</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Fall Only		<b>Term Typically Offered:</b> Spring Only	
<b>Prerequisite(s):</b> PHYS 299.		<b>Prerequisite(s):</b> PHYS 360.	
<b>Fee:</b> An additional \$25.00 is charged for this course.		<b>Fee:</b> An additional \$50.00 is charged for this course.	
<b>Description:</b> Laboratory experiments illustrating the reflection, refraction, interference, diffraction, and polarization of light.		<b>Description:</b> Introduction to mesoscale processes, with an emphasis on convective storms and severe weather, and the techniques used for the study and prediction of such events.	
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
<b>PHYS 360. Introduction to Weather Analysis</b>	<b>3 Units</b>	<b>PHYS 371. Special Topics</b>	<b>3 Units</b>
<b>Term Typically Offered:</b> Fall Only		<b>Prerequisite(s):</b> Faculty consent.	
<b>Prerequisite(s):</b> MATH 205 or ENGR 101.		<b>Description:</b> Exploration of intermediate level of some well-defined topic not treated comprehensively in a regular course.	
<b>Fee:</b> An additional \$50.00 is charged for this course.		<b>Note:</b> Topic announced in Schedule of Courses.	
<b>Description:</b> A study of day-to-day weather patterns with an emphasis on understanding the basics of meteorological processes, forecast preparation, and mastery of manual data analysis. Topics covered will include manual construction of weather maps, interpreting observations, an introduction to physics of meteorological processes and the structure of circulation patterns.		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		<b>PHYS 375. Intermediate Scientific Computing and Data Analysis</b>	<b>3 Units</b>
<b>PHYS 361. Atmospheric Thermodynamics</b>	<b>3 Units</b>	<b>Term Typically Offered:</b> Spring Only	
<b>Term Typically Offered:</b> Spring Only		<b>Prerequisite(s):</b> PHYS 275.	
<b>Prerequisite(s):</b> MATH 206 or ENGR 102 with a C or better, or an ACT Math score of 24, or a SAT Math score of 550; and MATH 301 or ENGR 201 (or either concurrently).		<b>Description:</b> Prerequisites or corequisites: PHYS 221 or PHYS 298; MATH 206 or ENGR 102; or faculty consent. Advances skills in programming with high-level languages (e.g. Python, Matlab, Mathematica) for physics-based modeling and analysis of real data.	
<b>Description:</b> An introduction to the principles of thermodynamics and their applications to atmospheric structure and dynamics. Includes the study of relationships among pressure, temperature, density, internal energy, entropy, atmospheric interaction with gravity, and the central role of water in atmospheric dynamics.		Students learn how to prepare input data for discovery of correlations and systematic behavior, how to effectively employ linear and multi-parameter regressions, error propagation and mitigation, and how to objectively evaluate model fits.	
For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )		For class offerings for a specific term, refer to the Schedule of Classes ( <a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a> )	

- PHYS 390. Introductory Computational Physics** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 300 and MATH 301.  
**Description:** Introduction to the Unix/Linux operating system and the use of contemporary programming languages with applications to physics, including basic numerical methods, simulations, and data manipulation. Introduction to scientific software packages including data visualization. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 430. Practicum in Physics Education - CUE** 1 Unit  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Completion of PHYS 300 and PHYS 460; PHYS majors only; permission to enroll required; minimum 3.0 GPA in major to be eligible.  
**Description:** A guided learning experience in inquiry-based instructional techniques and best practices in STEM education that includes field experience as an undergraduate teaching assistant.  
**Note:** May be repeated for a maximum of 6 credit hours.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 450. Introductory Mathematical Physics** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 350 or ENGR 205 or MATH 405; MATH 301 or ENGR 201.  
**Description:** Introduction to mathematical methods and concepts used in physics. Topics include: vector calculus, matrices and linear vector spaces, special functions and partial differential equations. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 460. Mechanics** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PHYS 298 and PHYS 350.  
**Description:** Kinematics, particle dynamics, oscillatory motion, central forces, rigid body motion, variation methods.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 464. Atmospheric Dynamics** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** MATH 206 or ENGR 102 (or equivalent), or permission of instructor.  
**Description:** Introduction to atmospheric dynamics, including conservation of mass, momentum, and energy, scale analysis, the Coriolis force and geostrophic balance, the thermal-wind equation and its connection to remote-sensing, and Rossby waves. The critical roles of conservation of potential vorticity and baroclinic instability in setting the synoptic scale (the separation between highs and lows) and in maintaining persistent unsteadiness in atmospheres and oceans are established. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 465. Dynamic Meteorology I** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PHYS 361.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** An introduction to the theory of atmospheric dynamics with application of Newtonian physics and classical thermodynamics to geophysical fluid dynamics. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 466. Dynamic Meteorology II** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHYS 465.  
**Fee:** An additional \$50.00 is charged for this course.  
**Description:** This is the second semester in the theory of atmospheric dynamics and dynamic meteorology. Topics may include shear instability, atmospheric waves, moist convection, and weather fluctuation. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 475. Machine Learning in the Physical Sciences** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PHYS 375.  
**Description:** Covers the fundamentals of machine learning (ML), including the classification and regression of data using different ML tools, e.g. supervised and unsupervised learning, Monte Carlo Markov Chains (MCMC), and Bayesian methods. Students will learn the metrics of ML success applied to real data from the physical sciences, tuning hyperparameters, and the critical evaluation of ML outcomes. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 495. Communicating in Physics** 1 Unit  
**Prerequisite(s):** Senior standing.  
**Description:** Preparation and oral presentation of scientific results in a seminar format. Organization and written presentation of scientific results in a journal format. Communication of research results through a website.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 496. Senior Seminar in Physics - CUE, WR** 3 Units  
**Prerequisite(s):** PHYS 460 and senior standing.  
**Description:** Students will review current professional journals in the discipline and discuss effective scientific writing, including the draft and revision process. Students will write a reflect on the connections between their physics education and critical thinking models. Students will also perform a research project and present the results in journal format.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHYS 497. Senior Thesis in Physics - WR, CUE** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 460 and senior standing.  
**Description:** Students will perform original research and write up their methods and results in a multi-chapter thesis. Research projects may be a continuation of previously initiated research.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 498. Undergraduate Research** 1-3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PHYS 301, PHYS 350, PHYS 351 and approval of instructor.  
**Description:** Experimental or theoretical research under the guidance of a physics faculty member. The student will participate in one of the ongoing research projects in the department. The student will acquire hands-on-experience in an actual research project. The student will produce a written report on the results of the research project.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 499. Cooperative Internship in Physics - CUE** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** PHYS 295, PHYS 296, PHYS 298, PHYS 301 and 6 additional hours in Physics; Junior standing or above; approval of department.  
**Description:**  
**Note:** May be repeated to a maximum of 6 hours.  
**Note:** Three hours may apply toward BA or BS major programs as upper division major electives or may be used to satisfy requirement for Culminating Undergraduate Experience.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 501. Independent Study** 1-3 Units  
**Description:** Independent research conducted with the approval and supervision of a faculty member.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 502. Independent Study** 1-3 Units  
**Description:** Independent research conducted with the approval and supervision of a faculty member.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 507. Solar System Astronomy** 3 Units  
**Prerequisite(s):** PHYS 300; MATH 206 or ENGR 102.  
**Description:** This is an advanced course in solar system astrophysics, and will cover orbital mechanics, the nature of light, astronomical instrumentation, solar physics, planetary atmospheres/geophysics, comets/asteroids, interplanetary dust and exo-planets.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 517. Physics of Climate** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Prerequisite(s):** MATH 206 or ENGR 102 (or equivalent) or permission of instructor.  
**Description:** Introduction to the physics of Earth's climate system, including the energy budget of the atmosphere, oceans, and cryosphere, shortwave and longwave radiation, the effects of clouds and aerosols, and models of the greenhouse effect, climate sensitivity, atmosphere-ocean feedbacks, and climate change.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 518. Space Weather** 3 Units  
**Term Typically Offered:** Spring Even Years  
**Prerequisite(s):** MATH 206 or ENGR 102 (or equivalent), or permission of instructor.  
**Description:** This course provides a comprehensive overview of the physics and effects of space weather. Space weather refers to conditions on the Sun and in the solar wind, magnetosphere, ionosphere, and thermosphere that can influence the performance and reliability of space-borne and ground-based technological systems, and affect human life or health.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 520. Vibrations and Sound** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 298, PHYS 299 and MATH 206.  
**Description:** Vibrating bodies, propagation of sound waves, physical acoustics, and ultrasonics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 530. Thermal Physics** 3 Units  
**Prerequisite(s):** PHYS 299; MATH 301 or ENGR 201.  
**Description:** The laws of thermodynamics, thermodynamic reasoning, and elements of statistical mechanics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 531. Introductory Statistical Physics** 3 Units  
**Prerequisite(s):** PHYS 530.  
**Description:** Elementary probability theory applied to the understanding of properties of macroscopic matter in terms of their microscopic constituents. Kinetic theory of gases, transport phenomena. Equations of state derived from ensemble theory.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHYS 541. Electromagnetic Fields** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 300; PHYS 350 or MATH 405 or ENGR 205; MATH 301 or ENGR 201.  
**Description:** Electrostatic and magnetostatic fields in free space and in material media, solutions of Poisson's equation, time dependent fields, Maxwell's equations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 542. Electromagnetic Radiation** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHYS 541.  
**Description:** Poisson's equation and LaPlace's Equation, propagation of electromagnetic fields with applications to optics and microwave physics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 545. Advanced Optics** 3 Units  
**Prerequisite(s):** PHYS 355 and PHYS 542; or consent of instructor.  
**Description:** Topics in optical physics including optical system design, lasers, and quantum optics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 546. Advanced Optics Lab** 1 Unit  
**Prerequisite(s):** PHYS 355 or equivalent.  
**Description:** Laboratory experiments illustrating fundamental optical phenomena, the interaction of light and matter, lasers, and quantum optics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 547. Fundamentals of Lasers** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 355; and PHYS 542 or ECE 473; or consent of instructor.  
**Description:** Topics to be discussed include interaction of light with matter, optical amplifiers, laser resonators, Gaussian and higher order optical beams, non-linear optics, and ultra-fast laser pulses.  
**Note:** Cross-listed with ECE 540.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 555. Elementary Quantum Mechanics** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PHYS 300; PHYS 350 or MATH 405 or ENGR 205; PHYS 460.  
**Description:** General concepts of quantum mechanics. Schrodinger equation and solutions in one, two and three-dimensions, hydrogen atom, and orbital angular momentum.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 556. Quantum Theory of Matter** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHYS 555.  
**Description:** Spin and general angular momentum, perturbation theory, variational principle, applications, identical particles, and scattering.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 561. Mathematical Physics I** 3 Units  
**Prerequisite(s):** PHYS 350 or MATH 405 or ENGR 205.  
**Description:** Selected mathematical techniques and their applications to various fields of physics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 562. Mathematical Physics II** 3 Units  
**Prerequisite(s):** PHYS 350 or MATH 405 or ENGR 205.  
**Description:** Selected mathematical techniques and their applications to various fields of physics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 563. Fluid Dynamics** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Prerequisite(s):** MATH 301 or ENGR 201 (or equivalent), or permission of instructor.  
**Description:** An introduction to nonlinear fluid dynamics, covering kinematics (strain, rotation, transport), nonlinear conservation laws (mass, momentum, energy; dimensions forms), vorticity dynamics, viscous flows, boundary layers, shear instability, and turbulence. Concepts are illustrated with applications drawn from aerodynamics (lift and drag on airfoils, propulsion of fish and birds), biofluids (flow in blood vessels), compressible flow (shock waves), geophysical fluid dynamics (waves, shear instability), and turbulence (energy cascades, modeling strategies).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 565. Advanced Computational and Numerical Methods in Physics** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHYS 350 or PHYS 561.  
**Description:** Modern computational and numerical methods in physics with application to problems in different branches of physics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHYS 570. Atomic and Molecular Physics** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PHYS 541 and PHYS 555; or consent of instructor.  
**Description:** The structure of atoms and diatomic molecules, the production of coherent radiation and its interaction with matter.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHYS 575. Solid State Physics****Term Typically Offered:** Fall Only**Prerequisite(s):** PHYS 541 and PHYS 555, or consent of instructor.**Description:** Crystal structure, elastic waves, lattice dynamics, phonons, band theory of solids and conductivity phenomena.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**3 Units**

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

**PHYS 580. Nuclear Physics****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** PHYS 541 and PHYS 555; or consent of instructor.**Description:** Phenomenological study of nuclear properties. Nuclear structure and reactions, radioactive decay, interaction of charged particles with matter.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**3 Units****Course Fees**Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).**PHYS 585. Elementary Particle Physics****Term Typically Offered:** Spring Even Years**Prerequisite(s):** PHYS 541 and PHYS 555, or consent of instructor.**Description:** Properties of elementary particles. Detectors and accelerators. Weak and electromagnetic interactions. Quark model of hadrons, strong interactions.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**3 Units****PHZB 215. Introduction to Fundamentals of Biomedical Sciences** 1 Unit**Term Typically Offered:** Summer Only**Prerequisite(s):** BIOL 102 and CHEM 101 or equivalent.**Description:** Introduction to basic concepts of Organic Chemistry, Physics, biochemistry/Cell biology and Physiology and their application to problem-based learning modules related to medicine and dentistry.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHYS 589. General Relativity****Term Typically Offered:** Spring Even Years**Prerequisite(s):** PHYS 460; MATH 301 or ENGR 201.**Description:** Review of classical gravitation and special relativity, Riemannian geometry, Einstein field equations, exact solutions, tests of the theory, gravitational collapse and black holes, gravitational waves, cosmology.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**3 Units****Planning (PLAN)**Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).**PHYS 590. Astrophysics****Term Typically Offered:** Spring Only**Prerequisite(s):** PHYS 307; PHYS 350 or MATH 405 or ENGR 205 (or equivalent).**Description:** Physics applied to the interstellar medium; the atmospheres, structure, and evolution of stars; galaxies.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**3 Units**

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

**PHYS 595. Special Topics****Description:** Introduction to an advanced topic or elaboration of an intermediate topic not treated comprehensively in a regular course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**1-3 Units****Course Fees**Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).**Physiology (PHZB)**Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).**PLAN 305. Dogs in Society: An Interdisciplinary Examination of the Human-Canine Connection - SB****3 Units****Term Typically Offered:** Spring Only**Description:** The course examines the evolution of dogs as human partners in society and delves into the relationship of our species with one another. It explores medical, safety, ethical, regulatory and legal issues, including the American with Disabilities Act and municipal approaches to regulating ownership. It considers behavioral adaptations of both species and some cutting-edge research in canine neuroscience. (Social Science)For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PLAN 380. Special Topics in Urban Planning** 3 Units

**Term Typically Offered:** Occasionally Offered

**Description:** This course will cover special topics in urban planning at the undergraduate 300 level. Content of the course will vary by semester offered and instructor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PLAN 500. Economics for Public Affairs** 3 Units

**Description:** An introduction to basic economic concepts and their application to public affairs and urban planning.

**Note:** Cross-listed with PADM 500.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PLAN 501. Urban Environmental Quality** 3 Units

**Prerequisite(s):** Consent of instructor.

**Description:** A study of environmental aspects of urban areas and analysis of inter- and intra-city variations in environmental quality.

**Note:** Cross-listed with GEOG 561.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PLAN 511. Planning Theory & History** 3 Units

**Term Typically Offered:** Fall Only

**Description:** This course will introduce the historic foundation of modern urban planning, and investigate the central themes in planning theory, using both historical and contemporary contexts to assist in the understanding of its role in shaping planning thought and practice.

**Note:** Cross-listed with PLAN 601, PADM 507, PADM 607, UPA 684.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Political Science (POLS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**POLS 101. AP Credit** 3 Units

**Description:** Placeholder course to record AP credit in Political Science.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 111. Political Discourse - OC** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Course designed to familiarize students with dimensions of political discourse while simultaneously providing students with opportunity to practice arts of political speech.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 120. Debunking 20 Myths about Politics - SB** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** The objective of the course is straightforward: to debunk (or at least explore) 20 different popular myths regarding American politics.

Topics range from U.S. elections, to ideology in the judicial branch, to conspiracy theories. In exploring these topics, not only will students learn what political scientists have to say about these myths, but they will gain exposure to the various sub-fields of political sciences, learn what political scientists actually do, and lay a groundwork for understanding how social science is practiced.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 201. Introduction to American Government and Politics - SB** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An introduction to national government, stressing the constitutional system, individual rights, techniques of popular control, organization of the presidency, Congress, and the federal courts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 202. Introduction to Comparative Politics - SB, D2** 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** An introduction to foreign governments and major topics in comparative politics, such as democracy, dictatorship, political economy and civil war.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 299. Honors Introduction to Political Science** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Invitation by departmental Honors Committee.

**Description:** An examination of the theories, concepts, and units of analysis used in contemporary political science.

**Note:** Seminar format.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>POLS 302. Urban Political Economy</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Examination of the interrelationships between economic and political forces in the community and how these shape urban development.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 312. Constitutional Law</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> POLS 201.  <b>Description:</b> This class focuses on American constitutional law cases that deal with the powers of the three branches of federal government, as well as the relationship between the federal government and the states.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 304. Comparative Urban Politics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Examination of urban politics in comparative perspective. Highlights the rise of a global economy, its consequences for urban governance and the new role of cities in the international arena.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 313. Constitutional Law</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> POLS 201.  <b>Description:</b> This class focuses on American constitutional law cases that deal with civil rights and liberties, such as the First Amendment, due process, the right to privacy, and equal protection.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 305. Urban Politics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Examination of urban government and politics. Topics include machine politics, urban development, race and ethnicity, power and democracy, and metropolitan problems.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 314. Judicial Politics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> POLS 201.  <b>Description:</b> This class focuses on the American legal system, including federal and state courts, judicial selection, criminal and civil litigation, and judicial decision making.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 306. State Government</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> State and local government, with emphasis upon political, legislative, judicial, and administrative processes.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 315. Race, Law and Politics - SB, D1</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Summer  <b>Description:</b> This course examines the legal consequences of racial inequality in the United States. It explores the origins of the concept of race and documents the nature of contemporary racial inequality.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 310. Policy, Community &amp; Service</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Description:</b> Students will gain career experience applying principles of civic engagement, disciplinary knowledge &amp; skills in a real world setting, and reflecting on those experiences while fostering mentorships, personal values, and civic responsibility.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 316. Gender, Sexuality &amp; Law</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> POLS 201 or instructor consent.  <b>Description:</b> This course examines how legal policy both reflects and shapes norms related to gender and sexuality, and analyze the public policy implications of court decisions related to gender and sexuality.  <b>Note:</b> Cross-listed with WGST 316.                       For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 311. American Presidency</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> An examination of the constitutional roots and historical development; concentrates on the current roles, strengths, and problems of the presidency.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 317. American Congress</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> An analysis of external and internal forces, institutional organization and processes, constitutional provisions, pressure group activities, and other factors which interact to determine the role of the Congress in the making of public policy.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>POLS 318. Religion and United States Politics - D1, SB</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Study of the impact of religion on politics in the United States. Includes analysis of religion in political development, constitutional law, elections, and policy lobbying.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 324. Women in American Politics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Summer Only  <b>Description:</b> A study of women's involvement in American politics as active political party members, as candidates for national, state, and local offices, as elected officials, and as appointees to government positions at all levels.  <b>Note:</b> Cross-listed with WGST 355.</p>
<p><b>POLS 319. Media and Politics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> An examination from normative, empirical and legal perspectives, of the influence of the news media on American politics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>POLS 325. Public Administration</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Introduction to basic issues and concepts in public administration, bureaucratic politics, public-sector management, and decision-making strategies.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 320. Civil Rights and the Law II</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> An examination of the legal and political aspects of Black civil rights from World War II to contemporary times.  <b>Note:</b> Cross-listed with PAS 363.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 326. Public Policy - SB</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> POLS 201, or POLS 299, or faculty consent.  <b>Description:</b> A study of American public policy processes and outcomes, focusing on the national level of government.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 321. Political Psychology and Public Opinion - SB</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> We explore the psychological, political, and social ingredients of public opinion in an effort to understand how people think about politics, what they think, and why public opinion matters.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 327. African-American Politics - D1, SB</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> The relationship between African Americans, race history and the American political system via political behavior research: political socialization, organization, mobilization, leadership, voting, political parties, coalitions and interest group strategies.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 322. American Political Parties and Elections - SB</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> The American party system, emphasizing the two-party system, minor parties, suffrage and voter behavior, party organizations, nominations, and elections.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>POLS 328. Information Technology and Politics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> What is the impact of information technology on politics? This course will examine how the Internet in general, social media, digital news and other information technologies fit into an already developed understanding of society and politics. This means that we will explore how new information technologies may challenge or support current theories in political science and communications. This exploration will involve looking at the impact of digital technology on some basic political processes such as news consumption and information gathering, bureaucratic functions, voting, public opinion, and campaigning among other things.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>POLS 323. Queer Politics</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> The course examines the political organization of gays, lesbians and transgendered persons, forms of oppression they experience, forms of political activism they utilize, and their relationship to mainstream political institutions.  <b>Note:</b> Cross-listed with WGST 323.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

- POLS 329. Sports and Politics** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course examines a variety of ways the amateur, collegiate, and professional sports collide with politics in the US and internationally. Topics include free speech, athletes as policy influencers and candidates, stadium funding models, federal regulation of professional and collegiate sports organizations, civil rights (including race, gender, age, and ability), and international sports and organizations, including the Olympics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 330. International Relations** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to the study of world affairs, with a focus on interstate politics; examines power politics, the role of ideology and globalism.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 331. The United Nations and International Organization - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This course examines the work of the United Nations and other international organizations, including non-governmental organizations. How have these organizations evolved and come to affect economic, political, and military affairs? Topics include peace-making, peace-keeping, and peace-building, including economic development.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 332. International Law - WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** This course focuses on the role that international law plays within the larger realm of international relations, asking where is law important, where is it less important, and why? We will consider an array of actual international law cases that have been settled by courts and arbitration tribunals, involving diplomacy, human rights, laws of war, laws of the seas, nationally and sovereignty, business and environmental disputes, and the extraction of criminal suspects.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 333. American Foreign Policy** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** Examines the process of making U.S. foreign policy, including actors and their interests, as well as major contemporary issues such as the use of force and trade policy.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 334. The Politics of Global Economic Relations** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Introduction to political aspects of international economic institutions and processes, international trade, foreign aid, theories of neo-colonialism and dependency. North-South and East-West problems and prospects.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 335. Global Environmental Politics** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Study of environmental and resource issues on the global level, focusing on the various implications of sustainable development.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 336. Politics of European Integration and Foreign Policy** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of the European Union's evolution, structures, decision-making, and policies in economic and political integration. Also examines the foreign and defense policies of members of the European Union and U.S./European relations.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 337. Law, Diplomacy and Power: The Foreign Relations of the U.S.** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** This course explores the evolution of U.S. foreign relations from the founding to the present-day, focusing on the interplay of legal, diplomatic, and power-driven motives and themes. It analyzes the records of prominent U.S. foreign policy makers, appraising their objectives and strategies, their errors and accomplishments, within changing international contexts.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 338. National and International Security: Issues and Policies** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** A survey of contemporary security policy issues, including both military and nonmilitary questions, such as deterrence, arms control, ecological destruction, nationalism, resource scarcity, etc.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 339. Terrorism** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** An examination of the phenomenon of nationalism and terrorism in international politics. Historical and contemporary examples used to illustrate the theoretical issues.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- POLS 340. Politics and Government of Western Europe** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An examination of the political structures, processes, and policies of the nation-states of Western Europe.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 341. Political Violence** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Description:** Course will consider various manifestations of sub-national political violence, including terrorism, insurgency, and civil war.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 345. Russia and Eurasia - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Political processes and policies in the former communist states of Euro-Asia. Emphasis on ethnic relations, economics, and institution-building.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 347. Democratization** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course examines the differences between democratic and non-democratic states, and discusses in comparative perspective the process by which states move from dictatorship to democracy. The role of economics and culture, and the impact of structures such as presidential and parliamentary forms of government on democratization are treated, as are explanations for occasional breakdown of democratic systems.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 349. Comparative Political Culture - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** POLS 202 or faculty consent.  
**Description:** Comparative approach to the political values, attitudes and belief systems of nations and sub-national units.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 350. African Government and Politics** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Cultural settings of Africa south of Sahara, decline of European dominance, national independence movements, self-governing states, and such problems as economic development, race relations, and relations with world power blocs.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 355. Introduction to Middle East Politics** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Survey of Middle Eastern political systems with emphasis on the process of development and modernization and its impact on the region.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 356. Political Islam** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Description:** Course will consider various political organizations that desire the greater influence of Islam on public life throughout the Muslim World.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 357. Religion and International Politics - SB, D2** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course exposes students to major trends in religion and contemporary international politics. The past quarter century has seen religion burst onto the political scene, in both violent and peaceful ways. Students will analyze various ways in which religion shapes international politics, and assess theoretical explanations of religion's political importance. As a survey of religion and global politics, the course draws on readings touching on a variety of regions and religions, arranged around five themes: religion and democracy, dictatorship, political violence, sustainable development, and US foreign policy.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 360. Global Politics Through Film** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course examines global politics through the medium of film, including both fictional and documentary texts. Class members consider the importance of film in the global public by focusing on key political actors, issues, narratives, and processes that constitute world politics. Topics include interstate war, internal conflict, terrorism, military intervention, nuclear deterrence, human rights, gendered power structures, and globalization.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 362. Comparative Political Economy** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** An examination of the institutional framework of economic performance and cultural dynamics of the United States, Japan, and Western Europe.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 363. Politics of Oil** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Oil in domestic and international politics of selected countries, oil as a catalyst for war, influence of oil companies on politics, political implications of recent shifts in world energy balance.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- POLS 364. World Order** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course will investigate central concepts and theories of international relations from a world-order perspective. It will examine disorder and efforts to create order through interactions and manipulation of power.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 365. The People's Republic of China - D2, SB, WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An analysis of political processes in China, with emphasis on participation and recruitment, socialization, ideology, education, and organization.  
**Note:** Cross-listed with AST 365.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 366. Politics of East Asia - SB, D2** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** A survey of East-Asian political systems with an emphasis on development, social and economic policies, political institutions, and cultures.  
**Note:** Cross-listed with AST 366.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 367. Politics and Government of Southeast Asia** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to the government and politics of Southeast Asia, revealing the historical context within which to locate the current security, political and economic challenges that the countries of the region face. Special focus will be given to the politics of Burma, Indonesia, Malaysia, the Philippines, Thailand and Singapore as well as the impact of an ascendant China.  
**Note:** Cross-listed with AST 367.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 370. Latin American Politics - SB, D2** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to Latin American politics proceeding from an overview of the region to detailed studies of specific countries and issues in regional politics. Emphasizes the process of nation building, the evolution of government and party systems, civil-military relations and political culture. Key questions include: What common political patterns exist across the region? Why do specific countries follow or deviate from those patterns?  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 371. Latin America in the World** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Survey of Latin America's role in the international system focusing on contemporary theoretical and institutional developments including OPEC, the OAS, the Andean Pact and institutions involved in North-South dialogue.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 381. Early Political Thought** 3 Units  
**Description:** A general survey of political thought, typology, and systems, from classical antiquity through the Middle Ages to the beginning of modern times.  
**Note:** Cross-listed with HIST 301.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 382. Modern Political Thought** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Main currents in modern political thought, including liberal, Marxist-Leninist, socialist, anarchist, and conservative thought. Topics such as equality, alienation, participation, political obligation, political order, and change.  
**Note:** Cross-listed with HIST 302.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 383. American Political Thought** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** General survey of American political thought from colonial times to the present. Examination of topics such as puritanism, federalism, utopianism, social Darwinism, and anarchist, socialist, and populist thought.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 384. Democracy and Its Critics - WR** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Problems in democratic theory, examination of the moral foundations of democracy; consideration of such issues as liberty and authority, equality, representation, majority rule, and participation.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 386. Political Theory and Utopia - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of selected literary utopias from the perspective of political theory. Analysis of socialist, anarchist, democratic and totalitarian elements.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- POLS 387. American Utopian Communities** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of selected "utopian" communities, past and present. Consideration of groups such as the Shakers, Rappites, Oneidans, Owenites and Fourierists as well as current intentional communities. Emphasis on communal values and practices, issues of equality, authority, conflict, participation and freedom.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 388. Contemporary Political Theory** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Survey of twentieth century political theory. Topics may include the crisis of reason; capitalism; technology and freedom; political values and globalization; terrorism and modernity; human rights.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 390. Contemporary Political Research** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** This class develops quantitative arguments and analyses in political science through the use of contemporary analytical and presentation techniques. This class emphasizes diverse data sources and statistical arguments.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 395. Political Leadership - WR** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Prerequisite(s):** POLS 201, or POLS 202, or POLS 299, and faculty consent.  
**Description:** Major concepts and theories of political leadership, including psychological, cultural and social factors; moral, transforming and transactional leadership types.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 399. Topics in Political Science** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Topics will vary depending on instructor and demand.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 401. Topics in American Politics - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An examination of one or more selected contemporary problems in American government, such as national-state relationships, civil rights, foreign policy, labor relations, and taxation policy.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Topics to be varied from year to year.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 402. Topics in Comparative Politics** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** A comparative study of governments of selected countries, stressing one or more subjects such as party systems, policy-making processes, administration, regulation of economics, and others to be determined each time course is offered.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 404. Topics in Political Theory** 3 Units  
**Term Typically Offered:** Spring Odd Years  
**Description:** An examination of one or more selected topics in the study of political theory.  
**Note:** Topics to be determined each time course is offered.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 405. Topics in Public Policy** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An examination of one or more selected topics in the study of public policy.  
**Note:** Topics to be determined each time course is offered.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 406. Topics in International Relations** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** An examination of one or more selected topics in world politics.  
**Note:** Topics to be determined each time course is offered.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 426. Environmental Policy** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Political dynamics and choices affecting American and international environmental policy.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- POLS 430. Political Science Internship I** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Consent of instructor.  
**Description:** Practical internship in government, nonprofit, or private sector.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 437. The United States and East Asia - WR 3 Units**

**Description:** A survey and analysis of U.S. relations with the states of East Asia with particular attention to political, economic and military affairs during the Cold War and after.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 450. Topics in World Affairs 1 Unit**

**Description:** Attend minimum of three lectures sponsored by department, read works by featured speakers and about topics, meet under faculty supervision to discuss readings.

**Note:** Students may enroll up to six times and count up to six credits toward major requirements.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 465. Chinese Culture 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Introduction to the politics and society of the People's Republic of China. Includes travel to the People's Republic of China.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 491. Independent Study - WR 1-3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.

**Description:** Opportunity for the student, under the supervision of a sponsoring faculty member, to pursue individualized study related to research or practice that is not included in regular courses in the curriculum.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 492. Independent Study 1-3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.

**Description:** Independent study in a selected subject area with approval and supervision by a faculty member.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 495. Senior Seminar - WR, CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Completed 90 hours, political science majors only.

**Description:** Will examine issues using material drawn from the subfields of political theory, comparative politics, and American politics.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 499. Senior Honors Thesis - WR 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Senior standing; admission to department Honors Program.

**Description:** An intensive examination of a topical area in political science undertaken with a designated faculty advisor.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 501. Topics in American Politics 3 Units**

**Description:** An advanced examination of one or more selected contemporary problems in American government, such as national-state relationships, civil rights, foreign policy, labor relations, and taxation policy.

**Note:** Topics to be varied from year to year.

**Note:** Individual research projects and reports will be required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 502. Topics in Comparative Politics 3 Units**

**Description:** A comparative study of governments of selected countries, stressing one or more subjects such as party systems, policy-making processes, administration, regulation of economics, and others to be determined each time course is offered.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 504. Topics in Political Theory - WR 3 Units**

**Prerequisite(s):** Senior standing or faculty consent.

**Description:** An examination of one or more selected topics in the study of political philosophy. Individual research projects and reports are required.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 505. Topics in Urban and Public Policy 3 Units**

**Description:** An interdisciplinary study of metropolitan problems, providing an opportunity to probe into basic long-range trends and human factors.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 506. Topics in International Relations 3 Units**

**Prerequisite(s):** Consent of instructor.

**Description:** An advanced focus on one or more selected topics in world politics. Research projects, reports and simulations will likely be required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 507. Topics in Digital Politics 3 Units**

**Description:** Investigation of the role of information technology in politics and policy-making with a focus on real-world applications. Topics may include political campaigns, interest group advocacy, and e-government.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 510. Louisville Metro Council Internship 1-3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Consent of instructor.

**Description:** Practical internship in government.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 511. Internship II 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Consent of instructor.

**Description:** Practical internship in government, nonprofit, or private sector.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 512. Frankfort Legislative Internship 3 Units**

**Description:** This course offers students the opportunity to experience working in the office of an elected member of Kentucky General Assembly. Interns work an average of 16 hours per week during the legislative session. Intern responsibilities may vary, depending on the intern's experience and interests as well as the needs of the office. The primary objectives of the intern program include: providing students the opportunity to gain first-hand experience working in government and politics, generating insight into the realities of the political process and how it relates to traditional theoretical perspectives of political science, and educating students about the possibilities of public service and politics as a career choice.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 520. Coping with Conflict 3 Units**

**Fee:** An additional \$60.00 is charged for this course.

**Description:** This active-learning course involves students negotiating and then analyzing realistic hypothetical cases related to local, national, and international issues found within the North American countries.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 530. International Negotiation 3 Units**

**Fee:** An additional \$60.00 is charged for this course.

**Description:** An examination of the politics of interstate bargaining. Various theoretical perspectives are examined as well as several real world examples. Students will participate in role-playing exercises.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 552. Politics through Film 2-3 Units**

**Description:** An examination of authority patterns, political change, using cinematic portrayals as the primary literature base for investigation.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 563. Women in Developing Countries - WR 3 Units**

**Description:** Follows the progress of the international women's movement by focusing on the emergence of women leaders and their work in developing countries since the First World Conference on Women, 1975 to the present.

**Note:** Cross-listed with WGST 558.

**Note:** Approved for the Arts and Sciences upper-level requirement in Written Communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**POLS 568. Feminist Theory - WR** **3 Units**

**Description:** Survey of the history and scope of the feminist tradition with emphasis upon liberal, radical, Marxist, socialist, psychoanalytic, and postmodern approaches to feminist theory.

**Note:** Cross-listed with WGST 556.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both WGST 556/POLS 568 and WGST 656/POLS 668.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Portuguese (PORT)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**PORT 101. Basic Portuguese I** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** For beginners. Development of the four language skills: understanding, speaking, reading and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 102. Basic Portuguese II** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PORT 101 or permission of instructor.

**Description:** For beginners. Development of the four language skills: understanding, speaking, reading and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 131. Accelerated Portuguese I** **6 Units**

**Term Typically Offered:** Fall, Spring

**Description:** For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 132. Accelerated Portuguese II** **6 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PORT 131 or permission of instructor.

**Description:** Continuation of PORT 131. A treatment of more advanced grammar topics and the continuation of work with the development of language fluency in listening, speaking, reading and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 175. Introduction to Portuguese Language** **3-6 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Participation in a language course taught in Portugal administered by Portugal Studies Program.

**Description:** Portuguese language at "inicial" level. Course taught in Portugal. Reading, writing, speaking, understanding skills.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 201. Intermediate Portuguese I** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PORT 102 or permission of instructor.

**Description:** Designed to strengthen language skills of speaking, understanding, reading and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 202. Intermediate Portuguese II** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PORT 201 or permission of instructor.

**Description:** Designed to strengthen language skills of speaking, understanding, reading and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 275. Elementary Portuguese** **3-6 Units**

**Prerequisite(s):** Participation in a language course taught in Portugal administered by Portugal Studies Program.

**Description:** Portuguese language at "elementary" level. Course taught in Portugal. Reading, writing, speaking, understanding skills.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 313. Special Topics in Luso-Brazilian Culture, Literature and Language** **3 Units**

**Prerequisite(s):** PORT 202, PORT 132, or permission of instructor.

**Description:** Critical readings and interpretation of works in Portuguese whose themes and issues have relevance to today's world. Topics may vary.

**Note:** May be repeated for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PORT 375. Advanced Intermediate Portuguese Language 3-6 Units**

**Prerequisite(s):** Participation in a language course taught in Portugal administered by Portugal Studies Program.

**Description:** Portuguese language at "intermediate" level. Course taught in Portugal. Reading, writing, speaking, understanding skills. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Psychology (PSYC)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**PSYC 201. Introduction to Psychology - SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to the methods and major content areas of psychology: sensation, perception, learning, cognition, human development, abnormal and social psychology.

**Note:** Students are required to participate in one or more standard experiments or to submit abstracts of published studies as part of PSYC 201.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 202. Orientation to the Psychology Major/Careers in Psychology 1 Unit**

**Term Typically Offered:** Occasionally Offered

**Description:** An orientation to 1) the psychology major and its requirements at UofL and 2) the field of psychology and its career options. Designed to enhance students' opportunities within this field through development of an action plan that guides their experiences while completing their degree at UofL.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 205. Making Sense of Data - QR 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Appropriate placement score or equivalent coursework.

**Description:** Students will learn about the nature of scientific inquiry, how to tell good science from bad science, how to think critically about using data to support or undermine persuasive messages, how to find and assess the quality of scientific reports to answer their questions, and how science—specifically studying human behavior—is meaningful in their everyday lives. The uses and misuses of descriptive statistics, the graphic representation of data, the role of bias, and the evaluation of behavioral science reports will be major topics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 301. Statistics for Psychology 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PSYC 201; Completion of QR requirement with grade of C or higher.

**Description:** Elementary statistical methods as applied in the social sciences: probability; distribution (theoretical and empirical), statistics and parameters; sampling; tests of hypotheses including ANOVA; regression and correlation; contingency.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 302. Research Methods for Psychology 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PSYC 201; Completion of QR requirement with grade of C or higher; PSYC 301 with grade of C or above.

**Description:** Introduction to scientific methods in psychology: formulation of hypotheses, design of experiments, execution of experiments, analysis of data, communication of results.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 305. Brain and Behavior 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 201.

**Description:** The course will focus on relationships between brain function and human behavior. It will introduce the structures, systems, and methods by which human behavior is reflected in neural activity. It will examine how nerve cells function individually and work together; the structure of the nervous system; how our sense organs provide the nervous system with information about the outside world; how the brain controls movement; and how sleep, eating, sex, stress, and social interaction are represented in the brain. We will also investigate how the nervous system is influenced by bioactive substances including natural hormones (e.g., during a response to stress), pharmacological therapeutics, and recreational drugs.

**Note:** Students who have previous credit for PSYC 344 cannot earn credit for this course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 306. Life Span Developmental Psychology 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 201.

**Description:** A review of human growth and development across the lifespan. This course examines physical, cognitive, and socioemotional development from conception through old age. This course is relevant for students in psychology, neuroscience, communicative disorders, education, nursing, and public health.

**Note:** Students cannot receive credit for this course and also PSYC 363 or PSYC 365.

**Note:** Previously taught as PSYC 363.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 307. Cognitive Processes 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PSYC 201.

**Description:** Survey of theory and research on cognition, i.e., thinking, concept attainment, memory, language, creativity, problem solving, and decision-making.

**Note:** Previously taught as PSYC 322.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 308. Abnormal Psychology 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** PSYC 201.

**Description:** An introduction to taxonomy, nature, causes, and treatments of maladjusted behavior.

**Note:** Previously taught as PSYC 385.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 310. Psychology of Diversity 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PSYC 201 or consent of instructor.

**Description:** Exploration of psychological processes as they relate to interactions between diverse individuals and groups. Pertinent psychological processes include perspective taking, belief updating, creativity, identity formation, stereotyping and prejudice. Diversity will be broadly construed to encompass many dimensions along which individuals and groups differ, such as race, gender, sexuality, religiosity, physical ability, mental health, conservatism/progressivism, collectivism/individualism and socioeconomic status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 312. Social Psychology 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 201 or consent of instructor.

**Description:** Major topics relevant to people as social beings; social learning and personality development, social influences in perception and cognition, interpersonal communication and influence, small group behavior, and mass behavior.

**Note:** Previously offered as PYSC 372.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 314. Reasoning and Decision-Making 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** PSYC 201.

**Description:** How do people make decisions that impact their lives and the world? This course is an introduction to reasoning and decision science, including psychological, economic, ethical and political perspectives on decision-making. Students will explore decision-making in everyday life, politics, the economy, medicine, sports and the environment, with an emphasis on sustainability issues and social outcomes. This is an active, collaborative learning course with group discussions and problem-solving, as well as brief lectures. This course is relevant to students interested in all social sciences, business management, behavioral economics, health care, sustainability, political science, public health and policy, and law.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 315. Personality 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 201 or consent of instructor.

**Description:** A review of major personality theories in terms of experimental and clinical findings.

**Note:** Students cannot earn credit for this course and PSYC 375.

**Note:** Previously offered as PSYC 375.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 320. Exercise Psychology 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PSYC 201.

**Description:** This course provides an introduction to a) psychological principles affecting exercise initiation and maintenance; and b) psychological outcomes of physical activity and exercise related to mental and physical health. It is an interdisciplinary course integrating Psychology and Exercise Science. It is relevant for students interested in medicine, wellness, education, sports and biology as well as psychology.

**Note:** Previously taught as PSYC 450.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PSYC 321. Conditioning, Learning and Behavior** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PSYC 201.  
**Description:** Psychologists define learning as a relatively permanent change in an organism's behavior due to experience. This course examines the basic processes of human and animal learning, focusing on classical and operant conditioning observational learning, and biological predispositions. This course address applications of the theoretical and empirical literature, including behavior change and analysis.  
**Note:** This course does not directly address issues of school teaching practice.  
**Note:** Students who have previously taken PSYC 321 cannot get credit for this course.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 325. Health Psychology** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PSYC 201.  
**Description:** Survey of the interconnected nature of biological, psychological and social aspects of health and an evidence-based way of thinking about these relationships. Course topics include historical and recent foundations of health psychology, stress and lifestyle and health, chronic and life-threatening diseases and treatment seeking and approaches. This course is relevant for students in psychology, pre-health professions, exercise science, public health, and other physical and mental health related disciplines.  
**Note:** Cannot earn credit for this course and also PSYC 481 or 581.  
**Note:** Cross-listed with PSYC 581.  
**Note:** Previously taught as PSYC 481.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 331. Sensation and Perception** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PSYC 201.  
**Description:** This course examines how we perceive our environment through visual, auditory, tactile, olfactory, and taste modalities, and how perception sculpts our experience of the world around us. The course emphasizes identifying the structures and discussing the processes underlying perception. Topics covered include psychophysics (the quantitative measurement of perceptual experience), the anatomical structure of the eye, ear, tongue, nose, and skin, structures and functions of the nervous system, abnormalities in perception as results of aging or injury, commonalities and differences across modalities, and our psychological experience of perception. This course is relevant for students in psychology, neuroscience, communicative disorders, anatomy, and otolaryngology.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 335. Vision and Art** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PSYC 201 or permission of instructor.  
**Description:** This course covers how humans see, illustrated in the context of visual art. Topics include light, neural processing, visual abilities and how those influence painters and the perception of paintings.  
**Note:** Previously taught as PSYC 432.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 342. Drugs and Behavior** 3 Units  
**Prerequisite(s):** PSYC 201 or consent of instructor.  
**Description:** Consideration of the physiological and psychological effects of drugs of social interest and the social impact of their abuse.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 344. Physiological Psychology** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** PSYC 201 or BIOL 240 or consent of instructor.  
**Description:** An introduction to the physiological and anatomical bases of behavior.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 355. Neuroscience** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PSYC 201, PSYC 305 or PSYC 344; or permission of instructor.  
**Description:** This course provides a deeper dive into the field of neuroscience as a follow-up course to PSYC 305, with more detailed study of the structure and function of the nervous system, covering topics such as neuroanatomy, neurophysiology, brain development and plasticity, hormonal systems, motor function, biorhythms, homeostatic systems, emotion and psychopathology. This course is relevant to students interested in biology, medicine, engineering, rehabilitation, philosophy and public health, as well as psychology and neuroscience.  
**Note:** Students cannot receive credit for this course and PSYC 443.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 366. Multicultural Psychology - WR** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Consent of instructor and approved major in either Psychology or Pan-African Studies with at least 90 hours of degree-applicable credit.  
**Description:** The influences of race, gender, class and sexual bias in American society and its impact on individual psychology as well as on economically and socially-marginalized groups.  
**Note:** Approved for the College of Arts and Sciences upper-level requirement in written communication (WR).
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 368. Infant and Child Development 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 201 and PSYC 306.

**Description:** Survey of theories and research about development from infancy through childhood. This course is relevant for students in psychology, neuroscience, communicative disorders, education, and public health.

**Note:** Students may not receive credit for both this course and also PSYC 365.

**Note:** Course previously PSYC 365 Child Development.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 378. Understanding Measurement and Testing in Psychology 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** PSYC 301.

**Description:** This class teaches students about the way tests and other measurement approaches are developed and evaluated, and provides a basic survey of how tests are used to assess important psychological constructs such as ability, personality, and psychopathology.

**Note:** Previously taught as PSYC 313.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 382. Cognitive Neuroscience 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** PSYC 201; PSYC 305 or PSYC 344; or instructor permission.

**Description:** Cognitive neuroscience combines tools and theories from cognitive science, neuropsychology, and computational modeling to understand the neural basis for functions like seeing, hearing, remembering, acting, and speaking. Upon completion of this course, students will be able to understand, evaluate, and communicate newsworthy findings from cognitive neuroscience research. This course is particularly relevant to students who plan to pursue health or science-related careers.

**Note:** Previously taught as PSYC 422.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 383. Forensic Psychology 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Areas of inquiry in which both psychological and legal aspects are important: insanity defenses, criminality, courtroom process, methods of deception, detection.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 388. Principles of Clinical Psychology 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** PSYC 201; PSYC 308 or PSYC 385; or permission of instructor.

**Description:** Examines the history, theoretical foundations, and methods of clinical psychology. Emphasis on areas of clinical practice, along with understanding how basic research methods are employed to explore clinical questions and support clinical practice.

**Note:** Cannot earn credit for this course and also PSYC 482 or PSYC 582.

**Note:** Previously taught as PSYC 482.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 400. Psychology Research and Public Communication - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approved psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.

**Description:** This course will focus on issues surrounding the interpretation and dissemination of psychological concepts and findings. Topics will include the critical analysis of "psychological myths" and how to write and speak about psychology for general audiences. Case studies and in-class activities will be used to illustrate the benefits and challenges of accurately portraying psychological research to the public. The content of the seminar projects will come from each student's research experience in PSYC 491.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 404. Seminar in Psychology 1-4 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Consent of instructor.

**Description:** Topics which are timely or of interest to specialized groups. Credit varies, as listed each semester in the Schedule of Courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 407. Community Internships in Psychology - CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 201, PSYC 301 and PSYC 302; or consent of instructor; 2.75 overall GPA.

**Description:** On-site formal training and community-based research and/or service with select non-profit agencies. Sites are chosen based on special topics/social issues and programs in applied developmental psychology.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 408. International Service Learning and Research - CUE 6 Units**

**Term Typically Offered:** Spring, Summer

**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302, and PSYC 404 (spring term prior to departure).

**Description:** Off-campus international travel and field research/service learning project, which serves as a culminating undergraduate experience, while infusing critical thinking skills and fostering a meaningful community engagement experience. This course is intended to expose students to psychological theories and empirical research while working directly with a faculty member's research project. Application and program fee required.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 409. Community Internship in Psychology II 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** PSYC 407 or consent of instructor; minimum 2.75 overall GPA.

**Description:** On-site formal training and community-based research and/or service with select non-profit agencies. Sites are chosen based on special topics/social issues and programs in applied developmental psychology. This section is for students who have completed one section of PSYC 407.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 410. Giving Psychology Away: Critical Thinking and Public Communication - CUE 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302 and consent of instructor.

**Description:** Discussion of issues surrounding the dissemination of psychological concepts and findings. Participation in public presentation is required.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 412. Modifying Behavior - CUE 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; PSYC 321; approved Psychology major; 90 hours total, including at least 24 hours in Psychology, or permission of instructor.

**Description:** This course will require mastery of behavior modification theory and techniques, and their application to the real world problems. Because behavior modification requires the systemic application of learning principles and basic research methodology skills, the course will require students to synthesize and apply information/concepts from previous psychology courses.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 414. Seminar in Psychology - WR 2-4 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Consent of instructor.

**Description:** Topics which are timely or of interest to specialized groups. Credit varies, as listed each semester in the Schedule of Courses.

**Note:** Approved for the Arts and Sciences Upper-Level Requirement in written communication-WR.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 415. Family Risk, Resilience and Mindfulness - CUE, WR 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.**Description:** The three units of the semester are as follows: 1) Risk Factors, 2) Resilience, and 3) Mindfulness, and each major topic will be addressed for parents, children and the family unit. We will discuss the current scientific literature on such risk factors as poverty, divorce and single parenting, homelessness, mental and physical health issues, nutrition, family and neighborhood violence, and trauma (to include trauma-informed care). The current evidence base on the science of resilience (what is it, how it's demonstrated and how to promote it), and the practice and benefits of mindfulness for parents/children will complete the semester.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 417. Child Psychopathology - WR, CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302 and PSYC 308 (formerly PSYC 385); approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.**Description:** Review of common childhood/adolescent psychological disorders, with discussion of theory and developmental issues in child psychopathology and assessment, diagnosis, and treatment. Topics may include attention deficit disorder, autism, mood disorders and family dysfunction. This course is relevant for students in social sciences, neuroscience, communicative disorder, nursing, counseling, social work, premed, and public health.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 420. History of Psychology: A Socio-Cultural Perspective - CUE, WR 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approval Psychology major; 90 earned hours total, including at least 24 credit hours in Psychology; or permission of instructor.**Description:** This course is designed as an overview and synthesis of the history of psychology and how this historical background has led to the development of the systems and issues of contemporary psychology. We will explore how the major historical roots and theoretical contributions led to the development of psychology as a scientific discipline. Emphasis will be on how current psychological perspectives have evolved to be more inclusive to women and minorities and the sociocultural context of this evolution.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 425. Human Expertise and Achievement - CUE 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.**Description:** This course explores human expertise, achievement, and success as they are discussed in the field of psychology. Social, environmental, cognitive, and behavioral influences will be explored. Topics will include recent theories of expertise, Dweck's theory of growth mindset, Sternberg's Theory of successful intelligence, Mischel's work on self-control, Gladwell's exploration of mentoring environments, recent studies of cultural effects on intelligence (the Flynn effect), and Duckworth's theory of "grit", among several others. The course will aim at a discussion format and is intended for relatively small groups in which discussion can be especially productive. Attendance is required.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 430. Psychology of Peace & Ethnic Relations - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.

**Description:** This course is intended to expose students to the theories, research, and psychosocial elements of peacebuilding as they relate to interethnic relations around the world. Empirical readings and discussion will focus on race, ethnicity, identity formation, intergroup contact, spectrum of intergroup relations (e.g., expulsion, genocide, segregation, fusion, assimilation, and pluralism), restorative practices, and peacebuilding in a multicultural world.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 433. Music Perception and Cognition - CUE 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** PSYC 301, PSYC 302, PSYC 331; approved Psychology major; 90 earned hours total, including 24 hours in Psychology; or permission of instructor.

**Description:** This course provides an overview of the perceptual, cognitive, emotional, and neural bases of listening to music. Why does music have such strong ties to emotion? What are the parallels between music and language? What are the neuroscientific underpinnings of music perception and cognition? What does musical training do to your brain, and what other talents or skills do you acquire through musical training? This course is designed for majors in the Department of Psychological and Brain Sciences, and does not require any coursework or other background in music.

**Note:** Students may not receive credit for both PSYC 433 and MUTH 301.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 435. Seminar in Infancy - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** PSYC 301 and PSYC 302 and PSYC 306 (previously 363) or PSYC 368 (previously 365); or permission of instructor.

**Description:** This course will cover concepts, empirical research, and issues related to infants' cognitive, perceptual, social, emotional, linguistic and/or physical development.

**Note:** Specific topics may vary.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 440. Aging: Science and Stories - CUE, WR 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.

**Description:** The purpose of this course is to help students understand aging through scientific research and the lived experiences of individuals, and to better understand how these perspectives might differ from one another. Students will become familiar with current aging issues (e.g., cognitive aging, social and emotional aging, mental health, and Alzheimer's disease), research methods, theories and perspectives on aging and its diversity. Students will learn how to conduct life reviews with older people and integrate these stories with scientific perspective on aging. The course requires student reflection and critical thinking about (1) how scientific evidence fits with and differs from the subjective experiences of older people and (2) how this relates to their personal aging and life story.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PSYC 442. Psych of Trauma - WR, CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302, and PSYC 305 (previously PSYC 344) or PSYC 308 (previously 385); approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.  
**Description:** Introduction to traumatic stress research. Topics will include psychological theories of stress and trauma, the biology of stress and trauma, and risk factors for developing psychological problems subsequent to experiencing trauma.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 444. Exploration of Self: Theory and Research - WR, CUE** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302, and PSYC 315 (formerly PSYC 375); approved Psychology major; 90 earned hours total, including at least 24 hours in Psychology; or permission of instructor.  
**Description:** We are all subject to distortions in our understanding of ourselves due to cognitive biases and conscious and unconscious processes. This class will draw knowledge gained in prior psychology courses to study theories of self focusing on how we collect information about conscious and unconscious selves, hands-on generation of personality data, and the use of these self-generated data to compare competing theories of self. The course will require understanding and using the empirical tools of psychological science and the ability to defend and critique multiple points of view.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 445. Special Topics in Neuroscience - WR** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PSYC 201; PSYC 305 or PSYC 344; and PSYC 355 or PSYC 443; or permission of instructor.  
**Description:** A seminar course providing in-depth treatment of an area of current interest in the discipline of neuroscience. Students will read, discuss and write reflections on original published works in the field.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Note:** Previously taught as PSYC 443.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 451. Introduction to Computer Programming for Psychology** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PSYC 301.  
**Description:** Introduction to the use of the MATLAB programming language in psychology. No prior knowledge of programming languages is assumed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 466. Psychology of Women** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PSYC 201.  
**Description:** Analysis of scientific research and theory related to the psychology of women. Multiple theoretical perspectives will be considered (e.g., psychodynamic, social learning, cognitive, evolutionary, developmental, etc.) and specific topics evaluated will include: identity development, achievement, motherhood, work, family, aging, and menopause, etc. Ethnicity, culture, and social class will be considered in the context of specific topics.  
**Note:** Cross-listed with WGST 411.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 471. Special Topics in Psychology** 3 Units  
**Prerequisite(s):** PSYC 201 and permission of instructor.  
**Description:** Survey and analysis of current theory, research and application in a specialized topic of current interest.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 490. Independent Study** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** PSYC 201 and consent of instructor.  
**Description:** Independent study in a selected subject area with approval and supervision by a faculty member.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PSYC 491. Undergraduate Psychology Research** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** PSYC 201 and consent of instructor.  
**Description:** Designing of experiments, collection of data, and statistical treatment.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 492. Undergraduate Psychology Research - CUE 3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** PSYC 201, PSYC 301, PSYC 302; approved Psychology major; 85 earned hours total, including at least 24 hours in Psychology; or permission of instructor.**Description:** An independent study class involving research on a focused topic in Psychology. Students register for individual sections of PSYC 492 after contacting a faculty mentor and arriving at an agreed-upon course of work for the semester. Each psychology research experience is unique to the particular student and faculty research lab in which it occurs.**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 493. Undergraduate Psychology Research II 1-3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** PSYC 491 and consent of instructor.**Description:** Designing of experiments, collection of data, and statistical treatment. This section is for students who have completed one semester of PSYC 491.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 494. Undergraduate Psychology Research III 1-3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** PSYC 491; PSYC 492 or PSYC 493; and permission of instructor.**Description:** Designing of experiments, collection of data, and statistical treatment. This section is for students who have completed one semester of PSYC 491 and one semester of PSYC 492 or PSYC 493.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 495. Honors Psychology Research 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Acceptance into Psychology Honors Program.**Description:** Designing of experiments, collection of data, statistical analysis, and report writing in support of the honors thesis.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 496. Honors Psychology Thesis - CUE, WR 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** PSYC 491 or PSYC 495; admission to Psychology Honors, permission of instructor.**Description:****Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 497. Undergraduate Psychology Research IV 1-3 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** PSYC 494 and consent of instructor.**Description:** Designing of experiments, collection of data, and statistical treatment. This section is for students who have completed PSYC 494.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 516. Introductory Mathematical Psychology 3 Units****Prerequisite(s):** PSYC 201.**Description:** Survey of basic applications of probability and mathematics to models and theories in learning, perception, and social psychology.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 524. Psycholinguistics 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** PSYC 307 or ENGL 325 or LING 325 or LING 518.**Description:** Psychological aspects of language and their significance for analysis and understanding of cognitive and social processes.**Note:** Cross-listed with LING 524.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 544. Animal Behavior and Behavioral Ecology 3 Units****Prerequisite(s):** PSYC 201 or consent of instructor.**Description:** Survey of sensory and behavioral characteristics of animal species, with stress upon ecological variables.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PSYC 566. Race and Gender in Psychological Research 3 Units****Description:** Critical review of psychology with respect to issues of race and gender. Examines theory and research paradigms, modern, postmodern and Afrocentric methodologies.**Note:** Cross-listed with PAS 566.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 571. Special Topics in Psychology** 3-4 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Consent of instructor.  
**Description:** Survey and analysis of current theory, research and application in a specialized topic of current interest.  
**Note:** Undergraduate, Psychology Honors, or graduate credit available with consent of instructor.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 581. Introduction to Health Psychology** 3 Units  
**Prerequisite(s):** PSYC 201 or consent of instructor.  
**Description:** Survey of theory and research on psychological factors which contribute to health and well-being, and to the occurrence, severity, and remediation of illness and disease.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PSYC 582. Introduction to Clinical Psychology** 3 Units  
**Prerequisite(s):** Junior, Senior, or master's-level student with 9 or more credit hours in Psychology beyond PSYC 201.  
**Description:** Examines the history, theoretical foundations, and methods of clinical psychology. Emphasis on areas of clinical practice, along with understanding how basic research methods are employed to explore clinical questions and support clinical practice.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Administration (PADM)

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500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**PADM 500. Economics for Public Affairs** 3 Units  
**Description:** An introduction to basic economic concepts and their application to public affairs and urban planning.  
**Note:** Cross-listed with PLAN 500.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PADM 507. Planning Theory & History** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course will introduce the historic foundation of modern urban planning, and investigate the central themes in planning theory, using both historical and contemporary contexts to assist in the understanding of its role in shaping planning thought and practice.  
**Note:** Cross-listed with PLAN 511, PLAN 601, PADM 607, UPA 684.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Health, Epidemiology (PHEP)

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500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

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**PHEP 200. Disease Detectives** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course covers the history of epidemics, the evolution of epidemiology, the role of public health, and concepts of disease transmission and surveillance. When an epidemic occurs within a population, public health professionals rely upon epidemiology to identify potential causes. The epidemiological approach provides public health professionals a set of tools to objectively investigate disease with regard to population, place and time. While these methods continue to evolve, epidemiology has played a constant role in improving public health for more than a century. This course will show students how the epidemiological approach has been applied to address both historical and current epidemics of infectious and chronic diseases.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHEP 300. Epidemics, Pandemics and Syndemics** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course provides an overview of the definition, measurement and prediction of epidemic and pandemic events. It is not generally well recognized that these terms, and the methods used to describe their course, can be applied to slow-moving noncommunicable diseases, such as obesity, heart disease and cancer, as well as outbreaks of drug abuse, violence, or mass hysteria, in addition to acute infectious diseases such as COVID-19. The course will examine the dynamics of these outbreaks. Why do they start, what makes them take off, and why do they decline? In addition, the concept of the "syndemic", or the confluence and synergism in time and space of two or more outbreaks, will be examined.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHEP 305. Psychiatric Epidemiology** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course will provide students with an understanding of how psychiatric disorders are addressed in the United States. It will focus on current research and theories surrounding the operationalization, prevention, and treatment of psychiatric disorders from a developmental perspective. Students will also learn about public health and community-based approaches to addressing psychiatric disorders. Additional topics include mental health services and policy over the last century.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHEP 310. Environmental Epidemiology** 1 Unit  
**Term Typically Offered:** Spring Only  
**Corequisite(s):** PHEP 341.  
**Description:** This course explores epidemiologic concepts and methods related to environmental health. It is intended as a companion course to be taken concurrently with PHEP 441. Concepts introduced in the PHEP 441 course will be expanded upon using examples relevant to environmental health. In addition, topics unique to environmental epidemiology will be covered.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHEP 311. Environment and Cancer Epidemiology** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** The environment in which you live, work, play and age can influence risk of developing cancer. This course is designed to introduce students to Cancer Epidemiology (the study of the distribution and determinants of cancer in populations) and Environmental Cancer Risk Factors (everything outside the body that interacts with human populations and may predispose specific populations to cancer). Students will learn what cancer is, how it develops, the burden of cancer in populations, and about epidemiologic measures and basic epidemiologic study designs.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHEP 320. Climate Change, Environmental Degradation and the Epidemiology of Global Health** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course will review evidence for climate change and environmental disruption, and evaluate their potential impact on the future of global public health and the policies and actions we must enact to mitigate their effects. Scientific evidence suggests that climate change is occurring and is having widespread impacts on weather, including increases in both drought and hurricane frequency, and rising sea levels. Environmental degradation is accelerating also due to deforestation, agriculture, mining, and the growth of megacities. Taken together these changes may disrupt the balance of ecosystems across the world, increasing risk for multiple adverse health outcomes, including future zoonotic pandemics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHEP 325. Introduction to Maternal and Child Health** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Maternal and Child Health (MCH) is the professional and academic field that focuses on the determinants, mechanisms and systems that promote and maintain the health, safety, well-being, and appropriate development of children and their families in diverse communities, with the goals of improving global health in all settings. Students will examine and address causes of maternal and infant death, malnutrition, and disease with population-scale preventive health, health policies and programs, immunization, and early childhood education programs. This course introduces MCH, including history, programs and policies, research, and global challenges, blending weekly lectures with global case studies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHEP 341. Epidemiological Concepts and Methods for Public Health** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PHST 301 or MATH 109 and enrolled in the School of Public Health and Information Sciences.  
**Description:** The course explores fundamental epidemiologic concepts and methods used to examine the distribution and determinants of health and disease in and between populations.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHEP 446. Applied Data Analysis for Epidemiology 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** At least a B in PHEP 341, or permission of instructor.**Description:** This course will introduce students to epidemiologic methods for data analysis. Data from three types of epidemiologic study designs will be explored and analyzed. Epidemiologic hypotheses will be tested using simple analysis, stratified analysis, and multivariable modeling. The student will draw a causal diagram to illustrate causal pathways. Confounding, interaction and mediation will be reviewed and assessed as part of the analytic process. The student will become proficient in R statistical software over the course of the semester.

The student will also do human subjects research training and gain certification. By the end of the course, the student should have the skills and tools necessary to conduct an independent epidemiologic res

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEP 501. Introduction to Epidemiology 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Enrollment in the School of Public Health and Information Sciences.**Description:** Basic epidemiological methods are presented: terminology; study design; issues of contemporary practice; basic skills for interacting with epidemiologists, reading disease control literature, and drawing on epidemiological concepts.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Health, Biostatistics (PHST)

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### Course Fees

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**PHST 200. Reasoning with Data in Daily Life - QR 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** Appropriate ACT Math placement score or successful completion of GEN 103 or equivalent coursework.**Description:** This course seeks to develop in students a competency in problem-solving and analysis, which will be necessary for them to succeed in college and throughout their lives and career.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHST 301. Quantitative Methods in Public Health 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** PHST 200, or MATH 109, or MATH 111, and enrolled in the School of Public Health and Information Sciences.**Description:** The course is an introduction to the concepts and theory behind quantitative analysis methods used in public health. The content focuses on how and why different statistical methods are used with minimal emphasis on statistical calculations. The skills of critical thinking, communication, and teamwork are promoted and cultivated throughout this course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHST 302. Intermediate Statistical Analysis 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** PHST 301, or equivalent introductory statistics course including MATH 109, SOC 301, PSYC 301, PAS 408 etc.**Description:** This course is an intermediate level applied statistics course covering key aspects of data exploration, visualization, and traditional topics in statistical inference, this course will utilize the statistical package SPSS, with a focus on understanding how to use and interpret SPSS output. This course is intended to give students familiarity with statistical tools used to analyze data in a variety of disciplines - including economics, marketing, management, education, sociology, psychology, neuroscience, biology, mathematics, physics, environmental science, engineering, computer science, finance, health services administration, and public health - to be better prepared to pose relevant statistical questions, apply appropriate statistical techniques, and effectively interpret and communicate results.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHST 310. Applied Statistical Regression Models 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** PHST 302.**Description:** This is the first course of statistical regression models in public health practice. The covered topics are: normal distribution, t-distribution, hypothesis testing, inference for two or more population means, one-way and two-way analysis of variance (ANOVA), linear regression with one or more independent variables, inferential and diagnostic methods in regression and correlation, multiple regression analysis; model building in regression; factorial experiments, and design of experiments. When relevant, examples related to population health issues are utilized.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHST 315. Sports Statistics** 3 Units  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** PHST 301 or equivalent (MATH 109, SOC 301, PYSC 301, and PAS 408) and MATH 111.  
**Description:** Sabermetrics and "moneyball" have highlighted the use of statistics and mathematics in making sports decisions. In this course, we will consider how to use statistical tools to approach a variety of questions in traditional sports including baseball, football, and basketball. We will use methods from statistics such as probability, correlation, regression, and expected values to make predictions and compare game strategies. We will discuss the mathematics of several common approaches for evaluating players and teams.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 421. Statistical Computing in R** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHST 302.  
**Description:** This course introduces students to the software R for statistical analysis. The R language provides a rich environment for statistical modeling and computing. The course emphasis is on practical issues in statistical computing which includes the basic syntax of R, programming in R, inputting and outputting (I/O) data in R, writing R functions, debugging, profiling R code, generating R packages, and running basic statistical analysis with R.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 431. The Principles of Statistical Learning** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHST 301, or equivalent (MATH 109, SOC 301, PSYC 301, and PAS 408).  
**Description:** This introductory course gives an overview of many concepts, techniques, and algorithms in Statistical learning, including the topics related to regression, classification, dimension reduction. The course will give the student the basic ideas and intuition behind modern statistical learning methods as well as a bit more formal understanding of how, why, and when they work. The underlying theme in the course is statistical inference as it provides the foundation for most of the methods covered.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 440. Statistical Study Design and Research Methods** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PHST 302.  
**Description:** This course introduces multiple designs of studies that are commonly used in various disciplines, such as the clinical trials in pharmaceutical studies, the case-control study and cohort study in observational research methods. The research methods associated with those designs will also be discussed. In addition, this course will review some of the fundamental concepts and basic methods in survival analysis.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 500. Introduction to Biostatistics for Health Sciences I** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Enrolled as a student in the PH MPH, MSc or Certificate in Clinical Investigation Sciences program.  
**Description:** An introduction to descriptive and inferential statistical methods, including descriptive and graphical methods, estimation, calculation of confidence intervals, and 1- and 2-sample hypothesis testing, one-way analysis of variance (ANOVA), and simple linear regression. The R statistical software environment will be used to introduce data management and descriptive and inferential statistical methods.  
**Note:** Students interested in this course that do not meet the stated prerequisites should contact the department of Bioinformatics and Biostatistics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 501. Introduction to Biostatistics for Health Sciences II** 3 Units  
**Prerequisite(s):** PHST 500.  
**Description:** This course is a continued graduate level introduction to inferential statistical methods, covering multi-way analysis of variance, multiple regression, the chi-square analysis of frequencies and logistic regression, survival analysis, and nonparametric statistical methods. A statistical software package will be used to execute the descriptive, graphical, and inferential statistical techniques on real data sets.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 520. Statistical Computing and Data Management with SAS** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHST 301, or equivalent (MATH 109, SOC 301, PSYC 301, PAS 408).  
**Description:** This course will introduce students to the fundamental of data management and analysis using SAS. It will give an overview of the SAS system under MS Windows and provide a fundamental grounding in the data step and Base SAS procedure. We will cover elementary statistical analyses such as measures of location and spread, correlation, detection of outliers, graphical displays, comparison of groups, as well as additional specialized studies.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHST 561. Mathematical Tools I** 1 Unit  
**Term Typically Offered:** Summer Only  
**Prerequisite(s):** Conditional or full admission to the MS or Certificate in Biostatistics programs.  
**Description:** This course covers mathematical tools required for sound comprehension of mathematical probability and statistics concepts included in methodological portions of coursework in the MS in Biostatistics degree. Course topics include: (1) functions and graphs with particular focus on polynomials and roots, rational functions, and exponential and logarithmic functions, and (2) limits and continuity of functions.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHST 562. Mathematical Tools II**

1 Unit

**Term Typically Offered:** Summer Only

**Prerequisite(s):** Conditional or full admission to the MS or Certificate in Biostatistics programs.

**Description:** This course covers mathematical tools required for sound comprehension of mathematical probability and statistics concepts included in methodological portions of coursework in the MS in Biostatistics degree. Course topics include: (1) first and higher order differentiation of single variable functions and techniques for differentiation, (2) applications of differentiation including identification of minima, maxima, and inflection points, (3) antiderivatives, the definite integral, and the Fundamental Theorem of Calculus, (4) techniques of integration including substitution, integration by parts, etc.; using integrals to compute areas, and (5) sequences and series, convergence of each, partial and infinite sums, geometric series, Taylor series.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHST 563. Mathematical Tools III**

1 Unit

**Term Typically Offered:** Summer Only

**Prerequisite(s):** Conditional or full admission to the MS or Certificate in Biostatistics programs.

**Description:** This course covers mathematical tools required for sound comprehension of mathematical probability and statistics concepts included in methodological portions of coursework in the MS in Biostatistics degree. Course topics include: (1) multivariable functions, limits, and continuity, (2) partial differentiation and its applications, and (3) multiple integration and its applications.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHST 564. Mathematical Tools IV**

1 Unit

**Term Typically Offered:** Summer Only

**Prerequisite(s):** Conditional or full admission to the MS or Certificate in Biostatistics programs.

**Description:** This course covers mathematical tools required for sound comprehension of mathematical probability and statistics concepts included in methodological portions of coursework in the MS Biostatistics degree. Course topics include (1) vector/matrix algebra and operations, (2) solving systems of linear equations, (3) vector spaces, linear independence, rank, and basis, (4) eigenvalues and eigenvectors, (5) orthogonal vectors and projections, (6) quadratic forms.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Health - Health Promotion & Behavioral Science (PHPB)

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## Course Fees

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**PHPB 300. Social and Behavioral Foundations of Public Health** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Must be a Public Health major or a Public Health minor.

**Description:** This course examines social, cultural, and behavioral factors and the relationships among them as they impact health and well-being. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHPB 301. Health Equity - SB, D1**

3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Health equity is a goal of public health as seen in Healthy People 2020. Race or ethnicity, gender, sexual identity, age, disability, socio-economic status, and geographic location (or some combinations of these factors) contribute to an individual's ability to achieve good health. Understanding health disparities involves a critical analysis of circumstances that produce differences in health outcomes among groups.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHPB 305. Public Health Education Principles and Strategies** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Must be a Public Health major.

**Description:** Upon completing this course, students will have introductory knowledge and skills that characterize the work of public health educators. The course provides an overview of a wide range of practice issues encountered in the routine work of health educators.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHPB 310. Power, Oppression & Liberation in Social Systems** 3 Units

**Term Typically Offered:** Fall Only

**Description:** This course will provide students a foundation in understanding major theories of power, economics, oppression, and liberation that undergird social justice issues globally. The course will trace how these theories have influenced the development of societal structures and link those structures to contemporary understandings of social ecology, contexts, and relations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHPB 311. Policy and Systems of Power** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** This course will deconstruct societal organization into systems of power that use policy and practice to enact special interests. The intent of the course is for students to understand the broader systems at work in creating and perpetuating distinct and interrelated health equity and social justice issues. Through a socio-ecological lens, students will learn how arts & culture, economics, education, food, health, housing, justice, environmental, and political systems can be harnessed to address health equity and social justice issues.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 312. Social Justice Practice in Public Health** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course provides an applied perspective to social justice in public health, exploring how a social justice framework influences public health issue definition and prioritization, resource allocation, interventions and practical approaches, as well as evaluation. Students will be introduced to a variety of jobs and roles that influence health equity across multiple sectors.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 313. Strategies for Social Action** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course will focus specifically on theories, processes, models, and examples of social action for social change and how those are applied to a variety of issues. Students will engage in critical praxis and apply these in developing a strategy for social action around a selected health equity-related issue.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 321. Social Justice Youth Development** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** This course provides an overview of how youth and young adults shift and transform their communities through social and political activism to address the social and structural determinants of health. The course specifically explores theoretical perspectives and the historical and contemporary events related to youth's engagement in social justice and activism. Presented through the lens of the social justice youth development framework, the first half of the course is dedicated to understanding historical events and theoretical perspectives and underpinnings of youth's engagement in social justice and activism. The second half of the course will focus on contemporary youth-centered and youth-led social justice movements.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 322. Climate Change, Social Justice, and Healthy Equity** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** In this course students will learn about climate change and how it disproportionately and adversely affects certain communities globally and in the U.S. Students will work on a community-engaged learning activity, and through this, learn about how specific policies affect the environment and climate change, with a particular focus on indigenous populations. They will apply a social justice lens to policies related to climate change and environmental justice, and observe strategies public health professionals and activists employ to advocate for equitable policy change.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 401. Public Health Communication Theory and Practice** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Must be a Public Health major and have completed PHPB 300 or PHPB 501.  
**Description:** Thoughtful, evidence-based communication is necessary to respond to public health challenges. Effective communication in health campaigns can inform, empower, or persuade individuals and communities to adopt healthier lifestyles as well as foster public debate and policy change. Ineffective communication can hamper public health efforts and contribute to the chaos of a disaster, emergency, crisis, or disease outbreak. In this course, students explore communication theory and learn to use public health communication methods.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 410. Community Mobilization & Organization 1** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** PHPB 312 and PHPB 313 completed or concurrent.  
**Description:** This is the first of a two-course sequence intended to build students' practical organizing skills. The course examines the history of community organizing in the U.S., explores grassroots organizing theories and approaches, and supports students in their development of organizing skills to launch an advocacy campaign or participate in an established advocacy campaign. The course will allow students to engage with community organizers in Louisville to learn the strategies and tactics they employ to organize and mobilize communities on a range of local issues.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPB 411. Community Mobilization & Organization 2** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PHPB 410.  
**Description:** This is the second of a two-course sequence intended to build students' practical organizing skills. Students will participate in an active learning experience on campus or with a local community organization to practice skills such as strategic analysis of a social problem, engage with communities, mobilize resources, and participate in thoughtful advocacy.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHPB 501. Introduction to Public Health Behavior 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Enrollment in the School of Public Health and Information Sciences.**Description:** This course reviews theoretical constructs of the causation of health-related behavior, including preventive, early diagnosis, treatment and rehabilitative behavior.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Health, Environmental Health (PHEH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**PHEH 101. Nutrition 4 You - S 3 Units****Term Typically Offered:** Fall, Spring**Description:** The intersection of personal nutrition and health will be explored within the context of nutritional sciences. The major nutrients including protein, fat, carbohydrates, minerals, and vitamins will be introduced. The import of nutrition within society will be discussed with a focus on applying nutrition principles to maintain a healthy diet and limiting risk of chronic diseases as well as evaluating the influence of advertising on food choice.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 301. Public Health and Our Environment 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** BIOL 102 (or higher) or CHEM 101 (or higher) and enrolled in the School of Public Health and Information Sciences.**Description:** This course delineates the impact of the environment on human health through consideration of physical, chemical, and biological factors. Topics include physical, chemical, and biological agents of environmental contamination; vectors for dissemination (air, water, soil); solid and hazardous waste; susceptible populations; governmental organizations that address risks, the scientific basis for policy decisions; and emerging global environmental health problems.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 305. Environmental Toxicology 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** PHEH 301 or CHEM 101 (or equivalent chemistry course) and enrolled in the School of Public Health and Information Sciences.**Description:** This course will cover basic foundations of toxicology with emphasis on how environmental toxicants affect human health. Topics include principles of toxicology, survey of toxicants and their effects, organ-specific toxicity, regulatory toxicology, and development of critical thinking skills to assess health risks.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 315. Environmental Health and Public Health Practices 2 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** PHEH 301 and enrolled in the School of Public Health and Information Sciences.**Description:** This course will cover the practice of public health as related to areas typically falling under the umbrella of environmental health, including assessment of environmental hazards in air and water, food safety, swimming pool safety, vector control, and emergency preparations. Details of environmental health practice will be presented in the context of regulatory framework and scientific basis of environmental hazards.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 320. Environmental Policy and Risk Assessment in Public Health 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** PHEH 301 and enrolled in the School of Public Health and Information Sciences.**Description:** This course provides an overview of the development and implementation of environmental health policy at local, national, and global scales and the role of risk analysis. Case-examples will provide in-depth assessments of environmental health policy and specific risk analysis topics.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 325. Public Health Nutrition 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Enrolled in the School of Public Health and Information Sciences.**Description:** This course will provide an introduction to the identification and prevention of nutrition related disease at the community and population level. Tools and measures for assessing nutritional status in the individual and group will be introduced. The history of the Dietary Guidelines for Americans will be introduced and the relevance to the Supplemental Nutrition Assistance Program (formerly know as FoodStamps) and other nutritional assistance programs will be investigated.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**PHEH 330. Childhood Nutrition from a Public Health Perspective 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** One semester of BIOL 102 and enrolled in the School of Public Health and Information Sciences.**Description:** This course explores the USDA childhood nutrition support programs including the national school breakfast and lunch programs, the Women, Infants and Children (WIC) program, and community nutrition education programs that target children. The role of food advertising on childhood food preferences as well as dietary patterns for children of various ages within the US Dietary Recommendations will be introduced. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 331. Food Composition and Public Health 3 Units****Term Typically Offered:** Fall, Spring**Description:** The biological basis of nutrition including nutrient composition of food, function of the digestive system, and the contributions of nutrition sciences to the practice health will be covered with an emphasis on the nutritional foundations of a healthy society. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 332. Nutrition Assessment Tools 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** PHEH 101 or PHEH 331 or HSS 302 or HSS 303 and enrolled in the School of Public Health and Information Sciences.**Description:** This course introduces the practices of nutritional assessment in target populations and communities including national health surveys and relevant epidemiological study designs. Students will become familiar with tools for assessment of nutritional status in at-risk populations and in support of national surveillance programs and the interpretation of findings with relevance to policy objectives. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 440. Biology for Population Health 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** BIOL 102 (or equivalent) and enrolled in the School of Public Health and Information Sciences.**Description:** The course explores the biology, anatomy, biochemistry, physiology, and pathophysiology of selected acute and chronic diseases from a public health perspective. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 450. Undergraduate Research in Environmental Health 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Permission of Instructor.**Description:** This course introduces students to environmental health research and data analysis. The course consists of readings, data collection, data processing, statistical analysis, and dissemination of findings.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 500. Introduction to Environmental and Occupational Health Sciences 3 Units****Prerequisite(s):** Enrollment in School of Public Health and Information Sciences.**Description:** This course provides students with the basic concepts and principles of environmental health and occupational health including environmental agents in water, air and soil, such as chemicals, biological and physical agents, and other important factors that may constitute a risk to humans. It also provides an overview of the basic principles and methods of risk assessment and risk management. This course is designed for all public health practitioners and meets the core environmental health requirement for the MPH degree program. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 525. Biological Basis for Parasitic and Infectious Diseases 1 Unit****Prerequisite(s):** PHEH 500 (or concurrently).**Description:** This course will provide an overview of key biological concepts related to the pathogenic responses of humans to infectious and parasitic agents. The central questions addressed by the course include: What strategies are used by different types of pathogens to interact with host cells and what physical/cellular barriers impact host infectious/parasite interactions; and how do host cells/organisms respond to different types of pathogens through innate and adaptive immune responses to infectious/parasitic diseases.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHEH 526. Nutrition and Maternal and Child Health 3 Units****Term Typically Offered:** Spring Only**Description:** This course covers the scientific foundations of human nutrition and digestion, methodologies for nutritional assessment in at-risk populations, and the impact of food scarcity/nutritional inadequacy on maternal/child.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Health, Management Systems Sciences (PHMS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**PHMS 301. Introduction to the U.S. Healthcare Delivery Systems 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Enrolled in the School of Public Health and Information Sciences.**Description:** This course explores the many different aspects of health care delivery in the United States within a system of systems, the bases and processes of health care financing, and professional considerations for serving, managing, and leading in different types of health service organizations. Emphasis is placed on the role of health professionals working in different types of health service organizations.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHMS 410. Public Health Law and Ethics 3 Units****Term Typically Offered:** Fall, Spring**Prerequisite(s):** Enrolled in the School of Public Health and Information Sciences.**Description:** The purpose of this course is to introduce students to the critical issues relating to law, ethics and public health. The course examines the legal foundations of the American public health system and resulting ethical dilemmas of the private interests versus public good.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHMS 430. Elements of Data Mining 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** PHST 302.**Description:** This course will train students with the necessary skills for data mining/big data analytics that will be used in employment after graduation. It covers the collection of techniques used in practice to analyze huge data sets. The course focuses on building essential abilities: 1) formulating an analytic approach to the problem, 2) application of the techniques, 3) interpretation of results, and 4) presentation of results: oral and written communication.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHMS 501. Introduction to Public Health Practice and Administration 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Enrolled in the School of Public Health and Information Sciences.**Description:** This course emphasizes the practical application of the principles of health care organizations to public health at the national, state and local levels.**Note:** Taught only at the graduate level.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHMS 505. Governance and Management of Healthcare Organizations 3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** Enrolled in the MS in Health Administration or undergraduate Minor in Health Management in the School of Public Health and Information Sciences.**Description:** This course seeks to provide the student with an understanding of organizations and leadership from dominant ways of thinking about them to ways informed by a complexity perspective. Course participants will read about and discuss a broad range of perspective about what constitutes an organization and leadership of it. Particular attention will be given to the organizational experiences of the student and the experience of the class in being together. Course is held on the Health Sciences Campus and is co-scheduled with the graduate credit section of this course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHMS 509. Health Finance and Financial Management 3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** Enrolled in the MS in Health Administration or undergraduate Minor in Health Management in the School of Public Health and Information Sciences.**Description:** This course is designed to provide an overview of health finance and financial management, including context of health finance and the approaches and processes involved in managing the health enterprise. Course is held on the Health Sciences Campus and is co-scheduled with the graduate credit section of this course.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**PHMS 530. Comparative Health Systems 3 Units****Term Typically Offered:** Spring Only**Description:** This course examines health delivery and public health systems from a global perspective. The course focuses on teaching students to describe elements of these systems, the environment in which the systems exist, and the internal and external forces through which systems change. Although the structure of different health systems vary, most also have substantial similarities especially in the areas of improving access and quality, while minimizing costs. The course focuses on health systems, using examples of health systems in different countries to demonstrate system similarities and differences. The course will provide a framework for analyzing different models of organizing health care and public health in settings around the world. The course will engage students in examining health systems outside the United States, focusing specifically on how a country's history, geography, government, and economy influence the delivery of health services. Students will apply these skills in a semester-long group project involving the analysis of a selected country's health system, its performance factors affecting performance and structure, and opportunities for reform.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Public Health, Public Health (PHPH)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to

the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### PHPH 100. Majoring in Public Health 1 Unit

**Term Typically Offered:** Fall, Spring

**Description:** An introduction into the BS/BA Program in Public Health, this course includes topics of general education requirements, curriculum advising, and orientation and career options related to the program.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 101. Introduction to Public Health - SB 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** Just look around and you'll find examples of public health - global pandemics, natural disasters and the threats of climate change, the systems in place to ensure safe foods and clean drinking water. Public health addresses these and so much more. In this course, we introduce you to the broad and impactful discipline of public health, discussing its history, its practice, the science of epidemiology, determinates of health and disease, social justice, and health equity. Critical thinking is an essential part of this exploration, which is used in both instructional techniques and evaluation throughout the course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 102. Introduction to Public Health (Honors) - SB 3 Units

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Enrolled in the Honors Program.

**Description:** Just look around and you'll find examples of public health - global pandemics, natural disasters and the threats of climate change, the systems in place to ensure safe foods and clean drinking water. Public health addresses these and so much more. In this course, we introduce you to the broad and impactful discipline of public health, discussing its history, its practice, the science of epidemiology, determinates of health and disease, social justice, and health equity. Critical thinking is an essential part of this exploration, which is used in both instructional techniques and evaluation throughout the course.

**Note:** Taught at Honors level.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 150. Special Topics in Public Health Sciences 1-3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An in-depth exploration of special topics in public health sciences to advance students' knowledge in an familiarity with aspects of public health and sciences not covered or not covered at same depth in existing courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 250. Special Topics in Public Health Sciences 1-3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An in-depth exploration of special topics in public health sciences to advance student's knowledge in and familiarity with aspects of public health sciences not covered or not covered at same depth in existing courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 301. Global Public Health - SBH, D2 3 Units

**Term Typically Offered:** Fall, Spring

**Description:** The course will provide an overview of the factors that produce global health challenges, including demographic changes, conflict, human rights abuses, migration, travel, food production and distribution, water resources, and market forces and economic factors. Students will become familiar with the role of government and non-governmental organizations in identifying, understanding, and addressing global health issues.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 350. Special Topics in Public Health Sciences 1-3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** An in-depth exploration of special topics in public health sciences to advance students' knowledge in an familiarity with aspects of public health and sciences not covered or not covered at same depth in existing courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 401. Public Health and Health Policy 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Must be a Public Health major or minor.

**Description:** This course will introduce students to the basic terms, concepts and best practices in applying policy solutions to a range of public health problems. In addition to the principles, there will be a wide-ranging review of specific public health policy examples, and how advocates negotiate and navigate through the contrasting community positions on policy applications.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### PHPH 420. Practice of Public Health 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Must be a Public Health major or minor.

**Description:** The course is an introduction to public health practice and is organized around the core functions and essential services of public health.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- PHPH 431. Contemporary Issues in Public Health I** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Must be a Public Health major or minor.  
**Description:** One of two courses in a series taken over two semesters, in which student teams explore and present current public health issues in the context of Healthy People 2020 and the essential services of public health.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 450. Special Topics in Public Health Sciences** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Enrollment in the School of Public Health and Information Sciences and permission of Instructor.  
**Description:** An in-depth exploration of special topics in public health sciences to advance students' knowledge in an familiarity with aspects of public health and sciences not covered or not covered at same depth in existing courses.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 455. Independent Study in Public Health Sciences** 1-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Enrollment in the School of Public Health and Information Sciences and permission of Instructor.  
**Description:** Course allows students to pursue advanced study with faculty guidance on a topic related to public health.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 491. Senior Capstone 1 - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Must be a Public Health major and have a minimum of 90 credit hours.  
**Description:** Taken over the course of two semesters, in conjunction with PHPH 492. One semester consists of research thesis on public health; the other of a public health project by student group collaborating with Belknap campus or West End, plus journal and presentation.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 492. Senior Capstone 2 - CUE** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** PHPH 491.  
**Description:** Taken over the course of two semesters, in conjunction with PHPH 491. One semester consists of research thesis on public health; the other of a public health project by student group collaborating with Belknap campus or West End, plus journal and presentation.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 523. Public Health in the United States** 3 Units  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Admission to a graduate program in the School of Public Health and Information Sciences, other than the MPH.  
**Description:** This course is designed to introduce new students in academic public health programs (MS and PhD) to the field of Public Health in the United States. It provides a broad overview of the field of public health, a focused look at the core areas of epidemiology and biostatistics, health promotion, environmental health, and health care administration.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 550. Special Topics in Public Health Sciences** 1-3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Enrollment in the School of Public Health and Information Sciences and permission of Instructor.  
**Description:** In-depth exploration of public health sciences topics to advance students' knowledge in aspects of field not covered at same depth in existing courses.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHPH 551. Public Health Study Abroad** 1-6 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Instructor permission.  
**Description:** Students who are interested in a global learning experience may engage in independent coursework related to their travel. Students pursue a topic of special interest that is not covered in regular course offerings under the mentorship of a faculty member. Should be listed twice in the catalog, one for undergrad credit and one for grad credit.  
**Note:** We are offering this course both to undergrads for undergrad credit and to graduate students for graduate credit.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Russian (RUSS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to

the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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### RUSS 121. Basic Russian I 4 Units

**Term Typically Offered:** Fall, Spring

**Description:** For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 122. Basic Russian II 4 Units

**Term Typically Offered:** Fall, Spring

**Description:** For beginners. Basic grammar, with practice in hearing, speaking, reading, and writing.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 123. Intermediate Russian 4 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** RUSS 122 or equivalent.

**Description:** Review of grammar. Practice of the language through oral and written exercises. Reading from representative literature or from cultural selections.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 200. Study Abroad 1-15 Units

**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 300. Study Abroad 1-15 Units

**Description:** Participation in a University of Louisville study abroad program or another program undertaken with prior approval of the Department. Credit is awarded with proof of successful completion.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 313. Readings in Russian Literature, Themes and Great Issues 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** RUSS 221 or RUSS 123 or equivalent.

**Description:** Critical reading and interpretation of works in Russian literature. Topics may vary. Conducted primarily in Russian.

**Note:** May be repeated once for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 321. Russian Reading, Conversation, and Composition I 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** RUSS 221 or RUSS 123 or equivalent.

**Description:** Practice in reading Russian and development of conversation skills. Also vocabulary building, grammar, culture, writing. Conducted primarily in Russian.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 322. Russian Reading, Conversation, and Composition II 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** RUSS 221 or RUSS 123 or equivalent.

**Description:** Practice in reading Russian and development of conversation skills. Also vocabulary building, grammar, culture, writing. Conducted primarily in Russian.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 371. Special Topics in Russian 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** RUSS 221 or RUSS 123 or equivalent.

**Description:** Opportunity for the advanced student to work on a project in some area of Russian studies not comprehensively covered in a regular course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 372. Special Topics in Russian 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** RUSS 221 or RUSS 123 or equivalent.

**Description:** Opportunity for the advanced student to work on a project in some area of Russian studies not comprehensively covered in a regular course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

### RUSS 411. Studies in Russian Language, Literature, and Culture I 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** RUSS 322 or faculty consent.

**Description:** Selected topics in Russian language, literature, and culture, chosen to meet needs of students. Topics may vary.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**RUSS 412. Studies in Russian Language, Literature, and Culture II 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** RUSS 322 or faculty consent.**Description:** Selected topics in Russian language, literature, and culture, chosen to meet needs of students. Topics may vary.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**RUSS 421. Advanced Russian Reading, Conversation and Composition I 3 Units****Term Typically Offered:** Occasionally Offered**Prerequisite(s):** RUSS 322 or faculty consent.**Description:** Advanced practice in reading and conversation. Also vocabulary building, grammar, culture and writing. Conducted primarily in Russian.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**RUSS 422. Advanced Russian Reading, Conversation and Composition II 3 Units****Prerequisite(s):** RUSS 322 or faculty consent.**Description:** Advanced practice in reading and conversation. Also vocabulary building, grammar, culture and writing. Conducted primarily in Russian.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Social Change (SCHG)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**SCHG 300. Topics in Social Change: Humanities 3 Units****Term Typically Offered:** Fall, Spring**Description:** Focuses on a specific topic related to social change from an interdisciplinary, humanities perspective. Topics are announced in the schedule of classes.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**SCHG 301. Topics in Social Change: Humanities - WR 3 Units****Description:** Focuses on a specific topic related to social change from an interdisciplinary, humanities perspective. Topics are announced in the schedule of classes.**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**SCHG 302. Topics in Social Change: Social Sciences 3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** Focuses on a specific topic related to social change from an interdisciplinary, social sciences perspective. Topics are announced in the schedule of courses.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**SCHG 303. Topics in Social Change: Social Sciences - WR 3 Units****Term Typically Offered:** Occasionally Offered**Description:** Focuses on a specific topic related to social change from an interdisciplinary, social sciences perspective. Topics are to be announced in the schedule of courses.**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**SCHG 305. Hip-Hop and Social Movements - WR 3 Units****Term Typically Offered:** Fall Only**Description:** Study of the rise of hip-hop as a social movement, including the origins, spread, and globalization of hip-hop culture, and its use in movements for social change worldwide.**Note:** Approved for the Arts & Sciences upper-level written communication requirement (WR).For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)**SCHG 323. Modern American Social Movements 3 Units****Term Typically Offered:** Occasionally Offered**Description:** Introduces students to the history of modern American social movements. Topics will include organizing strategies, tactics, and results.**Note:** Cross-listed with HIST 323.For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 333. Globalizing Inequalities - WR 3 Units**

**Prerequisite(s):** ANTH 201, or SOC 201, or SOC 202, or faculty consent.

**Description:** One popular story about globalization holds that human beings have been like boats all rising together on a globalizing tide. The course uses data and perspectives from across the social sciences to develop a more realistic story—one that understands that people are not boats and the tides can alternately lift them up or beat them down, refresh them or drown them depending on the circumstances. Questions about those circumstances structure the course. Another question addressed by the course: how can knowing more about globalization and in/equality help us develop the human career in different possible directions? The readings and other materials vary greatly by period, by spatical focus, and by analytical perspective. This is a WR course because the topic demands that students learn to pose their own questions about it and to answer those questions in cogent prose.

**Note:** Cross-listed ANTH 333.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 375. Social and Restorative Justice 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** This course links social justice and criminology while considering the causes of harm. Assumptions about crime and justice will be examined by comparing and contrasting retributive and restorative justice paradigms. A considerable portion of the course will be dedicated to confronting specific social justice issues.

**Note:** Cross-listed with CJ 375.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 399. Lectures in Social Change 1 Unit**

**Term Typically Offered:** Spring Only

**Description:** A series of public lectures in Social Change with reading, short writing assignment and discussion for each lecture.

**Note:** May be repeated when topics vary, up to a maximum of 3 hours.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 401. Social Change Community Internship 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Restricted to Social Change minors with at least 9 hours of Social Change (SCHG) coursework.

**Description:** Working with a Social Change faculty member, student will design a project based on 10 hours/week volunteer work in a community organization working for social change.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 453. Social Change 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SOC 201 and SOC 320; or consent of instructor.

**Description:** Examines social change from a sociological perspective; explores theories, spheres, patterns, consequences of change; involves students in field study of actual case of change in local community or region.

**Note:** Cross-listed with SOC 453.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 500. Advanced Topics in Social Change: Humanities 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Provides advanced study of a specific topic related to social change from an interdisciplinary, humanities perspective.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 501. Advanced Topics in Social Change: Humanities - WR 3 Units**

**Description:** Provides advanced study of a specific topic related to social change from an interdisciplinary, humanities perspective.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 502. Advanced Topics in Social Change: Social Sciences 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Provides advanced study of a specific topic related to social change from an interdisciplinary, social sciences perspective.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 503. Advanced Topics in Social Change: Social Sciences - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Provides advanced study of a specific topic related to social change from an interdisciplinary, social sciences perspective.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 510. Managing Conflict, Change and Justice 3 Units**

**Term Typically Offered:** Spring Only

**Description:** Students will be introduced to the interpersonal and social nature of conflict and the practices and skills associated with conflict resolution. By analyzing the human nature and dynamics of both interpersonal and social conflicts, students will develop an awareness of the integral role the conflict management process plays in nurturing the attributes (is., relationship building, equity, fairness & peace) of conflict resolution.

**Note:** Cross-listed with CJ 510.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 513. U.S. Social Justice Movements 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Junior standing.

**Description:** Course will begin with abolitionism, then concentrate on social justice upsurges of the 20th century, with emphasis on women in the civil rights and black liberation movements.

**Note:** Cross-listed with WGST 513, and HIST 513, and PAS 513.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SCHG 538. Critical Social Theory 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** A critical examination of interdisciplinary theories that seek to understand and explain social formations while at the same time uncovering ways that such formations can be unjust and irrational.

**Note:** Cross-listed with PHIL 538.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Social Work (SW)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**SW 101. Social Work Orientation 1 Unit**

**Term Typically Offered:** Fall Only

**Description:** This class is designed to help students gain an increased awareness of academic support services offered throughout the University of Louisville and the Kent School of Social Work Advising and Student Services. It will allow BSW students to explore their academic and social self-awareness to create the best strategy for their career at the university. This orientation course is designed to help acclimate students to college life. The course will give the student information about how to plan which courses to take to stay on track with their BSW major, how to get involved on campus and future career paths of a social worker.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 201. Introduction to Social Work - D1, SB 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course introduces students to the profession of social work, its Code of Ethics, values base and commitment to social justice and working with vulnerable and oppressed groups. Students are exposed to the profession's history as well as current social issues and trends. The course provides an introduction to the roles of the generalist social work practitioner within a theoretical framework that includes systems theory, an ecological perspective, a problem-solving model, and the value of diversity. The course stresses self-awareness in determining suitability for a career in social work.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 202. Intimate and Family Relationships - SB 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** The course introduces students to the scientific study and understanding of couple and family life. Examination of attitudes and values regarding intimate relationships is encouraged. Class activities and assignments enable students to integrate personal experiences with newly gained understanding and knowledge.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 203. Human Biology for Social Sciences 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** The course is designed to be a supporting course for bachelor degree students in social work. In each session, we consider fundamental physiological conditions and the structures related to each condition. While the course emphasizes normal functioning, each discussion will include examples of alterations caused by illness and exposure to exogenous substances (drugs, medications, and infections).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 204. Introduction to Social Statistics 3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Completion of General Education Quantitative Reasoning (QR) Requirement.  
**Description:** The purpose of this course is to introduce Bachelor of Social Work students to quantitative tools used to describe/interpret data used in social work practice, research, and policy formation. Students learn to plan and conduct analyses guided by understanding of social work.  
**Note:** Cross-listed with MATH 109, PSYC 301, SOC 301, CJ 326, MGMT 201.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 301. Human Behavior and the Social Environment I 3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Completion of General Education requirements and admission to BSW program.  
**Description:** Focuses on society at large (social movements, social institutions and social structure), larger environments (physical environment, communities, and formal organizations) and small groups. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 302. Social Welfare Institutions, Policies and Services 3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Completion of General Education requirements and admission to BSW program.  
**Description:** Explores the historical context and evolution of social welfare policy, and how dominant values and contextual factors shape policy in a broad range of social welfare arenas.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 303. Generalist Practice I 3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Completion of General Education requirements and admission to BSW program.  
**Description:** Orients students to the helping process and the generalist perspective. Emphasizes systems theory, the ecological model and strengths based perspectives and explores methods of interventions to enhance social functioning.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 304. Generalist Practice II 3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SW 303.  
**Description:** Addresses the development of the knowledge and skills necessary for generalist social work practice with individuals, maintaining the context and relationship with the environment.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 305. Writing & Critical Thinking Skills for Social Workers 3 Units**

**Description:** The intent and purpose of this course is to offer Kent School social work students the opportunity to improve their critical thinking and writing skills within the context of their academic development as a professional social worker. The course is designed to instruct students about the application of critical thinking skills to writing and their thinking/reasoning as it relates to the numerous and complex skills necessary for ethical and competent practice in the social work profession. It will incorporate the use of evidence-based literature searches to assist students in learning how to better prepare academic papers and will also focus on improving overall college-level writing skills necessary for successful completion of the BSW and MSSW program. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 307. Diversity, Oppression and Social Justice Practice 3 Units**

**Term Typically Offered:** Spring Only  
**Description:** This undergraduate course is designed to provide students with the knowledge and skills for social work practice with people who are subject to various forms of oppression such as racism, sexism, heterosexism, classism, ageism, and ableism operating at the individual, community and institutional levels of society. Diversity, strengths, and social justice practice are emphasized. Developing greater professional and personal awareness about the impacts of various forms of oppression and social justice responses are addressed. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 315. Mental Health 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW students.  
**Description:** This course is designed to familiarize the student with a body of knowledge and the service delivery system known as mental health. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 319. Human Behavior and the Social Environment II 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SW 301.

**Description:** Focuses on families, dyads, and the individual person (biological person, psychological person, spiritual person and the lifespan development).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 322. Issues in Policy and Service Delivery 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SW 302.

**Description:** Emphasizes the interrelationship between problem conceptualization, policy options, and their impact on social work practice and clients and analyzes these interrelationships in fields of child welfare, health, mental health and aging.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 332. Gay, Lesbian, Bisexual and Transgender (GLBT) Issues and Social Welfare 3 Units**

**Description:** The purpose of this course is to introduce contemporary topics related to the social welfare of gay, lesbian, bisexual and transgender (GLBT) individuals. Issues addressed are related to development, health disparities, family, research, history and ethics.

**Note:** Course is cross-listed with SW 632.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 333. Social Work and Human Sexuality 3 Units**

**Term Typically Offered:** Spring, Summer

**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW program.

**Description:** This course provides knowledge about physical, behavioral, cognitive, emotional, and spiritual aspects of human sexuality.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 336. Death and Grief 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW program.

**Description:** The main purpose of this course offering is to prepare bachelor's and master's level social workers for effective practice with persons experiencing terminal illness as patients, family or caregivers and persons coping with grief and loss.

**Note:** HBSE I and II recommended, not required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 352. Child Abuse and Neglect (Child Maltreatment) 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW students.

**Description:** This course is designed to provide a comprehensive introduction to child abuse and neglect from a social work perspective.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 353. Child Abuse Interventions 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** SW 352; restricted to students admitted to Kent School of Social Work BSW program.

**Description:** In this course, students will learn about various practice skills and treatment interventions related to social work with abused/neglected children and their families.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 361. Special Issues in Alcohol and Drug Counseling 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW program.

**Description:** This course includes highly specialized and advanced topics in addiction treatment to prepare students to begin practice in Alcohol and Drug Counselor training. Content will round out and complete a basic course of study for alcohol and drug counselors that was not adequately addressed in substance abuse and motivational interviewing classes.

These advanced topics will 1) generally aid students in submitting the application for certification as alcohol and drug counselors, 2) provide students with required case management training for working in a licensed alcohol and other drug treatment facility, and 3) prepare students for working within multidisciplinary teams and gain familiarity with clinical supervision methods utilized in substance abuse treatment programs. 4) Students will become familiar with the use of the Addiction Severity Index (ASI) a very common assessment tool widely used in substance abuse treatment settings. The complexity and demonstrated efficacy of specialized treatment for substance abuse disorders is well documented and preparation to work with this problem will be valuable across a range of populations; including, but not limited to individuals treated in traditional and non-traditional treatment settings. Evidence based knowledge is progressively improving the effectiveness of treatment. This course will utilize a convergence of knowledge to prepare students for their role in advancing the treatment of alcohol and other drug dependency.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 362. Substance Use and Substance Use Disorders 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW program.

**Description:** Examines current issues associated with substance abuse. Prevailing paradigms related to substance abuse are explored and pragmatic intervention strategies for dealing with those abusing substances are presented and applied.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>SW 381. Social Gerontology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Summer  <b>Prerequisite(s):</b> Restricted to students admitted to Kent School of Social Work BSW program.  <b>Description:</b> This course is designed to enable students to understand the complexity of the aging process from the perspective of the individual, the family and society.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SW 405. Generalist Practice III</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> SW 303 and SW 304; SW 470 (or concurrent) and SW 472 (or concurrent).  <b>Description:</b> Focuses on mezzo systems. Applications of Social Work values, knowledge and methods with families and small groups is emphasized.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SW 382. Social Work Practice with Older Adults</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Restricted to students admitted to Kent School of Social Work BSW program.  <b>Description:</b> This course will introduce students to the theory and practice of assessment and clinical intervention with older adults.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SW 406. Generalist Practice IV</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> SW 405; SW 471 (or concurrent) and SW 473 (or concurrent).  <b>Description:</b> Engage Social Work skill development and practice in the application of knowledge, skills, and methods to the macro systems of professional practice including neighborhoods, communities and organizations.  <b>Course Attribute(s):</b> CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SW 384. Spirituality and Social Work</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Restricted to students admitted to Kent School of Social Work BSW program.  <b>Description:</b> This course is offered as an elective course and provides in-depth examination of the meaning of spirituality for social work practice.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SW 415. Mental Health</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> This course is designed to familiarize the students with the body of knowledge and the service delivery system known as "mental health." The factors of human experience that promote mental health or serve as a barrier to healthy functioning will be examined.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SW 385. Planning and Community Development</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> Restricted to students admitted to Kent School of Social Work BSW program.  <b>Description:</b> Using theories from the behavioral and social sciences, this course will provide students with a basic theoretical, methodological, value and skill base in social planning within a context of community development, organization and advocacy.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SW 426. Introduction to Social Work Research</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> SW 304.  <b>Description:</b> Provides students the foundation knowledge for scientific inquiry, covering all aspects of the research process from problem formulation to writing of the research report.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SW 397. Special Topics in Social Work</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Restricted to students admitted to Kent School of Social Work BSW program.  <b>Description:</b> Selected topics in Social Work. Topics chosen will reflect the needs of the students and the background of the instructor. May be repeated under different subtitles.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SW 442. Psychopathology</b> <span style="float: right;"><b>3 Units</b></span>  <b>Description:</b> This course examines concepts of labeling theory, stigma, strengths perspective, and the clinical use of diagnostic classification of psychopathology from a social work perspective. The implications of various definitions of psychopathology and the uses of diagnostic systems to inform practice, policy, and promote social justice are considered.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**SW 459. Introduction to Family Therapy Practice 3 Units**

**Description:** This course emphasizes understanding assessment, case planning, and intervention in couple and family therapy. The students will be introduced to the major assessment and intervention ideas/skills associated with the major schools of marital family therapy. Skill development will encompass systemic assessment, consensus building, case planning and the tools necessary to conduct an initial interview. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 460. Motivation and Change 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** The course focus is on theory and evidence based practice methods aimed at engaging resistant people in the process of change: Motivational interviewing (MI) is a client-centered, yet directive method for enhancing intrinsic motivation for change. BSW Upper Division Elective.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 464. Social Work and the Law 3 Units**

**Term Typically Offered:** Spring, Summer

**Prerequisite(s):** Restricted to students admitted to Kent School of Social Work BSW program.

**Description:** This course is designed to: 1) familiarize students with the legal system and the various roles of social workers within the legal arena; 2) increase student understanding of the impact of the legal system on social work clients and client groups; 3) increase student understanding of the interface of the law with professional social work practice; and 4) develop and enhance the skills needed by the professional social worker in situations where social work and the law interface.

**Note:** Previously taught as SW 364.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 470. Practicum I 3 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Fall Only

**Prerequisite(s):** SW 405 (or concurrent) and SW 472 (or concurrent).

**Fee:** An additional \$43.00 is charged for this course.

**Description:** This course is designed to provide an educationally supervised practicum within human services organizations. This is a generalist practicum work experiences based on the structural/strengths model of social work practice and taken concurrently with Practicum Seminar and Lab I and Generalist Practice III courses. This practicum course integrates course assignments to assist students in developing social work perspectives and skills, using the Elements of Thoughts from the Paul-Elder Framework of Critical Thinking in working with a range of client systems: individuals, couples, families, groups, organizations and communities. The practicum experience provides for the integration of theory learned across social work practice, human behavior, diversity, organizational and community dynamics, social policy and research courses.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 471. Practicum II 3 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SW 470; SW 406 (or concurrent) and SW 473 (or concurrent).

**Fee:** An additional \$43.00 is charged for this course.

**Description:** This course is designed to provide an educationally supervised practicum within human services organizations. This is a generalist practicum based on the structural/strengths model of social work practice and taken concurrently with Practicum Seminar, Lab II, and Generalist Practice IV courses. This practicum course integrates course assignments to assist students in developing social work perspectives and skills, using the Elements of Thoughts from the Paul-Elder Framework of Critical Thinking in working with a range of client systems: individuals, couples, families, groups, organizations and communities.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 472. Practicum Seminar and Lab I - CUE 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** SW 405 (or concurrent) and SW 470 (or concurrent).

**Description:** Supplements through class discussion, readings, and role play the experiences of the practicum, creating an arena for integration of practice theory and content.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 473. Practicum Seminar and Lab II 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SW 472; SW 406 (or concurrent) and SW 471 (or concurrent).

**Description:** Supplements through class discussion, readings, role play the experiences of the practicum, creating an arena for integration of practice theory and content.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SW 499. Bachelor of Social Work Independent Study 1-3 Units**

**Grading Basis:** Pass/Fail

**Term Typically Offered:** Occasionally Offered

**Description:** This course offers Kent School undergraduate social work students the opportunity for students, under the supervision of a sponsoring faculty member, to pursue individualized student related to research or practice that is not included in regular course curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Sociology (SOC)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific

fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**SOC 201. Introduction to Sociology - SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Introduction to the study of human societies. How societies are organized and changed and the implications of social organization on everyday life.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 202. Social Problems - D1, SB 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Structural sources and individual experiences of the major contradictions of contemporary societies. Poverty, racial/ethnic conflict, work and occupations, and the environment may be among the topics considered.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 203. Introduction to Social Psychology - SB 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Introduction to the study of the relationship between the individual and society. Focus on growth of self, the behavior of people in groups, and the theories and research that aid understanding these phenomena.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 210. Race in the United States - SB, D1 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Examines the social processes leading to the development of major racial grouping in the United States. Focuses on racialization in the United States, relationship between assimilation and racialization, and causes and consequences of the social construction of race.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 301. Introduction to Social Statistics 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Completion of General Education Quantitative Reasoning Requirement.

**Description:** Statistical concepts used in the social sciences: descriptive statistics, probability, sampling, hypothesis testing, estimation, regression and correlation, categorical data analysis, and statistical control.

**Note:** Credit may not be earned for this course and MATH 109, PSYC 301, BSTA 201, BSTA 301, SW 204, or CJ 326.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- SOC 303. Introduction to Research Methods - WR** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** An overview of research methods commonly used in Sociology. Elements of quantitative research design, the logic of inquiry, and ethical issues.  
**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 305. Urban Sociology** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** An introduction to the sociology of urban areas, including the study of how humans organize their lives in cities; analysis of the form and development of cities; and review of theories and research that aid understanding these phenomena.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 306. Demography** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** An introduction to the major theories, data sources, concepts, and measures of demography. Topics include population size, population growth, population composition, population distribution, fertility, mortality, and migration.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 307. Rural Sociology** 3 Units  
**Term Typically Offered:** Spring Only  
**Description:** Analysis of social change in rural areas of the United States, including social structure, demographic characteristics, mobility, and value orientations of rural people.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 315. Environmental Sociology** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Problem identification, policy formulation, and agenda implementation examined from an environmental and developmental perspective. Review of institutions, processes, and social conflict.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 320. Social Theory - WR** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** SOC 201.  
**Description:** General introduction to the classical origins and modern forms of social theory; examination of the major and influential schools of social theory.  
**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 323. Diversity and Inequality** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Dimensions, sources, and problems associated with social inequality. Includes discussions of social class, gender, and race/ethnicity. Focus on American society, with international phenomena also considered.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 325. Sociology of Human Sexuality** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Examines human sexuality from historical and cross-cultural perspectives, with a focus on the structural and cultural foundations of sexual expression in the United States.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 327. Sociology of Gender** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Examines the differential status of women and men in all major social institutions and explores the structural foundations and theoretical explanations of gender inequality.  
**Note:** Cross-listed with WGST 313.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 329. Sociology of Families** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** Examines structural foundations, theoretical explanations, and historical and cross-cultural patterns of family formation to inform an understanding of trends in family form and function in the United States.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 334. Sociology of Deviant Behavior** 3 Units  
**Term Typically Offered:** Spring, Summer  
**Description:** Study of theoretical and empirical approaches to the analysis of deviance. Among those theories to be reviewed are labeling theory, phenomenology, ecological theory, and conflict theory.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 336. Criminology** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Study of crime emphasizing definition and causation of criminal behavior, crime reporting, occupational crime, professional and organized crime, and treatment of offenders.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- SOC 337. Motherhood and the Law** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course will examine the various ways the legal system impacts and regulates mothers. Students will critically analyze the effect court decisions and laws have on mothers using an intersectional approach (as developed by Kimberle Crenshaw). The course begins with setting a theoretical framework - built on both theories of motherhood and legal analysis - and from there will study the interplay between the law and motherhood, from reproductive rights through raising children. This course is designed to give students an understanding of how the justice system impacts mothers' lives, maintains systems of inequality, and regulates their bodies.  
**Note:** Crosslisted with WGST 337.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 339. Black Women and the Criminology System** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** This course will examine the various ways the legal system impacts and regulates Black women. Students will critically analyze the effect court decisions and laws have on Black women using an intersectional approach of race, gender, economic class, differently abled bodies, sexual orientation, religion, and nationality. Students will first study legal standards and terminology as well as race and gender theory to develop a solid foundation on which to examine case law, constitutional standards and current events. This course is designed to give students an understanding of how the justice system impacts Black women's lives, maintains systems of inequality, and regulates their bodies. We will look at women lead the criminal justice reform movement both within and outside of the legal system.  
**Note:** Cross-listed with WGST 339 and PAS 339.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 340. Mental Health and Illness** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Sociological perspective and analysis of the nature, development, identification, and treatment of mental illness. Examines the convergence of sociology, psychiatry, and psychology within the context of contemporary treatment systems. Explores prevalence and incidence rates of psychiatric disorders with particular attention given to the effects of social inequality on psychological well-being.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 342. Medical Sociology** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Sociological perspectives on the distribution and etiology of disease, differential response to illness, medical care and its organization, mortality, the hospital as an institution, medical education, and health policy and politics.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 343. Sociology of Women's Health** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Description:** Introduces key theoretical and substantive issues in the sociology of women's health and healing. Draws from feminist theories and their intersections with critical perspectives on gender, race/ethnicity, social structure, power and medicine; attention to social and cultural factors in the U.S. and abroad.  
**Note:** Cross-listed with WGST 312.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 344. Sociology of Music in Contemporary America** 3 Units  
**Term Typically Offered:** Fall Only  
**Description:** Application of sociological perspective to various American musical subcultures, e.g., pop, rock, jazz, classical. Analysis of social organization, economic and commercial aspects, socialization and career mobility of musicians, structure of performing groups and their audiences, and trends in musical taste.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 346. Sociology of Religion** 3 Units  
**Description:** Study of religion as a product of collective human endeavor, as a social institution; functions, types, and structures of religious organizations and conduct; relationships between religion and other aspects of sociocultural and class existence.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 350. Special Topics in Sociology** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Description:** Exploration of well-defined topics in sociology not treated in regular courses. Topics will be announced in Schedule of Courses.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 374. Money, Economics and Society - WR** 3 Units  
**Term Typically Offered:** Fall Odd Years  
**Description:** The economy as a social institution; sociological theories of the development of capitalism; historical development of industrialization; labor-management relations; trade unions; the service economy; globalization.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SOC 380. Animals and Society** 3 Units  
**Description:** This course examines human-animal interaction (or anthrozoology) as a means of studying society and will seek to address what the human-animal relationship reveals about society and how the ambivalent and controversial roles of animals are socially constructed.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 392. Faces of Global Poverty - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Persistent poverty in the Third World and specific groups in the United States. Focuses on the causes, consequences, solutions and survival strategies.

**Note:** Cross-listed with PAS 392/WGST 343.

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 394. Globalization, Culture and Third-World Development 3 Units**

**Description:** Examination of the social, economic, political, and ideological aspects of global economic development as they affect and shape the African development experience.

**Note:** Previously cross-listed with PAS 334.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 400. Independent Study - CUE 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** 18 hours in sociology, including 9 hours in the core; 3.5 GPA in Sociology; 3.0 GPA overall.

**Description:** Student must have program approved by instructor, chairperson, and dean before registration.

**Note:** Course form available in Advising Center.

**Note:** A maximum of six credit hours will apply toward the Sociology major.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 405. Voluntarism - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** SOC 201 and SOC 323; 90 credit hours; Sociology major; or consent of instructor.

**Description:** Investigation of issues and topics related to voluntary activity. Includes contact with voluntary organization in the local community.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 406. Applied Sociology - CUE 3 Units**

**Prerequisite(s):** SOC 201, SOC 301, and SOC 303; or consent of undergraduate coordinator.

**Description:** Techniques for adapting research methodologies and skills to applied concerns and settings. Development of skills that are applicable to the examination of social issues and concerns.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 410. Sociology of Aging - CUE 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SOC 201 and SOC 323; 9 hours at the 300+ level in one social science; or permission of instructor.

**Description:** Human aging as a process emergent from the interaction of personal and social systems; social implications of living arrangements, family networks, health status, and community roles.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 415. Sociology of Death & Dying - CUE 3 Units**

**Term Typically Offered:** Summer Only

**Prerequisite(s):** SOC 201 and SOC 323; or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** Examines thanatology (the study of death, dying, and bereavement) from a sociological perspective, exploring how death, dying, and bereavement are socially constructed in the United States.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 416. Sexual Assault and the Legal System 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Sexual Assault and the Legal System is designed to give students an understanding of how rape culture impacts the justice system, and vice versa. Students will critically analyze the effect stories about sexual assault have on the legal system using an intersectional approach of race, gender, economic class, differently abled bodies, sexual orientation, religion, and nationality. Students will first study legal standards and terminology as well as critical race and feminist theory to develop a solid foundation on which to examine case law, constitutional standards and current events.

**Note:** Cross-listed with WGST 416.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 417. Reproductive Justice 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** In this course Reproductive Justice and the Law, we will examine how the legal system impacts reproductive justice. We will break down the term reproductive justice and how it differs from reproductive rights. We will discuss the complex political, social, religious, and cultural dynamics that make reproductive justice one of the most controversial, and pressing, issues of our time.

**Note:** Cross-listed with WGST 417.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 418. Domestic Violence 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course will examine the ways the legal system shapes and enforces domestic violence law. We will examine the jurisprudence behind criminal law in general and legal foundation of domestic violence laws in particular. We will examine not only the history of domestic violence, but also the human element, studying the role of individual discretion and how neuroscience illuminates why outcomes for individuals can vary so greatly within the same legal system. We will study specific laws (ex: mandatory arrest) and we will apply an intersectional lens to all topics discussed. This class ultimately asks if the legal system is even capable of addressing the social harm of domestic violence, and if that answer is yes, how this is to be accomplished.

**Note:** Cross-listed with WGST 418.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 420. Sociology of Sport 3 Units**

**Term Typically Offered:** Summer Only

**Prerequisite(s):** SOC 323; or consent of instructor.

**Description:** Examines race, gender, social class, and other factors as they affect sport in society.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 425. Sociology of Leisure - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** SOC 201 and SOC 323; or nine hours at the 300+ level in one social science; or consent of the instructor.

**Description:** This course offers a sociological examination of how leisure interacts with gender, race and ethnicity, age, social class and other important social characteristics. It also considers how social theories, some unique to leisure studies, can be applied to key topics in the field, such as socialization into and through leisure activities, how leisure shapes well-being, the commodification of leisure, and tourism.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 427. Data Visualization 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** BSTA 301 or SOC 301 or PSYC 301 or CJ 326 or MATH 109 (or approved equivalent); or consent of instructor.

**Description:** This course offers ways in which to explore, analyze, and tell the story of data in a strategic manner. Topics will include how to make data more accessible and engaging by combining theories on perception with empirically derived practices to develop effective graphs, tables and text; how to generate compact dashboards, which display central metrics and multiple charts as a single page; how to use data visualization to explore novel variables and relationships as well as to monitor established ones; and how visualizations can be helpful conducting data analysis (e.g., to reveal conditional or nonlinear relationships, or to assess whether data meet assumptions of a statistical procedure).

**Note:** Cross-listed with SOC 627.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 435. Sociology of Health and Illness - CUE 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** SOC 201 and SOC 323; or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** This course introduces the student to the study of medical sociology and examines the different ways in which social groups experience health and illness at the micro-level (through face-to-face and small-to mid sized group interactions). Course material will explore how experiences of health and illness are shaped by life experiences, including class, race/ethnicity and gender.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 440. The Health Care System - CUE 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** SOC 201 and SOC 323; and 9 hours at the 300+ level in one social science; or consent of instructor.

**Description:** Overview of medical sociology, focusing on the socio-historical development of health care systems and institutions in the United States. Relevant health care policies will also be examined.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 442. Sociology of Disabilities 3 Units**

**Prerequisite(s):** 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** Sociological perspectives on medicine, culture, and science are used to examine the meanings, experiences, demographics, and impacts of disability in historical and contemporary social contexts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 450. Special Topics in Sociology - CUE** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Nine credit hours in core or consent of instructor.  
**Description:** Exploration of well-defined topics in sociology not treated in regular courses. Topics will be announced in Schedule of Courses.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 451. Special Topics in Sociology - WR, CUE** **3 Units**  
**Term Typically Offered:** Spring Even Years  
**Prerequisite(s):** Nine credit hours in core or consent of instructor.  
**Description:** Exploration of well-defined topics in sociology not treated in regular courses. Topics will be announced in Schedule of Courses.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 453. Social Change** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SOC 201 and SOC 320; or consent of instructor.  
**Description:** Examines social change from a sociological perspective; explores theories, spheres, patterns, consequences of change; involves students in field study of actual case of change in local community or region.  
**Note:** Cross-listed with SCHG 453.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 454. Social Inequality & Stratification - WR, CUE** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SOC 201, SOC 320, and SOC 323; or 9 hours at 300+ level in one social science; or consent of instructor.  
**Description:** Analysis of systems of the distribution of power, property, privilege, and prestige in human communities and societies. Comparison of alternate theories of the nature of distributive systems.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 455. Sociology of Work - WR, CUE** **3 Units**  
**Term Typically Offered:** Spring Even Years  
**Prerequisite(s):** SOC 201, SOC 320, and SOC 323; 9 hours at 300+ level in one social science; or consent instructor.  
**Description:** Examines historical forces which have shaped the social division of labor, various structural arrangements in the workplace, and current occupational trends; the use of sociological theory in the study of industrial society; the social organization of work, alienation, labor relations, personnel policy, the impact of industrialization on social life and culture.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 456. Gender and Work** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** SOC 201 and SOC 320; or 9 hours at 300+ level in one social science; or consent of undergraduate instructor.  
**Description:** The structural position of gender in the workplace; examination of changes, current trends, and difference in gender socialization for work.  
**Note:** Cross-listed with WGST 414.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 458. Women: International Perspective** **3 Units**  
**Prerequisite(s):** SOC 201 and SOC 327; or 9 hours at 300+ level in one social science; or consent of instructor.  
**Description:** Examination of major social concerns of women around the world, such as issues related to labor and slavery, sex trafficking, religion, media representation, health, education, political involvement, and violence against women.  
**Note:** Cross-listed with WGST 458.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 460. Gender in the Middle East** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** SOC 201 and SOC 327; or 9 hours at 300+ level in one social science; or consent of instructor.  
**Description:** This course examines the ways in which gender shapes, and is shaped, by social, political, economic, and cultural processes in the Middle East.  
**Note:** Cross-listed with WGST 460.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 464. Race and Ethnicity - WR, CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** SOC 201, SOC 320, and SOC 323; or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** Inter-group relations in multi-racial/multi-ethnic societies. Historical and social origins of racism as a system and an ideology.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 470. Political Sociology - CUE 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** SOC 320; 9 hours at the 300+ level in one social sciences, or consent of instructor.

**Description:** Focuses on the theoretical and empirical issues pertaining to the relationship between political processes, political structures, the state, and society.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 472. Sociology of Education - WR, CUE 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** SOC 201, SOC 303, and SOC 323; or consent of instructor.

**Description:** The historical development of education as a social institution and as an instrument of socialization and cultural diffusion. The course examines issues which may include power relations, tracking, innovation, cultural diversity, and other social processes.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 480. Juvenile Delinquency - CUE 3 Units**

**Term Typically Offered:** Spring Only

**Prerequisite(s):** SOC 201 and SOC 323, or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** The nature and extent of juvenile delinquency, including causation, control of delinquency, and methods of delinquency research.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 498. Honors Thesis - WR 1 Unit**

**Prerequisite(s):** Sociology major; having earned at least 75 hours; have earned at least 18 hours in Sociology, including SOC 303 and SOC 320; 3.5 GPA in sociology; 3.0 GPA overall.

**Description:** Original theoretical or empirical work in the field of sociology.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 499. Senior Honors Thesis - WR, CUE 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Sociology major with at least 75 credit hours; at least 18 hours in Sociology, including SOC 303 and SOC 320; 3.5 GPA in Sociology; 3.0 GPA overall.

**Description:** Original theoretical or empirical work in the field of Sociology.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 500. Special Topics 3 Units**

**Prerequisite(s):** Nine hours of core courses or consent of instructor.

**Description:** Exploration of well-defined topics in Sociology not treated in regular courses. Topic will be announced in Schedule of Courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 512. Gender, Race, Work, and Welfare** **3 Units**  
**Prerequisite(s):** 9 hours of social sciences work at the 300 level or above; or consent of instructor.

**Description:** Introduction to theory and research on labor market and welfare state with focus on gender race/ethnicity as they influence women's experiences of and ideas about work and welfare.

**Note:** Cross-listed with WGST 512 and PAS 512.

**Note:** Credit may not be earned for both SOC 512/WGST 512/PAS 512 and SOC 612/WGST 612/PAS 612.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SOC 530. Visual Sociology** **3 Units**

**Prerequisite(s):** Permission of instructor required.

**Description:** A field-oriented, laboratory-based course using the camera as a tool in studying and documenting selected elements of the rich and complex social environment.

**Note:** Students must have a 35mm SLR camera.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Spanish (SPAN)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

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**SPAN 000. Spanish Study Abroad** **1-30 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Participation in the University of Louisville Language Study Abroad Program and/or programs conducted by the International Center.

**Description:** Credit awarded to students who have successfully completed the program. Upon return, the student will be required to demonstrate proficiency at a level agreed upon by the Department of Classical and Modern Languages prior to departure.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 121. Spanish Language and Culture for Low Beginners I** **4 Units**  
**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Placement score below 250 on the WebCAPE Spanish placement exam or no previous study of the language.

**Description:** An introduction to the fundamental elements of the Spanish language within a cultural context. Emphasis is on the development of basic listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond to familiar topics in spoken and written Spanish as well as demonstrate cultural awareness.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 122. Spanish Language and Culture for Low Beginners II** **4 Units**  
**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** SPAN 121 or equivalent.

**Description:** A continuation of SPAN 121 with a focus on the fundamental elements of the Spanish language within a cultural context. Emphasis is on the progressive development of listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with increasing proficiency to spoken and written Spanish and should be able to demonstrate further cultural awareness.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 123. Spanish Language and Culture in Review** **4 Units**  
**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Completion of SPAN 122 or equivalent or placement score between 250-369 on the WebCAPE Spanish placement exam or score of 125 on the Spanish Heritage Language test.

**Description:** Application of basic language skills to build competence in speaking, listening, reading and writing ability. Development of intercultural competence as a means to a deeper understanding of the peoples and cultures of the Hispanic world as revealed in film, text and traditions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 125. Basic Spanish for Heritage Learners** **4 Units**  
**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Score of 125 on the Spanish Heritage Language test.

**Description:** Designed for students from a Spanish-speaking background. Basic level Spanish course that builds on and expands the knowledge and skills that Heritage Learners bring to the language classroom.

**Note:** Credit cannot be earned for both SPAN 125 and SPAN 123.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 141. Intensive Spanish I** **6 Units**  
**Term Typically Offered:** Summer Only

**Prerequisite(s):** Placement score below 295 or no previous study of the language.

**Description:** Development of the four language skills: understanding, speaking, reading and writing.

**Note:** Not counted toward major.

**Note:** For beginners.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>SPAN 142. Intensive Spanish II</b>  <b>Term Typically Offered:</b> Summer Only  <b>Prerequisite(s):</b> SPAN 141 or equivalent.  <b>Description:</b> Continuation of SPAN 141.  <b>Note:</b> Not counted toward major.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>6 Units</b></p>	<p><b>SPAN 305. Spanish Grammar in Context</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> SPAN 202 (or concurrently) or placement score of 440-650.  <b>Description:</b> Instruction and practice in the complex structural patterns of Spanish as studied in context.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>SPAN 201. Intermediate Spanish I</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> Completion of SPAN 123 or SPAN 142 or equivalent or score between 370-439 on the WebCAPE Spanish placement exam or score of 205 on the Spanish Heritage Language Test.  <b>Description:</b> Consolidation and review of language skills to improve speaking, listening, reading and writing ability. Introduction to Hispanic culture and ethnicity within a global context as revealed in film and text.  <b>Note:</b> Formerly SPAN 301.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>SPAN 310. Readings and Writing in Spanish I</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> SPAN 202 or placement score of 440-650.  <b>Description:</b> Readings from texts that discuss or embody Hispanic culture, and writing based on those readings.  <b>Note:</b> Completion of or enrollment in SPAN 305 is recommended.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>SPAN 202. Intermediate Spanish II</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> SPAN 201.  <b>Description:</b> Continuation of SPAN 201.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>SPAN 311. Cultural Readings and Writing in Spanish II</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> SPAN 305 and SPAN 310.  <b>Description:</b> Readings from texts that discuss or embody Hispanic culture, and writing based on those readings.  <b>Note:</b> Continuation of SPAN 310.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>SPAN 205. Intensive Intermediate Spanish for Heritage Learners</b>  <b>Prerequisite(s):</b> Completion of SPAN 125 or score of 205 on the Spanish Heritage Language Test.  <b>Description:</b> Designed for students from a Spanish-speaking background. An intensive intermediate level course that provides heritage learners with the opportunity to expand their proficiency for language use in a wide variety of situations.  <b>Note:</b> Credit cannot be earned for SPAN 205 and SPAN 201.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>6 Units</b></p>	<p><b>SPAN 313. Special Topics in Spanish Literature, Language, and Culture</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> SPAN 305 and SPAN 310.  <b>Description:</b> Study of an aspect of Spanish or Spanish American literature, culture and/or language.  <b>Note:</b> May be repeated once for credit.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>SPAN 260. Cultures of Latin America - AH, D2</b>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> A general introduction, taught in English, to the culture, art and history of Spanish-speaking Latin America.  <b>Note:</b> Cross-listed with ML 260.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>	<p><b>SPAN 314. Introduction to Afro-Caribbean Culture</b>  <b>Term Typically Offered:</b> Spring Even Years  <b>Prerequisite(s):</b> SPAN 305 and SPAN 310 or completion of or enrollment in SPAN 325 or 335.  <b>Description:</b> Students will learn of the history of Black identity in the Spanish-Speaking Caribbean by looking at history, music, poetry, and prose in the twentieth century.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>
<p><b>SPAN 301. Spanish Pronunciation</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> Completion of or enrollment in SPAN 202.  <b>Description:</b> An introduction in the study of Spanish phonetics with emphasis on practical exercises for improving students' pronunciation of Spanish.  For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>3 Units</b></p>		

- SPAN 320. Spanish Conversation in the Community** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** SPAN 305 and SPAN 310.  
**Description:** Intensive practice of spoken Spanish in class and in the community. Fifteen hours of service learning outside of class required.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 321. Communication and Conversation in Spanish** 3 Units  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** SPAN 305 and SPAN 310.  
**Description:** Intensive practice of spoken Spanish.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 323. Spanish for the Workplace** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** SPAN 202 or permission of instructor.  
**Description:** Business vocabulary, correspondence, practices, regulations. Cultural, political, and historical factors affecting business in Spanish-speaking countries.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 325. Bridging Linguistic Registers for Heritage Learners of Spanish** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** Completion of SPAN 205 or score of 325 on the Spanish Heritage Language Test.  
**Description:** Designed to expose heritage learners of Spanish to the functional structures of language and the wide varieties of linguistic register as means of further developing communicative skills in Spanish.  
**Note:** Credit cannot be earned for SPAN 325 and SPAN 305 or SPAN 321.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 335. Advanced Spanish for Heritage Learners** 3 Units  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Completion of SPAN 205 or score of 325 on the Spanish Heritage Language Test.  
**Description:** Designed to continue development of writing, reading, and critical thinking skills of Heritage Learners.  
**Note:** Credit cannot be earned for SPAN 335 and SPAN 310 or SPAN 311.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 401. Foundations of Spanish Civilization** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SPAN 311 and SPAN 321; or SPAN 325 and SPAN 335; or score of 400 on the Spanish Heritage Language Test.  
**Description:** Survey of Spanish civilization from prehistory to the rise of the Spanish empire, with special emphasis on the multicultural environment of medieval Iberia.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 402. Cultural and Literary Perspectives on Modern Spain** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** SPAN 311 and SPAN 321; or SPAN 325 and SPAN 335; or score of 400 on the Spanish Heritage Language Test.  
**Description:** Study of salient characteristics of modern Spanish culture and key literary movements and authors from the 17th century to the present.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 403. Foundations of Latin American Nations and Identities** 3 Units  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** SPAN 311 and SPAN 321; or SPAN 325 and SPAN 335; or score of 400 on the Spanish Heritage Language Test.  
**Description:** Development of Latin American culture, arts and literature from the Colonial Period through the 19th century.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 404. Cultural and Literary Perspectives on Modern Latin America** 3 Units  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SPAN 311 and SPAN 321; or SPAN 325 and SPAN 335; or score of 400 on the Spanish Heritage Language Test.  
**Description:** Study of the development of Latin American culture, arts, and literature from the 20th century to the present.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 405. Introduction to Literary Analysis** 3 Units  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** SPAN 311 and SPAN 321; or SPAN 325 and SPAN 335; or score of 400 on the Spanish Heritage Language Test.  
**Description:** The basic tools of textual analysis. Development of the ability to discuss literature in a critical manner through the study of its three most representative genres: fiction, poetry and drama. An introduction to basic theoretical approaches to literary texts and the technical terminology needed to articulate textual responses.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

- SPAN 422. Spanish Phonetics** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SPAN 311 and SPAN 321; and one 400-level course in Spanish (or concurrently).  
**Description:** Critical examination of articulatory phonetics and phonological processes with special emphasis on Spanish/English contrastive analysis. Introductory analysis of and practice in the Spanish sound system.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 440. Community Internship** **1-3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** SPAN 311 and SPAN 321, and permission of instructor.  
**Description:** An individually arranged internship that allows majors and minors to practice their language skills while enhancing their knowledge of culture as well as practical and critical thinking skills. Students work for a total of 80 approved hours per semester and complete accompanying academic work.  
**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 460. Advanced Spanish Skills Through Translation - WR** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** SPAN 311 and SPAN 321; and 6 hours at the 400 level in Spanish.  
**Description:** Advanced oral and written skills in Spanish, with emphasis on the translation of a wide variety of texts.  
**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 490. Spanish Capstone Seminar - CUE, WR** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** Senior standing and completion of 6 hours in Spanish at the 400 level or above.  
**Description:** In-depth examination of an area of Hispanic Studies.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 491. Undergraduate Research - WR** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Senior standing and faculty consent.  
**Description:** An intensive examination of a topical area in Hispanic Studies undertaken with a designated faculty advisor.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 499. Special Topics in Spanish Culture, Literature and Linguistics** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** SPAN 311 and SPAN 321.  
**Description:** Intense investigation of an aspect of Hispanic culture, arts, literature, and /or linguistics.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 500. Spanish Study Abroad** **1-15 Units**  
**Prerequisite(s):** Membership in a University of Louisville Language Study Abroad Program or a program approved by the department.  
**Description:** Credit awarded upon demonstration of successful completion of program undertaken with prior approval of the department, including a paper or project and an oral or written examination in the language and culture, administered under the supervision of a faculty member.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 511. Studies in Spanish Medieval Literature** **3 Units**  
**Prerequisite(s):** SPAN 311, SPAN 321, SPAN 400.  
**Description:** Special studies in the original language of selected works from the medieval period.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 513. Studies in Spanish Golden Age Literature** **3 Units**  
**Prerequisite(s):** SPAN 311, SPAN 321, SPAN 400.  
**Description:** Intensive study of significant works of the Spanish Golden Age.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 516. Literary Influences in Nineteenth-Century Spanish** **3 Units**  
**Prerequisite(s):** SPAN 311, SPAN 321, SPAN 400.  
**Description:** Study of significant writers of the Spanish Romantic, Realistic, and Naturalistic periods.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SPAN 518. Studies in Twentieth-Century Literature of Spain** **3 Units**  
**Prerequisite(s):** SPAN 311, SPAN 321, SPAN 400.  
**Description:** Study in depth of significant works of the Post-Civil War period.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 524. Introduction to Hispanic Linguistics 3 Units**

**Term Typically Offered:** Fall, Spring  
**Prerequisite(s):** SPAN 311 and SPAN 321; or SPAN 325 and SPAN 335; or score of 400 on the Spanish Heritage Language Test.

**Description:** Introduction to basic linguistic concepts, exploration of communicative strategies, and investigation of Hispanic culture and dialectology.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 527. Latin American Literature: Colonial Period through 19th Century 3 Units**

**Prerequisite(s):** SPAN 355, SPAN 403, or SPAN 404, or consent of instructor.

**Description:** Study of significant literary works from the Colonial Period through 19th century.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 528. Contemporary Spanish-American Theatre 3 Units**

**Prerequisite(s):** SPAN 355, SPAN 403, or SPAN 404, or consent of instructor.

**Description:** Major trends and authors in Spanish-American theatre since c. 1950. Critical methodology for theatre.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 529. Spanish-American Poetry 3 Units**

**Prerequisite(s):** SPAN 355, SPAN 403, or SPAN 404, or consent of instructor.

**Description:** Selected Spanish-American poets, movements and national traditions. Critical methodological theory.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 530. Spanish-American Narrative 3 Units**

**Prerequisite(s):** SPAN 355, SPAN 403 or SPAN 404 or consent of instructor.

**Description:** Selected Spanish-American novelists and short story writers, movements and national traditions. Critical methodological theory.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 544. Advanced Grammar and Stylistics 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** SPAN 311, SPAN 321, and 6 hours at the 400 level in Spanish.

**Description:** An intensive review of the more problematic aspects of Spanish grammar (including prepositions, subjunctive, conditional sentences, relative clauses, spelling, punctuation); a reflection on the nature and functions of written language; and a hands-on-workshop on achieving clarity and grace in written texts.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 554. Hispanic Culture through Film and Media 3 Units**

**Prerequisite(s):** SPAN 401, SPAN 402, SPAN 403, or SPAN 404; or consent of instructor; admission to the Spanish MA program.

**Description:** Study of specific/selected issues focusing on the Hispanic cultural milieu; its multiracial values and means of communication as manifested in the visual and print media (film, television, newspapers, documentaries, etc.)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 561. Independent Study 1-3 Units**

**Prerequisite(s):** Consent of department.

**Description:** Independent study in areas not covered in the regular curriculum.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 570. Basic Interpreting Skills 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** SPAN 311 and SPAN 321 (or SPAN 325 and SPAN 335); and 6 hours at the 400 level; or consent of instructor.

**Description:** Provides an overview of the theoretical and practical foundations of Interpreting in community settings, including legal, health, education and social settings; intensive practice in consecutive interpreting, sight translation and basic simultaneous interpreting.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAN 599. Special Topics 3 Units**

**Prerequisite(s):** Consent of instructor.

**Description:** Topics of a unique or specialized nature in Spanish language, literature or culture.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Sport Administration (SPAD)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

<p><b>SPAD 180. The Sport Spectator Experience</b> <span style="float: right;"><b>3 Units</b></span>  <b>Description:</b> This course presents an overview of the sport industry from the perspective of the fan/spectator.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SPAD 383. Sport Marketing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Admission to the College of Education and Human Development or College of Business or officially accepted as a Sport Administration minor.  <b>Description:</b> The application of the principles of promotion and marketing to the sport and fitness industry including the areas of professional sports, corporate fitness, college/high school athletics, clubs and resorts, and more.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SPAD 281. Principles of Sport Administration</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Principles and theory of administration and management as they apply to the administration and management of sport, fitness, leisure, and recreation services, and programs.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SPAD 390. Sport Governance</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> SPAD 281; and admission to the College of Education and Human Development or College of Business or officially accepted as a Sport Administration minor.  <b>Description:</b> The course is designed to provide knowledge and awareness of the rules and laws governing various sports organizations as well as participants.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SPAD 284. Issues and Ethics in Sport</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> This course will examine relevant issues and trends in sport administration.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SPAD 391. Sociology of Sport</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> SOC 320; or Sport Administration major or minor; or consent of instructor.  <b>Description:</b> Examines race, gender, social class, and other factors as they affect sport in society.  <b>Note:</b> Cross-listed with SOC 420.</p>
<p><b>SPAD 353. Sport and Film</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Summer Only  <b>Description:</b> An examination and critical analysis of sport in film.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SPAD 360. Administration of Intramural Activities</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> History, present status, objectives, units of competition, program of activities, rules and regulations, awards, and administrative problems related to administration of intramural activities.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>SPAD 401. Career Development in Sport Administration</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> SPAD 382; SPAD 383; admitted as a Sport Administration major; or consent of instructor.  <b>Description:</b> This course is designed to provide the student an orientation on the professional careers within the sport industry. The course is designed to prepare the student for an internship or full-time employment with a sport organization. This course will assist students to develop industry knowledge and professional development for a career in the sport industry. This will provide career counseling, supervised practicum and volunteer experiences and extended opportunity for students to develop their professional network.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>SPAD 369. Directed Readings in Sport Administration</b> <span style="float: right;"><b>1-3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Supervised readings pertaining to a research topic in Sport Administration.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>SPAD 382. Sport Management and Leadership</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Admission to the College of Education and Human Development or College of Business or officially accepted as a Sport Administration minor.  <b>Description:</b> This course is designed to expand the student's understanding of various management theories, research, and their application to sport organization and administration.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**SPAD 402. Internship in Sport Administration - CUE 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Admission to Sport Administration major, SPAD 401.

**Description:** An individually arranged course combining work experience with a related academic or creative project.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 403. Field Experience in Sport Administration 1-3 Units**

**Prerequisite(s):** Degree status; completion of 21 hours toward degree; completion of 6 hours of Sport Administration courses.

**Description:** Supervised practical work experience in an organization or business related to the student's academic field area of specialization or career interest.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 404. Financial Principles in Sport 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Admission to Sport Administration major or consent of instructor.

**Description:** Examines basic financial and managerial accounting concepts necessary to be financially literate in the business of sport. Analysis into the understanding of corporate annual reports in the sport industry will further equip the student with essential management tools while providing the student with an overview of the financial strengths and weaknesses of various sporting goods manufacturing companies.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 405. Sport Facility Management 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Admission to Sport Administration major or consent of instructor.

**Description:** Investigates the design and development of various athletic facilities in diverse settings. Examines corporate, community, and commercial facilities for strengths and weaknesses in design and management procedures.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 437. Data and Analytics in Sport 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to Sport Administration major or consent of instructor.

**Description:** An application of data and analytics in sport.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 445. Sport Communication 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Admission to Sport Administration major or instructor permission.

**Description:** The purpose of this course is two-fold: 1) to explore sport communication theories and how they relate to current issues and topics within the sport communication realm, particularly as they address mass media communication and the larger sport environment; and 2) to examine more practical concepts, activities, and behaviors related to sport communication and apply them to professional and collegiate sports.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 480. Athletics in Higher Education 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** Admission to Sport Administration major or consent of instructor.

**Description:** Examination of the historical development of athletics within American institutions of higher learning with an emphasis upon concept and ideas that underlie the developments and the major problems affecting contemporary intercollegiate athletics.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 489. Legal Aspects of Sport 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** Admission to Sport Administration major or consent of instructor.

**Description:** The exploration of litigation has mandated that sport administrators be able to discern potential areas of liability. This course will inform those in sport administration, athletics, physical education, and recreation of legal duties and responsibilities, legal rights, liability prevention, alternatives to litigation and actions to pursue if involved in a suit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 490. Senior Seminar in Sport Business 3 Units**

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** SPAD 382, SPAD 383, and SPAD 390; and Sport Administration major.

**Description:** Analysis of the sport industry since 1945. Emphasis on specific segments ranging from professional sport and intercollegiate athletics to the sport club industry and sporting goods.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 509. International Sport 3 Units**

**Prerequisite(s):** Junior standing or consent of instructor.

**Description:** This course is designed to examine sport from an international perspective, identifying differences in governance and social issues affecting sport managers.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 510. Entrepreneurship in Sport Business 3 Units**

**Prerequisite(s):** Junior Standing or consent of instructor.  
**Description:** This course will provide an analysis of entrepreneurship in sport and the sport industry. Emphasis will be placed on the structure and framework of entrepreneurial endeavors and the theory and practice on entrepreneurs in sport.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 521. Independent Study in Sport Administration 1-3 Units**

**Prerequisite(s):** Consent of instructor.  
**Description:** Independent examination of selected topic(s) in Sport Administration.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 524. Management of Professional Baseball 3 Units**

**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** This course is designed to examine the professional baseball segment of the sport industry from a managerial perspective, identifying the sports history, governance structures, and the social issues affecting sport managers.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 525. Sport Event Planning and Management 3 Units**

**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** This course is designed to introduce students to principles and practices of planning, funding, operating, and evaluating events within the sport industry. This course includes actual hands-on involvement with event planning and management.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 529. Women and Sport 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** An effort to understand the role of the American woman in sport. Studies concepts about women, sport, and society in contemporary and historical perspectives.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 530. Sport Promotion and Sales 3 Units**

**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** Covers the application of various promotional strategies such as advertising, direct sales, sales promotion, and publicity and examines how those strategies are integral to a sport organization's marketing plan.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 536. Sport Administration in Nonprofit Organizations 3 Units**

**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** This course provides a comprehensive introduction to the principles of management and their practical applications to sport, leisure and recreation organizations in the nonprofit sector.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 561. Special Topics in Sport Administration 3 Units**  
**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** To enable students to gain knowledge, skills, and competencies on topics related to Sport Administration. Provide advanced study on selected topics or emerging issues related to the management, administration, or culture of sport.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SPAD 571. Sport for Development and Peace 3 Units**

**Prerequisite(s):** Junior standing or consent of instructor.  
**Description:** This course will introduce students to sports for social change, often referred to as Sport for Development and Peace (SDP). Through this class, students will develop practical and theoretical knowledge of SDP by learning about key issues and concepts. The goal of the class is for students to develop an understanding of how SDP relates to their future career of choice in the sport industry.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Sustainability (SUST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

## Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

- SUST 101. Introduction to Sustainability - SB** **3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Description:** The study of sustainability is an interdisciplinary activity that examines interrelated environmental, political, economic, and social problems facing humans and society at local, regional and global scales. This course provides an introductory survey of the concepts, values, frameworks, and methodologies that contribute to understanding and responding to problems such as climate change, environmental degradation, and the issues of limited resource allocation.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SUST 201. Environmental Management** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** SUST 101.  
**Description:** This course introduces students to major environmental problems in sustainability. Students will examine the biophysical or ecological properties, manifestations, and consequences of these problems at local, regional, and global scales. The course will take particular interest in human-environment interactions, understanding the role different ecosystems and environmental processes play in human well-being, as well as how humans interact with and influence biodiversity, structure, and function of natural systems worldwide.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SUST 202. Behavioral Dimensions of Environmental Decision-Making** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SUST 101.  
**Description:** This course will examine sustainability through a behavioral lens, exploring the psychological processes, primary research methods, and behavioral solutions involved in environmentally responsible behavior and sustainability. Students will be introduced to key principles of motivation, perception, and decision-making to identify fundamental behavioral obstacles to sustainability.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SUST 301. Sustainable Built Environment - SB, D1** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SUST 101.  
**Description:** The course will explore the issues of sustainability from the perspective of the built environment, our history of construction and expansion, and buildings and how they interact with the natural environment. These issues will be explored from building specific, as well as urban system, perspectives including urban design. Further, the course will focus on identifying and implementing practices that lead to more sustainable man-made modifications of natural environment for human purposes. The course will comprise of a discussion about sustainable sources for energy, water, air, materials for human habitat design and management.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SUST 401. Independent Study Sustainability - CUE** **1-3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** SUST 101, SUST 201, SUST 301, and permission of the instructor.  
**Description:** By making arrangements with a faculty member, students can register for one to three hours of credit in SUST 401 to participate in research relevant to sustainability science or practice.  
**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SUST 402. Policy and Governance in Sustainability - WR** **3 Units**  
**Term Typically Offered:** Fall Only  
**Prerequisite(s):** SUST 101, SUST 201, and SUST 202.  
**Description:** The course will deal with policy making and governance, and explore the impacts of political economy on overall sustainability. Students will examine desired economic conditions, policies, and governance systems that may encourage adoption of best practices in sustainability, including city / county level policy making, state and federal level issues (e.g., EPA, renewable energy incentives), and grassroots political organizing.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- SUST 403. Sustainable Societal Systems** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SUST 101, SUST 201, and SUST 202.  
**Description:** This course examines sustainability problems and processes as embedded within large social-ecological systems and societal frameworks in the U.S. and globally. Students will examine topics in sustainability from a holistic systems perspective, in which "sustainability" is seen to integrate multiple actors, social systems (e.g., culture, economy, communities, and governance), environmental processes, and built / technological infrastructures at multiple scales to archive human welfare and lasting environmental prosperity (i.e., "social-ecological sustainability").  
 For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SUST 404. Sustainability Internship - CUE** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** SUST 101, SUST 201, SUST 202, SUST 301, and permission of the instructor.

**Description:** The Sustainability Internship is a culminating learning experience for students to develop critical thinking skills, synthesize lessons learned from the BA in Sustainability, and apply the knowledge to real-world projects or activities in sustainability. Typical Internship sites and clients will include: local government agencies, community-based organizations, business organizations, and university committees or partnerships.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SUST 480. Special Topics in Sustainability** **3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** Consent of instructor.

**Description:** Examination of an advanced topic related to sustainability. Topics will vary depending on instructor.  
**Note:** May be repeated for credit.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SUST 518. Urban Demography and GIS** **3 Units**

**Term Typically Offered:** Spring Only  
**Prerequisite(s):** SUST 101.

**Description:** This course will introduce students to geographic information systems (GIS) as an analytical tool with which to study urban demographic issues. The material will be geared towards students in the urban planning, public administration, and urban studies programs, with a focus on demographic data and issues frequently encountered by planners, policymakers, and policy analysts. Topics that will be covered include migration, housing and neighborhood development, segregation, and land use.

**Note:** Cross-listed with URBS 518, PLAN 618, PADM 621.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**SUST 576. Sustainable Social-Ecological Systems** **3 Units**

**Term Typically Offered:** Fall Only  
**Prerequisite(s):** SUST 101, SUST 201 or SUST 202; and SUST 301; or consent of instructor.

**Description:** The course is designed to address the social ecological frameworks for understanding and applying sustainability concepts in both theory and practice.

**Note:** Cross-listed with PLAN 676, UPA 676, and PADM 676.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Theatre Arts (TA)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any

given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

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**TA 207. Enjoyment of Theatre - AH** **3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** A survey of theatre from its origins to the present, with an emphasis on dramatic literature, and theatrical techniques. For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 224. Introduction to Acting as Communication - OC** **3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** This course is an introduction to theatre and performance as communication. Students will develop a general performance awareness and effective approaches to speaking in front of a variety of groups throughout the course. Students will demonstrate critical thinking and problem-solving by exploring the link between self and partner/audience. Additionally, students will build and grow themselves in performance and communication through ensemble building, active listening, acting exercises, and creative material development. The semester will culminate in a student-conceived, -written and -performed presentation piece.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 240. Stagecraft** **3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** An introduction to aspects of technical theatre, including theatre facilities, scenic production, and production planning. Production work is required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 241. Stagecraft II** **3 Units**

**Term Typically Offered:** Spring Only

**Description:** Continuing studies in technical theatre including: scenic production, stage properties, costume construction, stage lighting and sound mechanics, and production & stage management. Production work required.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>TA 243. Design Aesthetics - AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> This course is designed for students interested in further study into the principles, fundamentals, techniques and process of design.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 327. Acting Fundamentals: The Craft of Imagination</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Prerequisite(s):</b> TA 224.  <b>Description:</b> This course is focused on the practical application of the art and craft of acting, with emphasis on the body, voice, and actor's imagination. The course provides the beginning student with basic techniques and vocabulary through exercises, monologue, and scene work.  <b>Note:</b> It is recommended that students enrolled in this course should be enrolled in or have already taken one of the following: TA 360, TA 361, or TA 362.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 245. Costume Construction</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> This course will focus on gaining basic hands-on costume construction skills. Students will keep a binder for the entire body of work during semester to collect all notes, measurement charts, paper patterns used for construction of each project, and photos to record their final work.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 330. Directing</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> TA 321 or equivalent, and permission of instructor.  <b>Description:</b> Fundamental techniques of theatre directing, including script analysis and rehearsal methods.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 322. Acting the Black Experience - AH, D1</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> Fundamental approaches to performance developed through improvisation, call and response, rhythm and movement styles that are drawn from the black experience in America.  <b>Note:</b> Cross-listed with PAS 353.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 340. Introduction to Scene Design</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> TA 240 or faculty consent.  <b>Description:</b> Techniques of scene design, including drafting, rendering, working drawings and set models.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 324. Acting for Non-majors</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Survey of basic acting techniques, intended for students who do not anticipate careers in theatre. Does not automatically apply to theatre degree requirements.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 345. Introduction to Costume Design</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> A survey of clothing styles as they relate to the design of costumes for the stage.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 326. Cultural Diversity in Performance - D1, AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Performance and discussion of selected public and private texts written by American minority writers. Course explores what it means to be part of a culturally diverse society.  <b>Note:</b> Cross-listed with PAS 355.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 346. Stage Make-up</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Basic techniques of design and execution of makeup for the stage.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 324. Acting for Non-majors</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Survey of basic acting techniques, intended for students who do not anticipate careers in theatre. Does not automatically apply to theatre degree requirements.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 349. Introduction to Lighting Design</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Description:</b> Intensive study of modern stage lighting with emphasis on equipment and basic electricity. Production requirement.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 326. Cultural Diversity in Performance - D1, AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Performance and discussion of selected public and private texts written by American minority writers. Course explores what it means to be part of a culturally diverse society.  <b>Note:</b> Cross-listed with PAS 355.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 350. Theatre Production Practicum</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Application of technical theatre practices in Mainstage productions of UofL Theatre Arts.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>TA 351. Theatre Performance Practicum</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Application of theatrical performance techniques in mainstage productions of UofL Theatre Arts.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 361. Theatre History &amp; Script Analysis II: Renaissance-Romantic - WR</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Prerequisite(s):</b> TA 360 or TA 362.  <b>Description:</b> The development of theatre and drama from the Italian Renaissance to the rise of Realism.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p>
<p><b>TA 352. Special Topics in Theatre</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> Study of specific areas of theatre arts as announced in Schedule of Courses.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>TA 362. Theatre History &amp; Script Analysis III: Modern &amp; Contemporary - WR</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ENGL 102, ENGL 105 or equivalent.  <b>Description:</b> The third of a three-course sequence that offers a formal introduction to theatre history and dramatic literature and instills various methods of script analysis. This course will examine the development of Western drama, dramatic and aesthetic conventions, and theatrical practices from the modern to the postmodern period. Concentrating on theatre's intellectual, social, political, and artistic foundations, this course is designed to engage with dramatic literature and theory, dramaturgical methods, and theatrical practices from their historical, theatrical, social, and cultural contexts.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 353. Assistant Design Practicum</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Application of technical theatre design practices in mainstage productions of UofL Theatre Arts.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>TA 354. Theatre Design Practicum</b> <b>2 Units</b>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Application of technical theatre design practices in mainstage productions of UofL Theatre Arts.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>TA 357. Introduction to Hip-Hop Theatre - D1, WR, AH</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Fall, Summer  <b>Description:</b> Exploration of contemporary hip-hop theatre and forerunners of hip-hop culture and art—including its relationship to African-American, American multicultural postmodern styles—through discussion, reading and performance exercises.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p>	
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	
<p><b>TA 360. Theatre History &amp; Script Analysis I: Classical-Medieval - WR</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> ENGL 102 or ENGL 105 or equivalent.  <b>Description:</b> The development of theatre and drama from ancient Greece to the age of Shakespeare.  <b>Note:</b> Approved for the Arts and Sciences upper-level requirement in written communication (WR).</p>	<p><b>TA 363. African-American Women in Theatre - WR, D1, AH</b> <b>3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> This course will explore the theatrical representation of African-American women through the lens of African-American playwrights, designers and theoreticians. Course content will focus on the works of African-American women playwrights, designers and theoreticians and encourage critical discourse on the material covered. Assignments and activities will include script analyses, discussion board posts, research papers, and quizzes. Assignments are designed to strengthen critical thinking skills, encourage perspective broadening dialogue and research, and enhance your understanding of the experience of the African diaspora. (Humanities)  <b>Note:</b> Approved for the Arts &amp; Sciences upper-level requirement in written communication (WR).  <b>Note:</b> Cross-listed with PAS 350 and WGST 380.</p>
<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

- TA 365. Theatre of the African World - D2, AH** **3 Units**  
**Term Typically Offered:** Spring Odd Years  
**Description:** This course is a cross-cultural examination of theatre and performance modes of select cultural and ethnic groups within Africa and the African Diaspora. The material will focus on performance and dramatic scripts by artists from West and South Africa, East Africa, the Caribbean, and the United States. We will investigate the distinctions in the manifestations of "theatre," "drama," and "performance" in Africa and the African Diaspora by means of lectures, play readings, written responses, in-depth discussions, video screenings, student projects, and presentations. (Humanities)  
**Note:** Cross-listed with PAS 315.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 366. History of the African-American Theatre - WR, AH, D1** **3 Units**  
**Term Typically Offered:** Fall Only  
**Description:** This course will introduce students to the historical, political, and cultural milieu experienced by African Americans and their impact on theatrical expression in theatre and performance.  
**Note:** Cross-listed with PAS 356.  
**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 367. Black Dramatic Literature - D1, AH** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Description:** The primary goal of this course is to accomplish in-depth analyses of selected plays by black dramatists.  
**Note:** Cross-listed with PAS 367.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 380. Introduction to Voice & Movement** **3 Units**  
**Term Typically Offered:** Fall Odd Years  
**Description:** This course is an introduction to voice and movement for the stage and performance.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 420. Acting III** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** TA 321 or equivalent, and permission of instructor.  
**Description:** Scene study with an emphasis on world drama, period drama, and non-realistic styles.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 421. Acting IV** **3 Units**  
**Term Typically Offered:** Fall Odd Years  
**Prerequisite(s):** TA 420 or equivalent, and permission of instructor.  
**Description:** Scene study with an emphasis on expanding character range and on modern and early modern plays.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 423. Directing the Black Experience** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** TA 330 and permission of instructor.  
**Description:** Fundamentals of staging plays by dramatists of African descent from an Afrocentric perspective.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 430. Costume Craft** **3 Units**  
**Prerequisite(s):** Consent of instructor.  
**Description:** Hands-on training in techniques for constructing costumes, millinery and costume accessories.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 433. Fundamentals of Stage & Production Management** **3 Units**  
**Term Typically Offered:** Fall, Spring  
**Description:** Fundamental understanding of theatrical management structure & hierarchy. Defining the roles of Production Manager and Stage Manager in the production process. Practical application within the production process.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 440. Digital Design** **3 Units**  
**Term Typically Offered:** Fall Even Years  
**Description:** Digital Design - immersive class in the digital tools of design: Photography, Photoshop, After Effects, QLab and Projection, 3D Drafting (Vectorworks and Sketchup) and 3D Printing.  
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 450. Theatre Apprenticeship** **6 Units**  
**Grading Basis:** Pass/Fail  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Approval of department and selection by a theatre company.  
**Description:** Apprenticeship in professional or nonprofessional theatre.  
**Note:** Pass-fail.  
**Note:** Only 6 additional credits may be scheduled during the semester of apprenticeship.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- TA 451. Cooperative Internship in Theatre Arts** **1-3 Units**  
**Term Typically Offered:** Fall, Spring, Summer  
**Prerequisite(s):** Completion of at least 30 hours and GPA of at least 3.0.  
**Description:** An individually-arranged course for applying theatre or speech skills to work experience.  
**Note:** May count as an elective toward a major in Theatre Arts.
- For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>TA 455. Independent Study</b> <span style="float: right;"><b>1-3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> Minimum grade point average of 3.0 overall; minimum grade point average of 3.5 in the department, and at least 18 semester hours credit in the department.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 520. Acting Workshop</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Departmental consent.  <b>Description:</b> Practical problems in the art of acting approached in a laboratory setting.  <b>Note:</b> Meets with TA 530.  <b>Note:</b> May be repeated.</p>
<p><b>TA 460. Black Diasporic Conversations Seminar</b> <span style="float: right;"><b>1 Unit</b></span>  <b>Grading Basis:</b> Pass/Fail  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> This course will survey the work of African-American artists from the nineteenth century to present. Lectures will discuss the mapping of global blackness in contemporary black performance. We will consider the ways in which artists and scholars have worked to illuminate and complicate performances of blackness by artists of the African diasporic performing arts.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p> <p><b>TA 521. Stage Movement I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Development of physical expressiveness and agility for the stage.  <b>Note:</b> One section each semester.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 481. Voice for the Actor</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> This is a course in voice for the actor. The focus will be on the connection between body, breath, and voice, including an understanding of the basic principles of the Alexander Technique, an understanding of body, breath, and vocal anatomy/articulators, and exploration on the pedagogy of voice.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 522. Stage Movement II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Development of physical expressiveness and agility for the stage.  <b>Note:</b> One section each semester.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 484. Voice</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Even Years  <b>Description:</b> This is a course in the international Phonetic Alphabet (IPA), Dialects and Accents for the stage.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 523. Stage Speech I</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Development of voice production and articulation for the stage.  <b>Note:</b> One section each semester.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 491. Performance Concepts</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Description:</b> The student will become familiar with advanced study of the Uta Hagen, Sanford Meisner, and Michael Chekhov acting techniques.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 524. Stage Speech II</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Development of voice production and articulation for the stage.  <b>Note:</b> One section each semester.</p> <p>For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 492. Individuality in Character Building</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Prerequisite(s):</b> TA 321.  <b>Description:</b> The purpose of the course is to enable the students to begin to explore fundamental techniques in exploring how the imaginative process aids in developing character from the outside in.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 525. Advanced Studies in Acting</b> <span style="float: right;"><b>1-3 Units</b></span>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Group studies in specialized areas of actor training. Two-to-six hours of laboratory work, as announced in Schedule of Courses.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
	<p><b>TA 526. Tools for a Global Theatre</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> Cultural issues, perspectives, and approaches to theatre in various parts of the world will be addressed using both classical and contemporary texts.            For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

<p><b>TA 529. Actors Theatre of Louisville Workshop</b> <b>3 Units</b>  <b>Prerequisite(s):</b> Senior standing or faculty consent.  <b>Description:</b> Organization of commercial theatre, auditioning techniques, and employment possibilities.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 545. Topics: Costume Design</b> <b>3 Units</b>  <b>Prerequisite(s):</b> TA 345.  <b>Description:</b> Topics vary by semester, but may include: a) Advanced Costume Design, b) Costume History, c) Costume Construction, d) Sewing Techniques, e) Sketching and Rendering - Costumes, and/or f) Special Topics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 530. Directing Workshop</b> <b>3 Units</b>  <b>Prerequisite(s):</b> permission of instructor.  <b>Description:</b> Practical problems in the art of directing approached in a laboratory setting.  <b>Note:</b> Meets with TA 520.                        For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 546. Portfolio Design</b> <b>1 Unit</b>  <b>Term Typically Offered:</b> Spring Odd Years  <b>Description:</b> The course is designed for the student interested in developing a portfolio for a career in the arts. As part of this course, you will create a theatrical resume, a digital or physical portfolio, and a website to display work, resume, and contact information.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 532. Advanced Directing the Black Experience</b> <b>3 Units</b>  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> Advanced techniques for staging plays from an African-centered perspective.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 547. Advanced Black Aesthetic on Stage</b> <b>3 Units</b>  <b>Prerequisite(s):</b> Permission of instructor.  <b>Description:</b> Exploration of scenic, costume, lighting, and sound design from an Afrocentric perspective.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 533. Stage Management</b> <b>3 Units</b>  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Techniques of production management during audition, rehearsal, and performance. Practical project required.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 549. Topics: Lighting Design</b> <b>3 Units</b>  <b>Prerequisite(s):</b> TA 349.  <b>Description:</b> Topics vary by semester, but may include: a) Lighting Design, b) Advanced Lighting Design, and/or c) Special Topics                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 540. Problems in Technical Theatre</b> <b>3 Units</b>  <b>Prerequisite(s):</b> TA 241.  <b>Description:</b> Topics vary by semester, but may include: a) Welding, b) Sound Design, c) Technical Direction, and/or d) Special Topics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 550. Culminating Undergraduate Experience Practicum - CUE</b> <b>3 Units</b>  <b>Prerequisite(s):</b> 90 credit hours.  <b>Description:</b> The Theatre Arts CUE course is an independent project that demonstrates the student's ability to conceptualize, analyze, communicate and direct, design, perform, manage or otherwise take a leadership role in a work for the stage.  <b>Course Attribute(s):</b> CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.                        For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 541. Topics: Scene Design</b> <b>3 Units</b>  <b>Prerequisite(s):</b> TA 340.  <b>Description:</b> Topics vary by semester, but may include: a) Scene Design, b) Advanced Scene Design, c) Design for the Camera, d) Design for Lyric Theatre, and/or e) Special Topics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>TA 555. Special Topics in Theatre</b> <b>1-3 Units</b>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Prerequisite(s):</b> Consent of instructor.  <b>Description:</b> Advanced study of specific areas of theatre arts.  <b>Note:</b> May be repeated.                        For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>TA 543. Scenographic Techniques</b> <b>3 Units</b>  <b>Prerequisite(s):</b> TA 340.  <b>Description:</b> Topics vary by semester, but may include: a) CAD for Stage Design, b) Sketching and Rendering - Scenery, c) Scene Painting, and/or d) Special Topics.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	

**TA 557. Advanced Hip-Hop Theatre 3 Units**

**Description:** Advanced exploration of hip-hop theatre and forerunners of hip-hop culture and art—including its relationship to African-American, American multicultural and postmodern styles—through discussion, reading, research and performance exercises.

**Note:** Undergraduate credit may not be earned for both this course and TA 357.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 560. Directed Study in Theatre History 3 Units**

**Prerequisite(s):** Consent of instructor.

**Description:** Survey of theatre history and literature, supplemented with directed reading of secondary sources.

**Note:** Meets with TA 360-TA 361.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 562. Advanced Black Dramatic Literature 3 Units**

**Prerequisite(s):** Permission of instructor.

**Description:** An examination of the drama of selected African-descended writers whose work stands out as exceptional in the realm of dramatic literature. The material will be explored by means of lectures, play readings, written responses, in-depth discussion, videos, student projects and presentations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 563. Advanced African-American Women in Theatre 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Permission of instructor.

**Description:** Examines the full range of African-American women working in theatre including playwrights, performers, designers, theorists, academics, and directors. Includes examination of plays by women of African descent.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 565. Advanced Theatre of the African World 3 Units**

**Prerequisite(s):** Permission of Instructor.

**Description:** Cross-cultural examination of the drama of the African-descended playwrights in the African Diaspora.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 566. Advanced History of African-American Theatre 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Permission of instructor.

**Description:** Survey of African-American Theatre from 1820 to the present, its relationship to sociopolitical issues in America and its relationship to mainstream American theatre.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 567. Asian Theatre 3 Units**

**Prerequisite(s):** Graduate standing or permission of instructor.

**Description:** The theatre and drama of Japan, China, and other Asian nations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**TA 571. Playscript Interpretation - WR 3 Units**

**Prerequisite(s):** Permission of instructor.

**Description:** Advanced techniques of play analysis, emphasizing the theatre artist's response to text.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Urban Studies

**URBS 201. The Making of Urban Places - D1, SB 3 Units**

**Term Typically Offered:** Fall Only

**Description:** This course provides an introduction to the study of cities and urban places, through integration of the works of urban planners, sociologist, geographers, and political scientist. Topics to be covered include historical and contemporary patterns of urban growth, the social structure of cities, and suburbanization and new urbanism. The course fulfills the Cardinal Core requirement in Social & Behavioral Sciences (SB) with the U.S. Diversity credit (D1).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 202. Discover Louisville 3 Units**

**Term Typically Offered:** Spring Only

**Description:** This course will introduce students to the urban environment of Louisville, exploring the city's past, present, and future. Students will explore how the intertwining forces of politics, economics, social struggles, and cultural heritage shape the current spatial forms we see in the city today. Using Louisville as an urban laboratory, students will examine current socio-political and socioeconomic processes and connect these processes to the existing built environment.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 301. Principles of Urban Planning 3 Units**

**Term Typically Offered:** Fall Only

**Prerequisite(s):** URBS 201 and URBS 202.

**Description:** An exploration of historical and contemporary patterns in city design and development, and an introduction to the processes through which these patterns change.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 302. Foundations of Urban Administration****3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** URBS 201 and URBS 202.

**Description:** This course is an introduction to urban administration. It involves the political, legal, and managerial principles that drive the development and implementation of public policy in American cities. Scholarly writing and news coverage of current events will guide our examination of the actors, institutions, and complex relationships that define the subject. As many of these concepts are illuminated by local events, where possible we will focus on Louisville.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 401. Independent Study in Urban Studies****1-6 Units****Term Typically Offered:** Fall, Spring, Summer**Prerequisite(s):** URBS 201 and URBS 202 and at least 60 credit hours of prior work completed, and consent of program director or faculty advisor.

**Description:** This course is an independent study in an urban studies-related topic. Students interested in designing an independent study course should meet with the program director during the semester prior to that in which they propose to enroll in the course.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 404. Community Engagement - CUE****5 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** URBS 201, URBS 202, URBS 301, URBS 305, URBS 328, URBS 504 & URBS 518 and permission of department.

**Description:** Students are required to complete 90 hours in a community engagement position for an agency or organization in the Louisville area. Typical community engagement mentors and sites might include local government agencies, community nonprofit organizations, local business organizations, or university partnerships. Students must get prior approval from their faculty supervisor before enrolling. URBS 404 also entails a limited classroom lecture component which will address professional development skills, including networking, interviewing, and preparing reports and presentations.

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status., CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 504. Urban Data Analysis****3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** URBS 201, URBS 202, and Cardinal Core QR requirement.

**Description:** This course is designed to provide students with the basic analytic tools that are commonly used by professional planners and policy analysis in their daily practice, with a special emphasis on techniques for population and economic analysis. The course will instruct students in foundational statistical methods and techniques, as well as additional analytical tools, including the assumptions underlying the tools and methods and strengths and weaknesses of the tools and methods.

**Note:** Cross-listed with PLAN 604 and PADM 623.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**URBS 518. Urban Demography and GIS****3 Units****Term Typically Offered:** Spring Only**Prerequisite(s):** URBS 201, URBS 202, and completion of at least 60 credit hours of prior coursework.

**Description:** This course will introduce students to geographic information systems (GIS) as an analytical tool with which to study urban demographic issues. The material will be geared towards students in the urban planning, public administration, and urban studies programs, with a focus on demographic data and issues frequently encountered by planners, policymakers, and policy analysts. Topics that will be covered include migration, housing and neighborhood development, segregation, and land use.

**Note:** Cross-listed with SUST 518, PLAN 618, PADM 621.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Women's, Gender and Sexuality Studies (WGST)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

### Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee/>).

**WGST 199. Writing in Women's, Gender and Sexuality Studies - WC****3 Units****Term Typically Offered:** Fall Only**Prerequisite(s):** ENGL 101.**Description:** Intermediate college writing course based on the subject and methodology of women's, gender and sexuality studies.**Note:** Credit may not be earned for this course and ENGL 102.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 201. Women In American Culture - D1, AH****3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** Examination of women's experiences in 19th- and 20th-century America, focusing on issues pertaining to family, religion, economy, politics, law, race and class. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 202. Seeing Gender: Introduction to Gender in Visual Studies - AH, D1****3 Units****Term Typically Offered:** Fall, Spring**Description:** This course introduces students to the disciplines of Visual Studies and Women's, Gender and Sexuality Studies. It explores the many ways in which these fields intersect through a consideration of two primary, related concepts: the social construction of vision and its inverse, the visual construction of the social. The first highlights how humans are conditioned to see the way they do because they are social animals. The latter underscores the fact that it is equally true that social arrangements, such as gender and race, take the forms that they do because humans are seeing animals. This framework allows students to critically engage some of the central questions that have shaped both Visual Studies and Women's, Gender and Sexuality Studies. How does seeing impose itself upon the social construction of gender and other forms of identity, such as racial and sexual identity? What is the relationship between images and words, and how does that relationship affect the politics of how images are used? What are the mechanisms by which vision and visual images become gendered or racialized? Why is visual experience so fraught with anxiety and fantasy? How do visual encounters with other people (and with images and objects) inform the construction of social life as gendered and racialized?

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 203. Gender Issues in Public Dialogue - OC, D1****3 Units****Term Typically Offered:** Fall, Spring**Description:** The objective of this course is to empower students to be persuasive and effective public speakers. Students will utilize gender analytics as a tool to examine the content and structure of public dialogue. Students will practice the skills they need to be successful in today's corporate, non-profit, and government arenas. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 204. The Digital Get Down: Feminism and the Internet - D2, SB****3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** As a Cardinal Core course in Social & behavioral Sciences (SB) and Global Diversity (D2), this class is concerned with understanding how human behaviors, interactions and environments are shaped by historical, cultural, and social structures and process of stratification in U.S. and non-U.S. societies. Specifically, The Digital Get Down studies the recent history and current landscape of gender, race, sexuality, and relation to digital media.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 207. Introduction to Philosophy through Cultural Diversity - AH, D2****3 Units****Term Typically Offered:** Fall, Spring**Description:** Survey of historical canonical contributions to western philosophy juxtaposed with minority voices to understand how social, economic, and cultural situatedness affect bodies of knowledge.**Note:** Cross-listed with PHIL 207 and PAS 207.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 240. World LGBTQ+ Cinema - D2, SB****3 Units****Term Typically Offered:** Spring Only**Description:** This course examines LGBTQ+ culture around the globe through the lens of cinema.**Note:** Cross-listed with M L 240.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 300. Sex, Gender and Culture****3 Units****Term Typically Offered:** Fall, Spring, Summer**Description:** A cross-cultural perspective on the interactions among sex, gender, and culture, including feminist/gender theory, the socially-constructed aspects of biological sex, intersex and gender-non-binary, masculinity studies, sexuality, and heteronormativity, with emphasis on US and non-U.S. cultures. Course work will include independent reading and writing assignments.**Note:** Cross-listed with ANTH 309.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 301. Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies****3 Units****Term Typically Offered:** Spring Only**Description:** Course focuses on defining the field of LGBTQ studies, examining the historical and social contexts of LGBTQ communities as well as the personal, cultural, and political aspects of LGBTQ life. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

<p><b>WGST 302. LGBTQ and Applied Healthcare</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> This course provides introductory exploration of health and healthcare as it applies to the lesbian, gay, bisexual, transgender and queer community. Students will learn the foundations of inclusive healthcare and clinical skills to care for LGBTQ individuals competency, in addition to individuals born with differences of sex development (DSD; sometimes called intersex).                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>WGST 320. Women in Music: A History - AH, D1</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Addresses the historical and social contexts and social constructions of gender related to women and music, as well as the portrayal of women in musical works. Includes focus on Western art music as well as various genres of popular music.  <b>Note:</b> Cross-listed with MUH 320.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>WGST 303. Humanities and Gender - D2, AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> Analysis of sex roles as embodied in classic works of philosophy, literature, history, drama, and art in ancient, medieval, modern and contemporary times. (Humanities)  <b>Note:</b> Cross-listed with HUM 331.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>WGST 323. Queer Politics</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Spring Only  <b>Description:</b> The course examines the political organization of gays, lesbians, and transgendered persons, forms of oppression they experience, forms of political activism they utilize, and their relationship to mainstream political institutions. (Social Sciences)  <b>Note:</b> Cross-listed with POLS 323.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>WGST 312. Sociology of Women's Health</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Occasionally Offered  <b>Description:</b> Introduces key theoretical and substantive issues in the sociology of women's health and healing. Draws from feminist theories and their intersections with critical perspectives on gender, race/ethnicity, social structure, power, science and medicine. Attention to social and cultural factors in the U.S. and abroad. (Social Sciences)  <b>Note:</b> Cross-listed with SOC 343.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>WGST 324. Communication and Gender</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Description:</b> The course examines how gender identities, roles and norms have been structured within different modes of communication (e.g., interpersonal, mass media and institutional). (Social Sciences)  <b>Note:</b> Cross-listed with COMM 324.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>WGST 313. Sociology of Gender</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring  <b>Description:</b> Examines the differential status of women and men in all major social institutions and explores the structural foundations and theoretical explanations of gender inequality. (Social Sciences)  <b>Note:</b> Cross-listed with SOC 327.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>WGST 325. Women and Global Literature - AH, D2</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall, Spring, Summer  <b>Prerequisite(s):</b> ENGL 102, or ENGL 105, or WGST 199, or equivalents.  <b>Description:</b> This course examines literatures by women writers and about women subjects from non-U.S. societies, exploring a variety of literary forms in relationship to social factors such as class, race, ethnicity, religion, sexuality and/or indigeneity.  <b>Note:</b> Cross-listed with ENGL 373.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>
<p><b>WGST 316. Gender, Sexuality &amp; Law</b> <span style="float: right;"><b>3 Units</b></span>  <b>Prerequisite(s):</b> POLS 201 or instructor consent.  <b>Description:</b> This course examines how legal policy both reflects and shapes norms related to gender and sexuality, and analyzes the public policy implications of court decisions related to gender and sexuality.  <b>Note:</b> Cross-listed with POLS 316.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>	<p><b>WGST 326. Gender and Children's Literature - D1, AH</b> <span style="float: right;"><b>3 Units</b></span>  <b>Term Typically Offered:</b> Fall Only  <b>Prerequisite(s):</b> ENGL 102, or ENGL 105, or WGST 199, or equivalents.  <b>Description:</b> Examination of gender in British and North American literature for children/young adults from the late 19th century to the present with attention to the intersection of gender with common themes (e.g., heroic journey). Historical period: Post-1900. (Humanities)  <b>Note:</b> Cross-listed with ENGL 374.                      For class offerings for a specific term, refer to the Schedule of Classes (<a href="http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm">http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm</a>)</p>

**WGST 331. The History of Women, 1700 to the Present 3 Units**

**Term Typically Offered:** Fall Only

**Description:** A comparative treatment of women's changing status, including material from European and American history. (Social Sciences)

**Note:** Junior standing recommended.

**Note:** Credit may not be received for this course and HIST 324.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 332. History of Childhood in America - WR, SBH, D1 3 Units**

**Term Typically Offered:** Fall, Summer

**Description:** An analysis of the impact of socioeconomic and ideological change in the experience of children and youth from the colonial period to the present, with attention to the effects of race, class, and gender on childhood experience. (Social Sciences)

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for this course and HIST 326.

**Note:** Cross-listed with HIST 326.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 333. Women in Latin American History 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** HIST 331 or HIST 332 recommended.

**Description:** Examines the history of women and gender in Latin America, with an emphasis on women's political participation. (Social Sciences)

**Note:** Credit may not be earned for this course and HIST 333.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 337. Motherhood and the Law 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Motherhood and the Law will examine the various ways the legal system impacts and regulates mothers. Students will critically analyze the effect court decisions and laws have on mothers using an intersectional approach (as developed by Kimberle Crenshaw). The course begins with setting a theoretical framework - built on both theories of motherhood and legal analysis - and from there will study the interplay between the law and motherhood, from reproductive rights through raising their children. This course is designed to give students an understanding of how the justice system impacts mothers' lives, maintains systems of inequality, and regulates their bodies.

**Note:** Crosslisted with SOC 337.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 339. Black Women and the Criminology System 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course will examine the various ways the legal system impacts and regulates Black women. Students will critically analyze the effect court decisions and laws have on Black women using an intersectional approach of race, gender, economic class, differently abled bodies, sexual orientation, religion, and nationality. Students will first study legal standards and terminology as well as race and gender theory to develop a solid foundation on which to examine case law, constitutional standards and current events. This course is designed to give students an understanding of how the justice system impacts Black women's lives, maintains systems of inequality, and regulates their bodies. We will look at women lead the criminal justice reform movement both within and outside of the legal system.

**Note:** Cross-listed with SOC 339 and PAS 339.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 340. Women and Religion - AH, D2 3 Units**

**Term Typically Offered:** Fall Odd Years

**Description:** An historical survey of the relationship between the social-cultural roles of women and their representation in world religions.

**Note:** Cross-listed with HUM 340.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 342. Black Women Novelists - D2, AH, WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** ENGL 102 or ENGL 105.

**Description:** Selected novels by contemporary African, African-American and Caribbean women writers, in-depth and in-comparative study. Historical period: Post-1900. (Humanities)

**Note:** Cross-listed with PAS 342 and ENGL 342.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 343. Faces of Global Poverty - WR 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Persistent poverty in the Third World and specific groups in the United States. Focuses on causes, consequences, solutions and survival strategies. (Social Sciences)

**Note:** Cross-listed with PAS 392 and SOC 392.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 344. Black Lesbian Lives 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** Course focuses on black, lesbian-identified people cross-culturally, examining autobiographical accounts and visual culture within the context of LGBTQ politics and discourse. (Social Sciences).  
**Note:** Cross-listed with PAS 344.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 346. Women in Africa: Historical and Literary Perspectives 3 Units**

**Description:** Survey of the role of women in historical African societies, women under colonialism, in nationalist movements, and in modern African countries. Literature about and by women will be considered. Emphasis on African/female perspective. (Humanities)  
**Note:** A prior course in PAS or WGST is recommended.  
**Note:** Cross-listed with PAS 385.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 347. Racism and Sexism - SB, D1 3 Units**

**Term Typically Offered:** Summer Only  
**Description:** The impact of racism and sexism on marginally-oppressed communities as well as their strategies of resistance. (Social Sciences)  
**Note:** Cross-listed with PAS 364.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 348. African-American Women - WR 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Description:** Examination of the status and roles of African-American women from the slave era to contemporary times. Emphasis on migration, urbanization and labor force participation in familial contexts. (Social Sciences)  
**Note:** Cross-listed with PAS 332.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 349. Color Complex of Black Women 3 Units**

**Term Typically Offered:** Fall Even Years  
**Description:** Study of phenotypes, body image, inter-/intra-gender relationships, media influences, and social norms, from slavery to present, on the development of black female identities, using theories in psychology, sociology, and deconstruction. (Social Sciences)  
**Note:** Cross-listed with PAS 331.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 355. Women in American Politics 3 Units**

**Term Typically Offered:** Spring, Summer  
**Description:** A study of women's involvement in American politics as active political party members, as candidates for national, state, and local office, as elected officials, and as appointees to government positions at all levels. (Social Sciences)  
**Note:** Cross-listed with POLS 324.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 360. Philosophy and Feminism - D1, AH 3 Units**

**Term Typically Offered:** Fall, Spring  
**Description:** An examination of philosophical issues involved in feminism, including classical, but emphasizing contemporary discussions.  
**Note:** Cross-listed with PHIL 318.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 364. Women's Health Issues - D1, SB 3 Units**

**Term Typically Offered:** Fall, Spring  
**Description:** This course will identify a broad range of health issues that can be unique to women or of special importance to women throughout the world. The course will examine the roles women play as both providers and consumers of health care nationally and internationally. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 373. Women Writers and Filmmakers - WR 3 Units**

**Description:** Explores issues relating to women's lives in their cinematic and fictional texts from 1970's until today; emphasis on foreign language films. Texts are read in English translation; films are either subtitled or dubbed (Humanities).  
**Note:** Cross-listed with M L 365.  
**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 375. LGBTQ Literature in the United States - AH, D1 3 Units**

**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** ENGL 102, or ENGL 105, or WGST 199, or equivalent.  
**Description:** This course examines LGBTQ literature by U.S. writers and explores the portrayal of LGBTQ identities through a variety of literary forms and in relationship to social factors such as class, race, ethnicity, and/or location.  
**Note:** Cross-listed with ENGL 375.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 380. African-American Women in Theatre - D1, WR, AH 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** This course will explore the theatrical representation of African American women through the lens of African American playwrights, designers and theoreticians. Course content will focus on the works of African American women playwrights, designers and theoreticians and encourage critical discourse on the material covered. Assignments and activities will include Script Analysis, Discussion Board posts, Research Papers, and Quizzes. Assignments are designed to strengthen critical thinking skills, encourage perspective broadening dialogue and research, and enhance your understanding of the experience of the African Diaspora. (Humanities)

**Note:** Cross-listed with PAS 350 and TA 363.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 390. Topics in Women's, Gender and Sexuality Studies: Humanities 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, humanities perspective. Topics announced in Schedule of Classes. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 391. Topics in Women's, Gender and Sexuality Studies: Social Sciences 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, social sciences perspective. Topics announced in Schedule of Courses. (Social Science)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 392. Topics in Women's, Gender and Sexuality Studies: Social Sciences - WR 3 Units**

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, social sciences perspective. Topics announced in the Schedule of Courses.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 393. Topics in Women's, Gender and Sexuality Studies: Humanities - WR 3 Units**

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, humanities perspective. Topics announced in the Schedule of Courses. (Humanities)

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 394. Lectures in Women's, Gender and Sexuality Studies 1-3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** A series of three or four public lectures in Women's, Gender and Sexuality Studies - with preparatory reading, a short writing assignment and post-lecture discussion for each lecture. Students will meet in a seminar to receive assignments and discuss the lectures. (Social Sciences)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 395. Women, Media and Culture - AH, D1 3 Units**

**Term Typically Offered:** Fall, Spring

**Description:** The purpose of this course is to learn to evaluate critically how mass media communicates cultural understandings about gender, race, class and sexuality. We will consider the role of media images in supporting the social, political and economic status quo, as well as the ways media audiences consume, negotiate, and resist media messages. In addition, we will consider how changing technical, economic, and political contexts influence media representations. Through screenings, readings, discussions and writing exercises you will gain practical experience in media literacy and criticism.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 401. Community Internship 3 Units**

**Term Typically Offered:** Fall, Spring, Summer

**Prerequisite(s):** 18 hours of WGST courses; for Women's, Gender and Sexuality Studies majors only.

**Description:** Working with a Women's, Gender and Sexuality faculty member, the student will design a project based on volunteer work in a community organization related to WGST.

**Course Attribute(s):** CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 410. Black Feminism in Action 3 Units**

**Term Typically Offered:** Fall Only

**Description:** The course examines the evolution of Black Feminist consciousness in the U.S. from the 1830s to the present. (Social Sciences)

**Note:** Cross-listed with PAS 410.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 411. Psychology of Women** **3 Units**  
**Term Typically Offered:** Spring Only  
**Prerequisite(s):** PSYC 201.

**Description:** Analysis of scientific research and theory related to the psychology of women. Multiple theoretical perspectives will be considered (e.g., psychodynamic, social learning, cognitive, evolutionary, developmental). Specific topics evaluated will include: identity development, achievement, motherhood, work, family, aging, and menopause. Ethnicity, culture, and social class will be considered in the context of specific topics. (Social Sciences)

**Note:** Cross-listed with PSYC 466.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 414. Gender and Work** **3 Units**  
**Term Typically Offered:** Occasionally Offered  
**Prerequisite(s):** SOC 201 and SOC 320; or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** The structural position of gender in the workplace; examination of changes, current trends, and difference in gender socialization of work. (Social Sciences)

**Note:** Cross-listed with SOC 456.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 415. Sociology of Disabilities** **3 Units**  
**Prerequisite(s):** 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** Sociological perspectives on medicine, culture, and science are used to examine the meanings, experiences, demographics and impacts of disability in historical and contemporary social contacts. (Social Sciences)

**Note:** Cross-listed with SOC 442.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 416. Sexual Assault and the Legal System** **3 Units**  
**Term Typically Offered:** Occasionally Offered

**Description:** Sexual Assault and the Legal System is designed to give students an understanding of how rape culture impacts the justice system, and vice versa. Students will critically analyze the effect stories about sexual assault have on the legal system using an intersectional approach of race, gender, economic class, differently abled bodies, sexual orientation, religion, and nationality. Students will first study legal standards and terminology as well as critical race and feminist theory to develop a solid foundation on which to examine case law, constitutional standards and current events. (Social Science)

**Note:** Cross-listed with SOC 416.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 417. Reproductive Justice** **3 Units**  
**Term Typically Offered:** Occasionally Offered

**Description:** In this course Reproductive Justice and the Law, we will examine how the legal system impacts reproductive justice. We will break down the term reproductive justice and how it differs from reproductive rights. We will discuss the complex political, social, religious, and cultural dynamics that make reproductive justice one of the most controversial, and pressing, issues of our time. (Social Science)

**Note:** Cross-listed with SOC 417.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 418. Domestic Violence** **3 Units**  
**Term Typically Offered:** Occasionally Offered

**Description:** Our course on Domestic Violence will examine the ways the legal system shapes and enforces domestic violence law. We will examine the jurisprudence behind criminal law in general and legal foundation of domestic violence laws in particular. We will examine not only the history of domestic violence, but also the human element, studying the role of individual discretion and how neuroscience illuminates why outcomes for individuals can vary so greatly within the same legal system. We will study specific laws (e.g., mandatory arrest) and we will apply an intersectional lens to all topics discussed. This class ultimately asks if the legal system is even capable of addressing the social harm of domestic violence, and if that answer is yes, how this is to be accomplished. (Social Science)

**Note:** Cross-listed with SOC 418.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 458. Women: International Perspective** **3 Units**  
**Prerequisite(s):** SOC 201 and SOC 327; or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** Examination of major social concerns of women around the world, such as issues related to labor and slavery, sex trafficking, religion, media representation, health, education, political involvement, and violence against women.

**Note:** Cross-listed with SOC 458.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 460. Gender in the Middle East** **3 Units**  
**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** SOC 201 and SOC 327; or 9 hours at 300+ level in one social science; or consent of instructor.

**Description:** This course examines the ways in which gender shapes and is shaped by social, political, economic, and cultural processes in the Middle East.

**Note:** Cross-listed with SOC 460.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 490. Topics in Women's, Gender and Sexuality Studies: Humanities** 3 Units

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, humanities perspective. Topics announced in the schedule of courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 491. Topics in Women's, Gender and Sexuality Studies: Social Sciences** 3 Units

**Term Typically Offered:** Fall, Spring, Summer

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, social sciences perspective. Topics are announced in the Schedule of Classes. (Social Science)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 492. Topics in Women's, Gender and Sexuality Studies: Social Sciences** 3 Units

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, social sciences perspective.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 493. Topics in Women's, Gender and Sexuality Studies: Humanities - WR** 3 Units

**Description:** Focuses on a specific topic related to women, gender or sexuality from an interdisciplinary, humanities perspective.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 498. Senior Honors Thesis: Social Sciences - WR** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Restricted to Women's, Gender and Sexuality Studies majors and minors who have been admitted to departmental or college honors; permission of instructor required.

**Description:** An intensive examination from a social sciences perspective of a topical area in women's, gender or sexuality studies undertaken with a designated faculty advisor.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 499. Senior Honors Thesis: Humanities - WR** 3 Units

**Term Typically Offered:** Fall, Spring

**Prerequisite(s):** Restricted to Women's, Gender and Sexuality Studies majors and minors who have been admitted to departmental or college honors; permission of instructor required.

**Description:** An intensive examination from a humanities perspective of a topical area in women's, gender or sexuality studies, undertaken with a designated faculty advisor.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 500. Senior Seminar in Women's, Gender and Sexuality Studies: Social Sciences - WR, CUE** 3 Units

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** Senior standing or consent of instructor.

**Description:** This course is designed to deepen students' understanding of the evolution of interdisciplinary research on gender and its intersection with other structures of power and privilege. Students will investigate and critique the politics of issue-framing, question-formation, and rules of evidence that shape knowledge-production about gender and power. Students will apply gender-informed analyses to the hierarchies of difference structuring contemporary society. This course will help students become skilled analysts of the nuanced complexities of social change in diverse fields such as medicine, government, media, non-profit organizations, law, and education.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Course Attribute(s):** CUE - This course fulfills the Culminating Undergraduate Experience (CUE) requirement for certain degree programs. CUE courses are advanced-level courses intended for majors with at least 90 earned credits/senior-level status.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 508. Queer Performance** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** What constitutes queer performance? Is queer who you are or what you do? Is sexuality all we mean by queer? What are the historical, aesthetic, and political aspects of queer performance? Integral to our theoretical discussions will be questions of practice and production: Where is queer performance staged and how is it received? How is it produced, for whom, by whom, and with what funds? Is queer inherently or even necessarily radical? Within rigid Western notions of gender, the "Queer Performer," is a gender outlaw; an individual who pushed at the edges of gender, forcing us to recognize that gender has little to do with our biological sex. Their performances of their gender(s), race(s), and/or sexuality(ies) challenges our prevailing notions of what it means to be Queer and what it means to perform identity. This course will examine the artistic and aesthetic performances of various Queer Performers to foster an understanding and appreciation of the rich diversity of the forms of performance styles and practitioners that might be called "lesbian," "gay," "transgender," and "queer," among others. Secondly, it will motivate students to examine the broad social, political, religious, and cultural contexts in which queer performance takes place. Lastly, this course will allow students to contemplate what it means to be a spectator of performance through a queer perspective, regardless of one's identity, or sexual orientation.

**Note:** Cross-listed with WGST 608 and HUM 608.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 509. Women and Medicine** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** In this course we will focus on women and medicine in the United States from the early 19th century to the 21st century. We will be concerned with women as patients, caretakers, and practitioners, and the sexual and racial politics of health care.

**Note:** Cross-listed with HIST 509.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 512. Gender, Race, Work, and Welfare** **3 Units**

**Prerequisite(s):** 9 hours of social sciences course work at the 300-level or above; or consent of instructor.

**Description:** Introduction to theory and research on labor market and welfare state with focus on gender and race/ethnicity as they influence women's experiences of and ideas about work and welfare. (Social Sciences)

**Note:** Cross-listed with PAS 512 and SOC 512.

**Note:** Credit may not be earned for both WGST 512 / PAS 512 / SOC 512 and WGST 612 / PAS 612 / SOC 612.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 513. U.S. Social Justice Movements** **3 Units**

**Prerequisite(s):** Junior standing.

**Description:** Course will begin with abolitionism, then concentrate on social justice upsurges of the 20th century, with emphasis on women in the civil rights and Black liberation movements. (Social Sciences)

**Note:** Cross-listed with HIST 513, PAS 513, SCHG 513.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 520. Women's Personal Narratives** **3 Units**

**Prerequisite(s):** ENGL 102, or ENGL 105, or WGST 199, or equivalent.

**Description:** Course examines issues such as race, class, religion, geography, and sexual orientation surrounding the writing/reading of women's personal narratives (e.g., diaries, letters, autobiographies, oral histories, biographies, and films) from the 19th and 20th centuries. (Humanities)

**Note:** Cross-listed with ENGL 554.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 522. The Body in Popular Media - WR** **3 Units**

**Term Typically Offered:** Occasionally Offered

**Prerequisite(s):** One WGST course or permission of instructor.

**Description:** Examines the relationship between culture and the body, focusing on how Western philosophy, as well as gender, race and class, have constructed popular images of and attitudes toward the body. (Humanities)

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both WGST 522 (does not carry graduate credit) and WGST 622.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 523. Gender and Popular Music - WR** **3 Units**

**Description:** Course explores the way gender structures the production, distribution, and consumption of popular music, including variety of genres in the past and present, with attention to the intersectional roles of race, class, and sexuality. (Humanities).

**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 525. Art and Trauma 3 Units**

**Prerequisite(s):** ARTH 270 and ARTH 325, or permission of instructor.

**Description:** Representations of Trauma in the Visual Arts is an advanced exploratory seminar examining the changing relationships between trauma and its representation in the twentieth century. Beginning with the Holocaust, the course charts a trajectory from this most profound of collective traumas, to the refinement of clinical definitions of trauma (e.g., PTSD) in the wake of the Vietnam War, the development of trauma studies in the humanities in the 1990s, to the recent "pictorial turn" within scholarship on trauma. This historical framework will be brought to bear upon the dynamics of how trauma and visibility have been approached by scientists, scholars, and artists. Each week's reading and viewing materials will offer students an example of historical or clinical account of trauma, a secondary or applied analysis, and its artist's original work that responds to the particular traumatic event under consideration.

In this regard, students will be encouraged to negotiate the discursive relationships between history, theory, and practice.

**Note:** Cross-listed with ARTH 525.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 530. Feminism in Western Civilization, 1790-1920 - WR 3 Units**

**Description:** Comparative analysis of feminist movements in the United States, Britain, and Europe, stressing intellectual background, social composition, goals and political strategies. (Social Sciences)

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be received for WGST 530 or HIST 588 and WGST 630.

**Note:** Junior-standing recommended.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 531. Women in the Twentieth Century in Europe and the U.S. - WR 3 Units**

**Prerequisite(s):** Junior standing.

**Description:** The history of women in Western society, including Europe and the U.S. in the twentieth century. Includes political, economic, social, and cultural developments. (Social Sciences)

**Note:** Cross-listed with HIST 583.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for WGST 531/HIST 583 and WGST 631.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 532. History of American Sexualities - WR 3 Units**

**Prerequisite(s):** Junior standing.

**Description:** The course focuses on sexual behaviors and meanings in America from the colonial period to the late twentieth century and how sexual meanings impact people's identities, choices, and social positions. The course also concerns the interaction of gender, race, and class. (Social Sciences)

**Note:** HIST 211 and HIST 212 is recommended.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for this course and HIST 589.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 533. Women in 19th-Century America - WR 3 Units**

**Prerequisite(s):** ENGL 102 or ENGL 105, or the equivalent.

**Description:** Course focuses on material conditions, ideologies, and knowledge-systems that shaped American women's lives in the 19th century, with attention to race, class, and regional differences. (Social Sciences)

**Note:** Cross-listed with HIST 506.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both HIST 506 / WGST 533 and WGST 633.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 538. Woman and Sport 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** An effort to understand the role of the American woman in sport. Studies concepts about women, sport, and society in contemporary and historical perspectives. (Social Sciences)

**Note:** Cross-listed with SPAD 529.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 540. Women's Health in Africa - WR 3 Units**

**Prerequisite(s):** Senior standing.

**Description:** Examination of population growth, early marriage, family size and cultural and religious beliefs on reproductive health of contemporary African women. (Social Sciences)

**Note:** Cross-listed with PAS 562.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

**Note:** Credit may not be earned for both WGST 540/PAS 562 and WGST 640/PAS 662.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 541. Feminism and Science Fiction 3 Units****Term Typically Offered:** Occasionally Offered

**Description:** This class will examine the science fiction genre through the lens of gender and feminism. The course will develop students' critical reading, thinking, writing and presentation skills. Reading works of science fiction with and against classic readings in feminist theory, students will develop an understanding of the ways writers, particularly women writers, have worked within the genre to explore issues related to gender, race, class, and sexuality. Students will be asked to consider the ways the science fiction writers have participated in on-going dialogues within larger culture, within the SF community, and within feminism, related to gender roles, gender and sexual identity, and hegemonic social structures.

**Note:** Cross-listed with HUM 541.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 543. Black Women's Voices - WR 3 Units****Prerequisite(s):** At least 6 credit hours in Social Science or Humanities or consent of faculty.

**Description:** Global synopsis of black women's studies and social thoughts. Highlights roadblocks and bridges experienced. Captures race, gender, class and spatial dimensions. (Social Sciences)

**Note:** Cross-listed with PAS 542.**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).**Note:** Credit may not be earned for both WGST 543/PAS 542 and WGST 643/PAS 643.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 545. Southern Women: Black and White 3 Units****Term Typically Offered:** Occasionally Offered

**Description:** Course focuses on questions of identity for southern women, black and white, by contrasting stereotypes and ideals with realities for these women in the slave, Jim Crow, and modern South. (Social Sciences)

**Note:** Cross-listed with PAS 545.**Note:** Credit may not be earned for this course and WGST 645 or PAS 645.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 547. Language, Race, Class, and Gender 3 Units****Prerequisite(s):** Junior standing.

**Description:** Course investigates the intersections of linguistic behavior with questions of race, class and gender. Students will gain an understanding of the multiple characteristics of communication. (Humanities)

**Note:** Cross-listed with PAS 547.**Note:** Credit may not be earned for this course and PAS 547.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 556. Feminist Theory - WR 3 Units**

**Description:** Survey of the history and scope of the feminist tradition with emphasis upon liberal, radical, Marxist, socialist, psychoanalytic, and postmodern approaches to feminist theory. (Social Sciences)

**Note:** Cross-listed with POLS 568.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).**Note:** Credit may not be earned for both WGST 556/POLS 568 and WGST 656/POLS 668.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 558. Women in Developing Countries - WR 3 Units**

**Description:** Follows the progress of the international women's movement by focusing on the emergence of women leaders and their work in developing countries since the First World Conference on Women, 1975 to the present. (Social Sciences)

**Note:** Cross-listed with POLS 563.**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 560. Feminist Philosophical Literature 3 Units****Prerequisite(s):** Junior standing.

**Description:** Examination of central works by feminist philosophers in such sub-disciplines as ethics, political philosophy, and epistemology. (Humanities)

**Note:** Cross-listed with PHIL 518.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 571. Francophone Women Writers - WR 3 Units****Prerequisite(s):** Faculty consent.

**Description:** Readings of literary and non-literary texts by women of the French-speaking world. (Humanities)

**Note:** Cross-listed with M L 506.**Note:** Approved for the Arts & Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 582. Gender, Race and Culture in Health Care 3 Units****Prerequisite(s):** A Philosophy course at 300-level or above, or consent of instructor.

**Description:** Examines ways social groupings and systems affect the kind of health care needed and the kind people receive. Addresses both biases and stereotypes, and empirical claims about biologically-based differences.

**Note:** Cross-listed with PHIL 582.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 584. Women in East Asian History 3 Units**

**Description:** The history of women in China from ancient times to the twentieth century, with comparisons to women's experiences in Japan, Korea, and Vietnam. (Social Sciences)

**Note:** Cross-listed with HIST 584.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 589. Independent Study: Women's, Gender and Sexuality Studies-Humanities 1-3 Units**

**Prerequisite(s):** Restricted to students who have a 3.0 cumulative GPA and have completed a minimum of 12 hours in WGST courses; permission of instructor.

**Description:** Provides opportunity for a student to do advanced interdisciplinary, humanities work on a Women's, Gender and Sexuality Studies topic.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 590. Independent Study: Women's, Gender and Sexuality Studies-Social Sciences 1-3 Units**

**Prerequisite(s):** Restricted to students who have a 3.0 cumulative GPA and have completed a minimum of 12 hours in WGST courses; permission of instructor.

**Description:** Provides opportunity for a student to do advanced interdisciplinary, social sciences work on a Women's, Gender and Sexuality Studies topic. Topics announced in Schedule of Courses.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 591. Topics in Women's, Gender and Sexuality Studies: Social Sciences 3 Units**

**Term Typically Offered:** Occasionally Offered

**Description:** Provides advanced study of a special topic related to women, gender or sexuality from an interdisciplinary, social sciences perspective. Topics announced in Schedule of Courses. (Social Science)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 592. Topics in Women's, Gender and Sexuality Studies: Social Sciences - WR 3 Units**

**Description:** Provides advanced study of a special topic related to women, gender or sexuality from an interdisciplinary, social sciences perspective. Topics announced in Schedule of Courses.

**Note:** Approved for the Arts and Sciences upper-level requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 593. Topics in Women's, Gender and Sexuality Studies: Humanities 3 Units**

**Description:** Provides advanced study of a special topic related to women, gender or sexuality from an interdisciplinary, humanities perspective. Topics announced in Schedule of Courses. (Humanities)

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

**WGST 594. Topics in Women's, Gender and Sexuality Studies: Humanities - WR 3 Units**

**Description:** Provides advanced study of a special topic related to women, gender or sexuality from an interdisciplinary, humanities perspective. Topics announced in Schedule of Courses.

**Note:** Approved for the General Education requirement in written communication (WR).

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

## Undergraduate Catalog Archive



## Archived Catalogs

Requests for information from Academic Catalogs published prior to the 2009-10 academic year can be directed to the Registrar's Office by phone at 502-852-6522 or via email to [regoff@louisville.edu](mailto:regoff@louisville.edu).

The following catalogs contain descriptions of the various policies, graduate programs, degree requirements, and related matters intended to be in effect at the University of Louisville for the indicated catalog year.

- 2020-21 Undergraduate Catalog (<https://catalog.louisville.edu/archive/2020-2021/>) (web)
- 2020-21 Undergraduate Catalog ([http://catalog.louisville.edu/undergraduate/archive/Undergraduate\\_Academic\\_Catalog\\_Summer\\_2020\\_-\\_Spring\\_2021\\_.pdf](http://catalog.louisville.edu/undergraduate/archive/Undergraduate_Academic_Catalog_Summer_2020_-_Spring_2021_.pdf)) (PDF)
- 2019-20 Undergraduate Catalog (<https://catalog.louisville.edu/archive/2019-2020/>) (web)
- 2019-20 Undergraduate Catalog ([http://catalog.louisville.edu/undergraduate/archive/University\\_of\\_Louisville\\_UG\\_Catalog\\_2019-2020.pdf](http://catalog.louisville.edu/undergraduate/archive/University_of_Louisville_UG_Catalog_2019-2020.pdf)) (PDF)
- 2018-19 Undergraduate Catalog (<https://catalog.louisville.edu/archive/2018-19/>) (web)
- 2018-19 Undergraduate Catalog ([http://catalog.louisville.edu/undergraduate/archive/2018-2019\\_ugrad.pdf](http://catalog.louisville.edu/undergraduate/archive/2018-2019_ugrad.pdf)) (PDF)

Archived catalogs prior to 2018-19 are available as PDFs only:

- 2017-18 Undergraduate Catalog (<http://catalog.louisville.edu/undergraduate/archive/17-18-catalog.pdf>)

- 2016-17 Undergraduate Catalog ([http://catalog.louisville.edu/undergraduate/archive/16\\_17\\_catalog.pdf](http://catalog.louisville.edu/undergraduate/archive/16_17_catalog.pdf))
- 2015-16 Undergraduate Catalog ([http://catalog.louisville.edu/undergraduate/archive/15\\_16\\_catalog.pdf](http://catalog.louisville.edu/undergraduate/archive/15_16_catalog.pdf))
- 2014-15 Undergraduate Catalog (<http://catalog.louisville.edu/undergraduate/archive/2014-2015-catalog.pdf>)
- 2013-14 Undergraduate Catalog (<http://catalog.louisville.edu/undergraduate/archive/13-14-catalog.pdf>)
- 2012-13 Undergraduate Catalog (<http://catalog.louisville.edu/undergraduate/archive/12-13-catalog.pdf>)
- 2011-12 Undergraduate Catalog (<http://catalog.louisville.edu/undergraduate/archive/catalog-full11-12.pdf>)
- 2010-11 Undergraduate Catalog ([http://catalog.louisville.edu/undergraduate/archive/2010\\_2011ugcat.pdf](http://catalog.louisville.edu/undergraduate/archive/2010_2011ugcat.pdf))
- 2009-10 Undergraduate Catalog (<http://catalog.louisville.edu/undergraduate/archive/09-10-catalog.pdf>)

The archived University of Louisville Undergraduate Catalog PDFs work best with the free Adobe Reader. Get the latest version of Adobe Reader » (<http://www.adobe.com>).

Printing Tip: Right-click on the section title in the Bookmarks menu (left) of the PDF and click "Print Page(s)" to print only that section. You can also enter the page range in the "Pages to Print" section of the Print dialog.

# INDEX

## A

About the University of Louisville .....	6
Academic Advising .....	53
Academic Calendar .....	7
Academic Forgiveness .....	66
Academic Freedom .....	9
Academic Fresh Start .....	66
Academic Grievances .....	82
Academic Standing .....	67
Academic Support .....	38
Academic Unit Information .....	85
Accountancy (BSBA) .....	117
Accounting .....	513
Accounting (ACCT) .....	554
Actuarial Mathematics (Minor) .....	476
Admission .....	16
Admission to the College of Arts and Sciences .....	20
Admission to the College of Business .....	23
Admission to the College of Education and Human Development .....	26
Admission to the Dental Hygiene Program .....	25
Admission to the J.B. Speed School of Engineering .....	37
Admission to the Kent School of Social Work and Family Science .....	28
Admission to the School of Music .....	30
Admission to the School of Nursing .....	33
Admission to the School of Public Health and Information Sciences .....	36
Aerospace Studies (AIRS) .....	557
Aerospace Studies (Minor) .....	477
Alternative Coursework .....	54
American Sign Language (ASL) .....	559
American Sign Language Interpreting Studies (BS) .....	119
Americans with Disabilities Act .....	9
Anatomical Sciences & Neurobiology (ASNBS) .....	560
Anthropology (ANTH) .....	562
Anthropology (BA) .....	121
Anthropology (BS) .....	125
Anthropology, Socio-Cultural (Minor) .....	477
Arabic (ARAB) .....	574
Arabic (Minor) .....	478
Archaeology (Minor) .....	478
Art - Fine Art (BFA) .....	130

Art (BA) .....	127
Art History (ARTH) .....	586
Art History (BA) .....	136
Art History (Minor) .....	479
Art (Minor) .....	478
Art (Studio) (ART) .....	575
Asian Studies (AST) .....	593
Asian Studies (BA) .....	139
Asian Studies (Minor) .....	479
Atmospheric Physics (Minor) .....	480
Atmospheric Science (BS) .....	142
Auditing Courses .....	58

## B

Biochemistry (BIOC) .....	596
Bioengineering (BE) .....	597
Bioengineering (BS) .....	144
Biology (BA) .....	147
Biology (BIOL) .....	600
Biology (BS) .....	150
Biology (Minor) .....	480
Black Performance Studies (Minor) .....	481
Business Administration (BBA) .....	155
Business Administration (Minor) .....	481
Business (BUS) .....	610
Business Economics (BS) .....	157
Business Statistics (BSTA) .....	611

## C

Campus Culture / Business (CAMP) .....	612
Campus Maps .....	38
Catalog Year .....	73
Chemical Engineering (BS) .....	159
Chemical Engineering (CHE) .....	612
Chemistry (BA) .....	163
Chemistry (BS) .....	165
Chemistry (CHEM) .....	616
Chemistry (Minor) .....	482
Chinese (CHNS) .....	621
Chinese (Minor) .....	482
Chinese Studies (CHST) .....	622
Chinese Studies (Minor) .....	482
Civil & Environmental Engineering (CEE) .....	623
Civil Engineering (BS) .....	171

Class Attendance .....	70	Economics (BA) .....	212
Classical Studies (Minor) .....	483	Economics (ECON) .....	660
Classification of Students .....	82	Economics (Minor) .....	486
Code of Student Conduct .....	82	Education: Advanced Practitioner (EDAP) .....	665
Code of Student Rights and Responsibilities .....	83	Education: Teacher Preparation (EDTP) .....	683
College of Arts and Sciences .....	85	Education: Leadership, Evaluation & Org. Development (LEAD/ELFH) ..	667
College of Business .....	90	Education: Special Education (EDSP) .....	677
College of Education and Human Development .....	93	Educational & Counseling Psychology (ECPY) .....	690
Commercial Law (CLAW) .....	627	Electrical & Computer Engineering (ECE) .....	692
Communication (BA) .....	173	Electrical Engineering (BS) .....	214
Communication (BS) .....	176	Engineering Fundamentals (ENGR) .....	699
Communication (COMM) .....	628	Engineering Management (EM) .....	701
Communication (Minor) .....	483	English (BA) .....	218
Communicative Disorders (CMDS) .....	636	English Creative Writing (Minor) .....	487
Community Health (Minor) .....	483	English (ENGL) .....	701
Computer Engineering (Minor) .....	484	English Literature (Minor) .....	487
Computer Information Systems (BSBA) .....	179	English Professional and Public Writing (Minor) .....	487
Computer Information Systems (CIS) .....	643	Entrepreneurship (ENTR) .....	714
Computer Information Systems (Minor) .....	484	Entrepreneurship (Minor) .....	488
Computer Science & Engineering (CSE) .....	638	Environmental Analysis (Minor) .....	488
Computer Science and Engineering (BS) .....	186	Environmental Health (Minor) .....	488
Computer Science (BA) .....	184	Epidemiology (Minor) .....	489
Computer Science (Minor) .....	485	Equine Administration (EQIN) .....	715
Continuing Studies .....	95	Equine Business .....	514
Course Load .....	59	Equine Business (BSBA) .....	222
Course Registration Policies .....	50	Equine Business (Minor) .....	489
Criminal Justice (BS) .....	188	Ethics .....	514
Criminal Justice (CJ) .....	650	Exercise Physiology (EXP) .....	718
Criminal Justice (Minor) .....	485	Exercise Science (Minor) .....	490
Criminal Justice with a 3+3 Track to Law (BS) .....	192	<b>F</b>	
Criminalistics & Criminology (CC) .....	657	Faculty .....	522
Critical & Curatorial Studies (CCS) .....	657	Film Studies and Production (Minor) .....	490
<b>D</b>		Final Examinations .....	70
Data Analytics (Minor) .....	485	Finance (BSBA) .....	225
Deaf Studies (Minor) .....	486	Finance (FIN) .....	718
Dean's List and Scholars .....	70	Finance (Minor) .....	490
Dental Hygiene (BS) .....	195	Financial Information .....	47
Dental Hygiene Education (DHED) .....	658	Forensic Anthropology (Minor) .....	491
Diversity and Inequality (Minor) .....	486	French (BA) .....	227
Drug-Free Schools and Campuses .....	10	French (FREN) .....	722
<b>E</b>		French (Minor) .....	491
Early Elementary Education (BS) .....	198		

**G**

General Education: Cardinal Core ..... 73

General Studies (GEN) ..... 726

Geography, Applied (BS) ..... 229

Geography (GEOG) ..... 727

Geography (Minor) ..... 491

Geosciences (GEOS) ..... 733

Geospatial Technologies, Applied ..... 515

German (GER) ..... 735

German (Minor) ..... 492

Global Public Health (GLPH) ..... 737

Global Public Health (Minor) ..... 492

Grading ..... 71

Graduate Programs and Professional Study ..... 520

Graduation and Degree Requirements ..... 76

Graduation Policies ..... 72

Graduation with Academic Honors ..... 78

Greek (GR) ..... 738

**H**

Health & Sport Sciences (HSS) ..... 739

Health and Human Performance (BS) ..... 235

Health, Medicine and Well-Being (Minor) ..... 493

Healthcare Leadership ..... 515

Healthcare Leadership (Minor) ..... 493

Healthcare Management (Minor) ..... 494

Hebrew (HEBR) ..... 751

History (BA) ..... 240

History (HIST) ..... 752

History (Minor) ..... 494

History of the University ..... 12

History with 3+3 Track to Law (BA) ..... 244

Honors (HON) ..... 766

Human Resource Leadership ..... 516

Humanities (BA) ..... 247

Humanities (HUM) ..... 769

Humanities (Minor) ..... 495

**I**

Incompletes ..... 71

Individualized Major (Liberal Studies) (BA) ..... 252

Industrial Engineering (BS) ..... 254

Industrial Engineering (IE) ..... 778

Institutional and Professional Accreditation ..... 13

International Business (Minor) ..... 495

Interpreter Training (ITP) ..... 781

Italian (ITAL) ..... 784

Italian (Minor) ..... 496

**J**

J.B. Speed School of Engineering ..... 96

Japanese Language (JAPN) ..... 785

Japanese (Minor) ..... 496

Japanese Studies (JPST) ..... 786

Jewish Studies (Minor) ..... 496

Justice Administration (JA) ..... 786

**L**

Latin American & Latino Studies (LALS) ..... 788

Latin American and Latino Studies (BA) ..... 257

Latin American and Latino Studies (Minor) ..... 497

Latin (LAT) ..... 787

Leadership ..... 15

Leadership and Talent Development (Minor) ..... 499

Leadership (Minor) ..... 498

LGBTQ Health Studies ..... 517

LGBTQ Studies (Minor) ..... 500

Liberal Studies (LBST) ..... 789

Linguistics (LING) ..... 789

Linguistics (Minor) ..... 500

**M**

Majors ..... 115

Management (BSBA) ..... 260

Management (MGMT) ..... 792

Management (Minor) ..... 501

Marketing (BSBA) ..... 262

Marketing (Minor) ..... 501

Marketing (MKT) ..... 798

Math/Pathways (MAT) ..... 801

Mathematics (BA) ..... 265

Mathematics (BS) ..... 267

Mathematics (MATH) ..... 802

Mathematics (Minor) ..... 502

Mechanical Engineering (BS) ..... 271

Mechanical Engineering (ME) ..... 807

Middle East and Islamic Studies (Minor) ..... 502

Middle/Secondary Education (BS) ..... 274

Military Science (MILS) ..... 812

Minors .....	475	Pharmacology & Toxicology (PHTX) .....	872
Mission Statement .....	15	Philosophy (BA) .....	398
Modern Languages (M L) .....	814	Philosophy (Minor) .....	504
Music and New Media (BA) .....	292	Philosophy (PHIL) .....	873
Music and New Media (Minor) .....	503	Philosophy, Politics, & Economics (PPE) .....	879
Music Composition (BM) .....	295	Philosophy, Politics, and Economics (Minor) .....	505
Music Education (BM) .....	298	Physics & Astronomy (PHYS) .....	879
Music Education (MUED) .....	842	Physics (BA) .....	405
Music Education (MUSE) .....	845	Physics (BS) .....	407
Music Education, Pre-Certification (BM) .....	322	Physics (Minor) .....	505
Music, General (BA) .....	344	Physiology (PHZB) .....	885
Music History (BM) .....	347	Planning (PLAN) .....	885
Music History (MUH) .....	845	Police Executive Leadership Development .....	519
Music, Instrumental Performance (BM) .....	350	Political Science (BA) .....	412
Music, Jazz Performance (BM) .....	352	Political Science (BS) .....	417
Music, Jazz Studies (BA) .....	356	Political Science (Minor) .....	506
Music (Minor) .....	503	Political Science (POLS) .....	886
Music (MUS) .....	818	Portuguese (PORT) .....	895
Music, Organ Performance (BM) .....	360	Programs of Study .....	111
Music, Piano Performance (BM) .....	362	Psychology (BA) .....	419
Music Theory (BM) .....	366	Psychology (BS) .....	422
Music Therapy (BM) .....	369	Psychology (Minor) .....	506
Music Therapy (MUTH) .....	848	Psychology (PSYC) .....	896
Music, Vocal Performance (BM) .....	376	Public Administration (PADM) .....	905
<b>N</b>		Public Health (BA) .....	424
Neuroscience (BS) .....	379	Public Health, Biostatistics (PHST) .....	907
Nursing (NURS) .....	850	Public Health (BS) .....	430
Nursing, Pre-Licensure Program (BSN) .....	383	Public Health, Environmental Health (PHEH) .....	911
Nursing (RN-BSN Program) (BSN) .....	381	Public Health, Epidemiology (PHEP) .....	905
<b>O</b>		Public Health, Health Promotion & Behavioral Science (PHPB) .....	909
Organizational Leadership and Learning (BS) .....	386	Public Health, Management Systems Sciences (PHMS) .....	912
Organizational Leadership and Learning, Track in Healthcare Leadership (BS) .....	389	Public Health (Minor) .....	506
<b>P</b>		Public Health Nutrition (Minor) .....	507
Pan-African Studies (BA) .....	390	Public Health, Public Health (PHPH) .....	913
Pan-African Studies (BS) .....	394	<b>R</b>	
Pan-African Studies (Minor) .....	504	Race/Gender Studies (Minor) .....	507
Pan-African Studies (PAS) .....	859	Raymond A. Kent School of Social Work and Family Science .....	101
Pass/Fail .....	60	Registration .....	60
Peace, Justice & Conflict Transformation (PEAC) .....	871	Religious Days and Observances .....	84
Peace, Justice, and Conflict Resolution (Minor) .....	504	Religious Studies (Minor) .....	508
Peace, Justice, and Conflict Transformation .....	517	Repeating Courses .....	61
		Residency Requirements .....	80

Russian (RUSS) .....	915
Russian Studies (Minor) .....	509

**S**

School of Dentistry .....	103
School of Music .....	105
School of Nursing .....	107
School of Public Health and Information Sciences .....	110
Social Change (Minor) .....	509
Social Change (SCHG) .....	917
Social Work (BSW) .....	436
Social Work (SW) .....	919
Sociology (BA) .....	439
Sociology (BS) .....	446
Sociology (Minor) .....	509
Sociology of Culture (Minor) .....	510
Sociology (SOC) .....	924
Spanish (BA) .....	451
Spanish (Minor) .....	510
Spanish (SPAN) .....	931
Sport Administration (BS) .....	454
Sport Administration (Minor) .....	511
Sport Administration (SPAD) .....	935
Statistics and Data Science, Applied (Minor) .....	511
Student Records .....	84
Student Records, Rights and Responsibilities .....	80
Student Resources .....	41
Student Success Policies .....	63
Sustainability (BA) .....	456
Sustainability (SUST) .....	938

**T**

Theatre Arts (BS) .....	459
Theatre Arts (Minor) .....	512
Theatre Arts (TA) .....	940

**U**

Undergraduate .....	6
Undergraduate and Graduate Courses .....	61
Undergraduate Catalog Archive .....	958
Undergraduate Certificates .....	513
Undergraduate Courses A-Z .....	552
University-Wide Academic Policies .....	49
Urban and Regional Analysis (Minor) .....	512
Urban Studies (BS) .....	461

Urban Studies (URBS) .....	946
----------------------------	-----

**W**

Withdrawals .....	62
Women's, Gender & Sexuality Studies (WGST) .....	947
Women's, Gender and Sexuality Studies (BA) .....	464
Women's, Gender and Sexuality Studies (BS) .....	471
Women's, Gender and Sexuality Studies (Minor) .....	512
Women's, Gender and Sexuality Studies with a 3+3 Track to Law (BA) ..	468