MATHEMATICS (BS)



This program was approved for students entering the university in the Summer 2025-Spring 2026 catalog year. For more information about catalog year, go to Catalog Year Information (https://catalog.louisville.edu/undergraduate/university-wide-unit-specific-policies/catalog-year/).

Bachelor of Science in Mathematics

Unit: College of Arts and Sciences (http://www.louisville.edu/a-s/) (AS) Department: Mathematics (https://louisville.edu/math/) 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
	Education Requirements (https://catalog.louisville.ed duate/general-education-requirements/) ¹	du/ 31
`	hours of General Education requirements may be sat gh coursework required by the degree program)	isfied
College/S	School Requirements ¹	13-15
Program/	/Major Requirements ¹	51
Supportin	ng Courses ¹	24-26
Minimum	n Total Hours	121

Track in Actuarial Science

Code T	îtle	Hours
	Requirements (https://catalog.louisville.edu/ eral-education-requirements/) ¹	31
	ral Education requirements may be satisfied required by the degree program)	
College/School Req	uirements ¹	13-15
Track Requirements	1	45
Supporting Courses	3	30-33
Minimum Total Hou	rs	121-122

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/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 BS/MA take <u>9-12 credit hours (depending on the graduate option selected)</u> as an undergraduate that apply toward both the the bachelor's degree and the 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.

Undergraduate students interested in participating in an accelerated dual bachelor's/master's degree offered through the Soaring Scholar program (https://graduate.louisville.edu/academics/programs/soaring/) must first meet with their Academic Advisor and be accepted into the program. Once accepted, students will receive an official admission letter outlining program policies and details. They will then work with their department and academic advisor to register for classes each semester, ensuring they meet the milestones and academic progress requirements of the Soaring Scholar program.

A Soaring Scholar student is considered an undergraduate until their bachelor's degree is conferred. In their final undergraduate semester, they are expected to apply for admission to their respective master's program.

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 nonthesis 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

Hours



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 Change Major Request form can be found under the Academic Progress tile on ULink.

Admission and Application to the Accelerated BS/MA Option in **Mathematics**

Students interested in applying to the Accelerated BS/MA in Mathematics should follow the application process outlined in the Soaring Scholars application checklist (URL here).

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. In addition applicants must meet the minimum requirements of the Soaring Scholars program listed in the application checklist (url here)

Admission to a Soaring Scholar program does not guarantee admission into the associated master's degree program. Soaring Scholar students must apply to the associated graduate program in their last semester, before graduating with the bachelor's degree, to be considered for the Accelerated Master's graduate program. They must meet all the requirements for admission to the graduate program at the time of application to be admitted. Learn more about the admission requirements for the MA in Mathematics at Mathematics (MA) | University of Louisville Academic Catalogs (https://catalog.louisville.edu/graduate/programsstudy/master-arts-mathematics/)

Canaral Education Denuirements

General Education Requirements			
Code	Title	Hours	
	n Requirements (https://catalog.louisville.edu/ eneral-education-requirements/) ¹	31	
_	courses are required by the program and satisfy th eral Education Requirement(s):	е	
MATH 205	Calculus I - QR (https://catalog.louisville.edu/undergraduate/general-education-requirements/))	
PHYS 298	Introductory Mechanics, Heat and Sound - S (https://catalog.louisville.edu/undergraduate/general-education-requirements/)		
or CHEM 201General Chemistry I - S (https://catalog.louisville undergraduate/general-education-requirements/			
or BIOL 240	Unity of Life - S (https://catalog.louisville.edu/undergraduate/general-education-requirements/))	
PHYS 295	Introductory Laboratories I - SL (https://catalog.louisville.edu/undergraduate/general-education-requirements/)		
or CHEM 20	7Introduction to Chemical Analysis I - SL (https://catalog.louisville.edu/undergraduate/general-education-requirements/)		
or BIOL 241	Experimental Biology I: Molecules and Cells - SL (https://catalog.louisville.edu/undergraduate/ge education-requirements/)	neral-	

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

9	•	
Code	Title	Hours
Arts & Sciences R	Requirements	
GEN 100	Student Success Center First Year Experience	1
or GEN 101	Arts & Sciences First Year Experience	
Foreign Language	e ²	6-8
Electives in Huma	anities or Social Sciences, at the 300 level or above	e ³ 6
WR-two approve	d courses at the 300 level or above ⁴	
Minimum Total H	ours	13-15

Program/Major Requirements

Title

Code

Course requirements for the track in Actuarial Science can be found on the Track Requirements tab.

Code	litle	Hours
Mathematics De	epartment ^{5,6}	
MATH 205	Calculus I - QR (https://catalog.louisville.edu/ undergraduate/general-education-requirements	/) ⁷ 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 (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	3
MATH 502	Introduction to Analysis II	3
MATH 521	Modern Algebra I - CUE (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	3
MATH 522	Modern Algebra II	3
MATH 561	Probability	3
Select four cour	ses from the following:	12
MATH 360	Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	
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 562	Mathematical Statistics	



MATH 581	Introduction to Graph Theory	
/linimum Total I	Hours	51
Code		lours
Supporting Cour		
Select one of the	e following sequences: ⁷	8-10
Sequence On		
PHYS 298	Introductory Mechanics, Heat and Sound - S (https://catalog.louisville.edu/undergraduate/ general-education-requirements/)	
PHYS 299	Introductory Electricity, Magnetism and Light	
PHYS 295	Introductory Laboratories I - SL (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	
PHYS 296	Introductory Laboratories II - SL (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	
Sequence Tw	0:	
CHEM 201	General Chemistry I - S (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	
CHEM 202	General Chemistry II - S (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	
CHEM 207	Introduction to Chemical Analysis I - SL (https://catalog.louisville.edu/undergraduate/generaleducation-requirements/)	
CHEM 208	Introduction to Chemical Analysis II - SL (https://catalog.louisville.edu/undergraduate/generaleducation-requirements/)	
CHEM 209	Introduction to Chemical Analysis III	
Sequence Th	ree:	
BIOL 240	Unity of Life - S (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	
BIOL 241	Experimental Biology I: Molecules and Cells - SL (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	
BIOL 242	Diversity of Life - S (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	
BIOL 243	Experimental Biology II: Organismal Biology - SL (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	
Sequence For	ur. select three courses from the following	
CIS 310	Database Design	
CIS 343	Analytics Programming	
CIS 344	Data Analytics	
CIS 445	Machine Learning	
CIS 450	Special Topics in Data Analytics	
Sequence Fiv	e:	
PHST 310	Applied Statistical Regression Models	
PHST 421	Statistical Computing in R	
PHST 520	Statistical Computing and Data Management with SAS	
Elective in secor	nd science discipline ⁷	;
CSE 130	Introduction to C and C++ Programming Languages	;

Minimum Total Hours	24-26
Minimum Electives ¹⁰	5-9
Elective in Natural Sciences (other than Mathematics) 9	3

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.

Students in the Accelerated BS/MA program must register for 9 hours of courses numbered 500 or higher at the graduate level.

Program/Major requirements and Supporting Courses for Track in Actuarial Science are articulated on the Track Requirements tab.

Code	Title	Hours
Culminating Under	ergraduate Experience (Graduation requirement)	

Requirement fulfilled by completing:

MATH 501 Introduction to Analysis I - CUE (https://catalog.louisville.edu/undergraduate/general-education-requirements/)

or MATH 521Modern Algebra I - CUE (https://catalog.louisville.edu/ undergraduate/general-education-requirements/)

- Ten (10) hours of General Education requirements (Quantitative Reasoning and Natural Sciences) are met with requirements in the major or supporting coursework.
- 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
- 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.
- ⁸ Or another computer related course chosen in consultation with the departmental advisor
- 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
Mathematics De	partment ^{1,2}	
MATH 205	Calculus I - QR (https://catalog.louisville.edu/ undergraduate/general-education-requirements/	3 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 360	Statistical Data Analysis - WR (https://catalog.louisville.edu/undergraduate/general-	3
	education-requirements/)	
MATH 372	Theory of Interest	3
MATH 387	Discrete Mathematics	3
MATH 405	Differential Equations	3
MATH 501	Introduction to Analysis I - CUE (https://	3
	catalog.louisville.edu/undergraduate/general- education-requirements/)	
MATH 561	Probability	3
MATH 562	Mathematical Statistics	3
MATH 570	Foundations of Actuarial Science	3
MATH 521	Modern Algebra I - CUE (https:// catalog.louisville.edu/undergraduate/general- education-requirements/)	3
or MATH 573	Actuarial Models I	
Minimum Total Ho	ours	45
Code	Title	Hours
Supporting Cours	es following sequences: ³	4-5
		4-5
Sequence One: PHYS 298	Introductory Mechanics, Heat and Sound - S	
FH13 290	(https://catalog.louisville.edu/undergraduate/	
	general-education-requirements/)	
PHYS 295	Introductory Laboratories I - SL (https://	
	catalog.louisville.edu/undergraduate/general-	
	education-requirements/)	
Sequence Two		
CHEM 201	General Chemistry I - S (https://catalog.louisville.edu/undergraduate/general-	
	education-requirements/)	
CHEM 207	Introduction to Chemical Analysis I - SL (https://	,
	catalog.louisville.edu/undergraduate/general-	
	education-requirements/)	
Sequence Thre		
BIOL 102	Biology: Current Issues and Applications - S (https://catalog.louisville.edu/undergraduate/	
	general-education-requirements/)	
BIOL 104	Laboratory for Biology: Current Issues and	
	Applications - SL (https://catalog.louisville.edu/	
	undergraduate/general-education-requirements/)
	d science discipline ³	3
ECON 201	Principles of Microeconomics - SB (https://	3
	catalog.louisville.edu/undergraduate/general- education-requirements/)	
ECON 202	Principles of Macroeconomics - SB (https://	3
	catalog.louisville.edu/undergraduate/general-education-requirements/)	Ū
CIS 305	Data Analysis for Decision-Making	3
FIN 301	Corporate Finance 4	3
FIN 401	Investments ⁴	3
FIN 403	Financial Derivatives ⁴	3
FIN 433	Financial Markets and Institutions ^{4, 5}	3

Minimum Total Hours	30-33
Minimum Electives	2-4

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.

Students in the Accelerated BS/MA program must register for 9 hours of courses numbered 500 or higher at the graduate level.

- 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.
- ³ Fulfills General Education requirement
- Students need to contact the College of Business for permission to enroll in these courses.
- ⁵ FIN 433 can be used as an elective in Humanities or Social Sciences at the 300+ level.

Flight Plan

Mathemati	cs	
Year 1		
Fall		Hours
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 (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	3
MATH 205	Calculus I - QR (https://catalog.louisville.edu/ undergraduate/general-education-requirements/)	4
General Education	: Cardinal Core Oral Communication - OC	3
General Elective		3
	Hours	14
Spring		
ENGL 102	Intermediate College Writing - WC (https:// catalog.louisville.edu/undergraduate/general-education- requirements/)	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
	Hours	16-17
Year 2		
Fall		
General Education	: Cardinal Core Arts & Humanities Global Diversity - AHD2	3
General Elective		3
Foreign Language		3-4
MATH 301	Calculus III	4
MATH 325	Introduction to Linear Algebra	3
	Hours	16-17

3

UNIVERSITY OF LOUISVILLE.

Spring	Outlined Outlined Outlined Outlined Outlined Outlined Outlined	2	MATH 205	Calculus I - QR (https://cat undergraduate/general-ed
SBD1	: Cardinal Core Social & Behavioral Sciences US Diversity -	3	ECON 201	Principles of Microeconon
General Education Perspective - SBH	: Cardinal Core Social & Behavioral Sciences Historical	3		catalog.louisville.edu/und requirements/)
Humanities or Soc	ial Science WR Elective (300 level or above)	3	ACCT 201	Principles of Financial Acc
Math Elective		3		Hours
MATH 405	Differential Equations	3	Spring	
	Hours	15	ENGL 102	Intermediate College Writi
Year 3				catalog.louisville.edu/und
Fall			MATH 206	requirements/) Calculus II
Humanities or Soc	ial Science WR Elective (300 level or above)	3	MATH 311	Introduction to Higher Ma
MATH 387	Discrete Mathematics	3	ECON 202	Principles of Macroeconor
MATH 501	Introduction to Analysis I - CUE (https://	3	ECON 202	catalog.louisville.edu/und
or MATH 521	catalog.louisville.edu/undergraduate/general-education-			requirements/)
	requirements/)		ACCT 202	Principles of Managerial A
	or Modern Algebra I - CUE (https:// catalog.louisville.edu/undergraduate/general-			Hours
	education-requirements/)		Year 2	
MATH 561	Probability	3	Fall	
First portion of che	osen supporting course sequence	3-6	General Educat	ion: Cardinal Core Arts & Huma
	Hours	15-18	Foreign Langua	nge 1
Spring			MATH 301	Calculus III
Second portion of	chosen supporting sequence (may also fulfills portion of	3-6	MATH 325	Introduction to Linear Alge
Gen Ed Natural Sc	ience requirement - S/SL/B)			Hours
	ective (not from chosen sequence) (also fulfills portion of	3	Spring	
	ience requirement - S)		Foreign Langua	nge 2
Math Elective		3	MATH 372	Theory of Interest
MATH 502 or MATH 522	Introduction to Analysis II	3	MATH 387	Discrete Mathematics
CSE 130	or Modern Algebra II Introduction to C and C++ Programming Languages	3	MATH 561	Probability
032 130	Hours	15-18	FIN 301	Corporate Finance
Year 4	nouis	13-16		Hours
Fall			Year 3	
MATH 521	Modern Algebra I - CUE (https://catalog.louisville.edu/	3	Fall	
or MATH 501	undergraduate/general-education-requirements/)	3	General Educat	ion: Cardinal Core Social & Beh
	or Introduction to Analysis I - CUE (https://		Perspective - S	ВН
	catalog.louisville.edu/undergraduate/general-		MATH 562	Mathematical Statistics
	education-requirements/)		MATH 570	Foundations of Actuarial S
Math Elective		3	FIN 401	Investments
General Elective		3	General Electiv	e
General Elective (3	, , , , , , , , , , , , , , , , , , ,	3		Hours
Natural Science El	ective (non-Math) or second computer-related course	3	Spring	
	Hours	15	General Educat	ion: Cardinal Core Arts & Huma
Spring			Chosen Natura	l Science Sequence (lecture & l
MATH 522	Modern Algebra II	3	MATH 405	Differential Equations
or MATH 502	or Introduction to Analysis II	0	FIN 433	Financial Markets and Inst
Math Elective		3		Hours
General Elective		3	Year 4	
General Elective	F mandad)	3	Fall	
General Elective (i		3	MATH 360	Statistical Data Analysis -
	Hours	15		catalog.louisville.edu/und
	Minimum Total Hours	121-129	MATH 501	requirements/)
			MATH 501	Introduction to Analysis I - catalog.louisville.edu/und requirements/)
Mothomot:	cs track in Actuarial Science		General Elective	
	rs mare in armitalal Scionco			

Mathemat	ics, track in Actuarial Science	
Year 1		
Fall		Hours
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 (https:// catalog.louisville.edu/undergraduate/general-education- requirements/)	3
General Education	n: Cardinal Core Oral Communication - OC	3

CIS 305

Data Analysis for Decision-Making

MATH 205	Calculus I - QR (https://catalog.louisville.edu/	4
	undergraduate/general-education-requirements/)	
ECON 201	Principles of Microeconomics - SB (https:// catalog.louisville.edu/undergraduate/general-education- requirements/)	3
ACCT 201	Principles of Financial Accounting	3
	Hours	17
Spring		
ENGL 102	Intermediate College Writing - WC (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	3
MATH 206	Calculus II	4
MATH 311	Introduction to Higher Math	3
ECON 202	Principles of Macroeconomics - SB (https://catalog.louisville.edu/undergraduate/general-education-requirements/)	3
ACCT 202	Principles of Managerial Accounting	3
	Hours	16
Year 2		
Fall		
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
	Hours	14
Spring		
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
	Hours	16
Year 3 Fall		
	Cardinal Core Social & Behavioral Sciences Historical	3
Perspective - SBH		_
MATH 562	Mathematical Statistics	3
MATH 570	Foundations of Actuarial Science	3
FIN 401	Investments	3
General Elective		3
	Hours	15
Spring		
General Education:	Cardinal Core Arts & Humanities US Diversity - AHD1	3
Chosen Natural Sc	ience Sequence (lecture & lab)	4-5
MATH 405	Differential Equations	3
FIN 433	Financial Markets and Institutions	3
FIN 433	Financial Markets and Institutions Hours	3 13-14
FIN 433 Year 4 Fall	Hours	13-14
Year 4		
Year 4 Fall	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education-	13-14
Year 4 Fall MATH 360	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) Introduction to Analysis I - CUE (https:// catalog.louisville.edu/undergraduate/general-education-	13-14 3
Year 4 Fall MATH 360 MATH 501	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) Introduction to Analysis I - CUE (https:// catalog.louisville.edu/undergraduate/general-education-	13-14 3 3
Year 4 Fall MATH 360 MATH 501 General Elective General Elective	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) Introduction to Analysis I - CUE (https:// catalog.louisville.edu/undergraduate/general-education-	13-14 3 3
Year 4 Fall MATH 360 MATH 501 General Elective General Elective	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) Introduction to Analysis I - CUE (https:// catalog.louisville.edu/undergraduate/general-education- requirements/)	3 3 3 3
Year 4 Fall MATH 360 MATH 501 General Elective General Elective	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) Introduction to Analysis I - CUE (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) al Science WR Elective (300 level or above)	3 3 3 3 3
Year 4 Fall MATH 360 MATH 501 General Elective General Elective Humanities or Soci	Hours Statistical Data Analysis - WR (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) Introduction to Analysis I - CUE (https:// catalog.louisville.edu/undergraduate/general-education- requirements/) al Science WR Elective (300 level or above)	3 3 3 3 3



	Minimum Total Hours	121-122
	Hours	
Humanities or Social Science WR Elective (300 level or above)		3
Natural Science Elective (outside of chosen Natural Science sequence)		3
FIN 403	Financial Derivatives	3

Students in the Accelerated BS/MA program will follow the same flight plan, although 9 hours of courses numbered 500 or above must be at the graduate level.

The Flight Plan outlined above is intended to demonstrate one possible path to completing the degree within four years. Course selection and placement within the program may vary depending on course offerings and schedule, elective preferences, and other factors (study abroad, internship availability, etc.). Please consult your advisor for additional information about building a flight plan that works for you.

Degree Audit Report

Degree Audit reports illustrate how your completed courses fulfill the requirements of your academic plan, and which requirements are still outstanding. Degree audits also take transfer credits and test credits into account. "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.

Flight Planner

The Flight Planner tool is available for you to create a personalized Flight Plan to graduation. Advisors have access to review your Flight Planner and can help you adjust it to ensure you remain on track to graduate in a timely manner.

To create these reports:

- 1. Log into your ULink account.
- 2. Click on the Academic Progress tile.
- 3. Select the appropriate report.
 - a. To run a Degree Audit report, click on "View my Degree Audit."
 - b. To create a What-if report, click on "What-if Advisement Report."
 - c. To run a Flight Planner report, click on "Use My Flight Planner."

Click here to run a Degree Audit report, create a What-if report, or run a Flight Planner report. (https://ulink.louisville.edu)