

GRADUATE PROGRAMS OF STUDY



The programs listed below are offered at the graduate or professional level. Students interested in bachelor's degree programs should refer to the undergraduate catalog (<https://catalog.louisville.edu/undergraduate/programs-study/>).

Programs marked with an asterisk (*) are available for completion entirely online (<http://louisville.edu/online/programs>) (may not include all concentrations or specialization areas).

Program	MA / MAT or MS	Discipline Specific Master's	Doctoral	Certificate or Other	College or School	Department
Accountancy and Analytics	MS (https://catalog.louisville.edu/graduate/programs-study/master-accountancy-and-analytics/)	-	-	-	College of Business (https://business.louisville.edu/)	Accountancy
African American Theatre	-	-	-	Certificate	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-artsandsci-study/intro) graduate-certificate-african-american-theatre/)	Theatre Arts

Analytics for Engineering Decision Making	-	-	-	Certificate	Engineering (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-analytics-engr-decision-making/)	Industrial Engineering
Anatomic & Neurobiology	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-anatomic-science-neurobiolc	-	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-anatomic-science-neurobiolc	-	Medicine Anatomical Science & Neurobiology (http://louisville.edu/medicine)
Anthropology	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-anthropology/)	-	-	-	-	Arts & Sciences (http://louisville.edu/artsandsciences/intro)
Applied Behavior Analysis	-	-	-	Certificate	Education Special & Human Development (https://catalog.louisville.edu/graduate/programs-study/education-graduate-certificate-autism-and-applied-behavior-analysis/)	Special Education
Applied Philosophy	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-applied-philosophy/)	-	-	-	-	Arts & Sciences (https://louisville.edu/artsandsciences/intro)

Art History and Curatorial Studies (also see Studio Art & Design)	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-art-creative-art-history/)	-	-	Arts & Sciences Design (http://louisville.edu/artsandsci/intro)	Art & Design	Bioengineering MEng (https://catalog.louisville.edu/graduate/programs-study/master-science-bioengineering/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-bioengineering/)	-	Engineering (https://engineering.louisville.edu/)	Bioengineering (https://engineering.louisville.edu/)
Artificial Intelligence in Medicine	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-artificial-intelligence-in-medicine/)	-	-	Certificate in Engineering (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-artificial-intelligence-in-medicine/)	Engineering (https://engineering.louisville.edu/)	Bioengineering (https://engineering.louisville.edu/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-disciplinary-studies-specialization-in-translational-bioengineering/) ⁵	-	Graduate School (https://louisville.edu/graduate/)	Interdisciplinary Studies (https://louisville.edu/graduate/)
Asian Studies	-	-	-	Certificate in Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-asian-studies/)	Arts & Sciences (http://louisville.edu/artsandsci)	Political Science	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdisciplinary-studies-specialization-in-bioinformatics/)	-	Graduate School (https://louisville.edu/graduate/)	Interdisciplinary Studies (https://louisville.edu/graduate/)
Audiology	-	-	AuD (https://catalog.louisville.edu/graduate/programs-study/doctor-audiology/)	-	Medicine (http://louisville.edu/medicine/)	Audiology (http://louisville.edu/medicine/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biology/)	-	Arts & Sciences (http://louisville.edu/artsandsciences)	Biology (http://louisville.edu/artsandsciences)
Biochemistry & Molecular Genetics	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-biochemistry-molecular-biology/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biochemistry-molecular-biology/)	-	Medicine (http://louisville.edu/medicine/)	Biochemistry & Molecular Genetics (http://louisville.edu/medicine/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biostatistics/)	Certificate in Public Health & Informatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)	Public Health & Informatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)	Bioinformatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)
Bioinformatics	-	-	-	-	Arts & Sciences (http://louisville.edu/artsandsci)	Political Science	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdisciplinary-studies-specialization-in-bioinformatics/)	-	Graduate School (https://louisville.edu/graduate/)	Interdisciplinary Studies (https://louisville.edu/graduate/)
Biology	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-biology/)	-	-	-	Medicine (http://louisville.edu/medicine/)	Audiology (http://louisville.edu/medicine/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biology/)	-	Arts & Sciences (http://louisville.edu/artsandsciences)	Biology (http://louisville.edu/artsandsciences)
Biostatistics	MS* (https://catalog.louisville.edu/graduate/programs-study/master-science-biostatistics/)	-	-	-	Medicine (http://louisville.edu/medicine/)	Biochemistry & Molecular Genetics (http://louisville.edu/medicine/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biostatistics/)	Certificate in Public Health & Informatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)	Public Health & Informatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)	Bioinformatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)
Business Administration	-	-	-	-	Medicine (http://louisville.edu/medicine/)	Biochemistry & Molecular Genetics (http://louisville.edu/medicine/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biostatistics/)	Certificate in Public Health & Informatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)	Public Health & Informatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)	Bioinformatics (https://catalog.louisville.edu/graduate/programs-study/certificate-public-health-informatics/)
							MBA* (https://catalog.louisville.edu/graduate/programs-study/master-business-administration/)	-	Business (http://business.louisville.edu/)	Business (http://business.louisville.edu/)

Business Analytics	MS	-	-	-	Business	Civil Engineering	MS*	MEng	PhD	-	Engineering
(https://catalog.louisville.edu/graduate/programs-study/master-science-business-analytics/)					(http://business.louisville.edu/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-civil-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-civil-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-civil-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-civil-engineering/)		(https://catalog.louisville.edu/graduate/programs-study/master-science-civil-engineering/)
Business of Healthcare	-	-	-	Certificate	Business	Classroom-Reading (P-12)	-	-	-	-	Education Elementary, Middle & Secondary Teacher Education
				(https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-business-of-healthcare/)	(https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-business-of-healthcare/)	(https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-business-of-healthcare/)					(https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-business-of-healthcare/)
Certified School Counselor	-	-	-	RANK 1	Education Counseling & Human Development	Communication	-	-	-	-	Arts & Communication Sciences
				(https://catalog.louisville.edu/graduate/programs-study/rank-i-program-certified-school-counselor/)	(http://education.louisville.edu/)	(https://catalog.louisville.edu/graduate/programs-study/master-arts-communication/)					(http://louisville.edu/artsandsciences)
Chemical Engineering	MS	-	PhD	-	Engineering	Computer Science & Engineering	MS*	MEng	PhD	-	Engineering
(https://catalog.louisville.edu/graduate/programs-study/master-science-chemical-engineering/)			(https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-chemical-engineering/)		(https://engineering.louisville.edu/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)		(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)
Chemistry	MS	-	PhD	-	Arts & Sciences	Counseling & Personnel Services	MEd	PhD	-	-	Education Counseling & Human Development
(https://catalog.louisville.edu/graduate/programs-study/master-science-chemistry/)			(https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-chemistry/)		(http://artsandsciences.louisville.edu/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)	(https://catalog.louisville.edu/graduate/programs-study/master-science-computer-engineering/)			(http://louisville.edu/education)

Couple & Family Therapy	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-couple-family-therapy/)	-	-	-	Social Work (https://catalog.louisville.edu/graduate/programs-study/social-work/)	Social Work	Dentistry	MSD (https://catalog.louisville.edu/graduate/programs-study/master-science-dentistry/)	-	DMD (https://catalog.louisville.edu/graduate/professional-dental-bulletin/) ⁷	-	Dentistry (https://catalog.louisville.edu/dentistry/)	Dentistry	
Criminal Justice	MS* (https://catalog.louisville.edu/graduate/programs-study/master-science-criminal-justice/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-criminal-justice/)	-	Arts & Sciences (http://catalog.louisville.edu/artsandsciences/)	Criminal Justice	Distilled Spirits Business	-	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-distilled-spirits/)	Business MBA (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-distilled-spirits/)	(ju)
Curriculum and Instructor	-	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-in-curriculum-instruction/)	EdS (https://catalog.louisville.edu/graduate/programs-study/education-specialist-academic-unit-education-information-college-curriculum-and-instructor-development/)	Education & Human Development (https://catalog.louisville.edu/undergrad-education-information-college-curriculum-and-instructor-development/)	Education & Human Development	Diversity Literacy	-	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-diversity-literacy/)	Arts & Sciences (http://catalog.louisville.edu/graduate/programs-artsandsciences/)	Philosophy
Cybersecurity	-	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-network-information-security/)	Engineering (https://catalog.louisville.edu/engineering/)	Early Childhood Education Interdisciplinary	MAT (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-interdisciplinary-early-childhood-education/)	-	-	-	Education & Human Development (http://catalog.louisville.edu/education/)	Early Childhood & Elementary Education	
Data Science	-	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-data-mining/)	Engineering (https://catalog.louisville.edu/engineering/)	Early Childhood Education Interdisciplinary Teacher Residency	MAT (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-early-elementary-education-interdisciplinary-teacher-residency/)	-	-	-	Education (https://catalog.louisville.edu/education/)	Special and Human Development (https://catalog.louisville.edu/education/)	

Education-Administrative	EdS (post-master's) (https://catalog.louisville.edu/graduate/programs-study/specialist-in-education-in-education-administrative)	-	RANK 1 ²	Education Educational & Human Leadership, Development, Evaluation, and Organization; Development	Electrical Engineering (MS) (https://catalog.louisville.edu/graduate/programs-study/master-of-science-electrical-engineering)	MEng (https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-electrical/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-engineering-electrical/)	-	Engineering (Electrical Engineering) (https://catalog.louisville.edu/)
Educational Administrative Leadership	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-educational-administrative-leadership/)	Education Leadership, Evaluation Development	Elementary Education (Early) (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-early-elementary-education-p-5/)	-	-	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-elementary-education/) ²	Education Elementary, Middle, and Secondary Education (http://catalog.louisville.edu/education)
Education-Leadership & Organizational Development	-	EdD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-education-in-education-leadership-and-organizational-development/#degree)	-	Education Educational & Human Leadership & Organizational Development	Elementary Education Alternative Certificate (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-teaching-in-early-elementary-education-altcert/)	-	-	-	Education Elementary, Middle, and Secondary Education (https://catalog.louisville.edu/education)
Educational Leadership & Organizational Development	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-educational-leadership-and-organizational-development/)	-	Education Educational & Human Leadership & Organizational Development	Elementary Education Teacher Residency (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-early-elementary-education-tr/)	-	-	-	Education Elementary, Middle, and Secondary Education (https://catalog.louisville.edu/education)
					Elementary Mathematics Specialist				Certificate Education Elementary, Middle, and Secondary Education (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-elementary-math-specialist/)

English MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-english/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-english-rhetoric-composition/)	-	Arts & Sciences (http://louisville.edu/artsandsciences)	English	Franchise Management (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-franchising/)	-	-	-	Certificate Business (http://catalog.louisville.edu/graduate/programs-study/graduate-certificate-franchising/)	(http://business.louisville.edu)
Entrepreneurship (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-entrepreneurship/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-entrepreneurship/)	-	Business Entrepreneurship (http://business.louisville.edu)	Entrepreneurship (http://business.louisville.edu)	Geography Applied (https://catalog.louisville.edu/graduate/programs-study/master-science-applied-geography/)	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-applied-geography/)	-	-	-	Arts & Sciences & Environmental Sciences (http://louisville.edu/artsandsciences)
Epidemiology (https://catalog.louisville.edu/graduate/programs-study/master-science-epidemiology/)	MS*	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-epidemiology/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Epidemiology & Population Health (https://louisville.edu/sphis)	Health Administration (https://catalog.louisville.edu/graduate/programs-study/master-science-health-admin/)	MS* (https://catalog.louisville.edu/graduate/programs-study/master-science-health-admin/)	-	-	-	Public Health & Management Information Systems (https://louisville.edu/sphis)
Exercise Physiology (https://catalog.louisville.edu/graduate/programs-study/master-science-exercise-physiology/)	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-exercise-physiology/)	-	-	Education Health & Human Development Sciences (http://louisville.edu/education)	Health & Sport Sciences (http://louisville.edu/education)	Health & Physical Education (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-health-and-physical-education/)	MAT (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-health-and-physical-education/)	-	-	-	Education Teaching & Human Development Learning (http://louisville.edu/education)
Family Business Management and Advising (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-family-business-management/)	-	Certificate Business (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-family-business-management/)	-	Business (http://business.louisville.edu)	Business (http://business.louisville.edu)	Healthcare Ethics ⁶ (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-care-ethics/)	-	-	-	Certificate Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-care-ethics/)	Philosophy (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-care-ethics/)

Healthcare Financial Management	-	-	Certificate Public (https:// catalog.louisville.edu/ graduate/programs- study/ louisville.edu/ graduate- sphis) certificate- healthcare- financial- management/))	Higher Education Workforce Development	MA* (https:// catalog.lo graduate/ programs- study/ master- arts- higher- education- administr)	-	-	-	Education & Human Leadership, Development, (http:// louisville.e education), Development
Healthcare Management	-	-	Certificate Public (https:// catalog.lo graduate/ Sciences programs-(https:// study/ louisville.e graduate- sphis) certificate- healthcare managem))	History	MA (https:// catalog.louisville.edu/ graduate/ programs- study/ master- arts- history/))	-	-	-	Arts & Sciences (http:// louisville.edu/ artsandsciences))
Healthcare Quality and Project Management	-	-	Certificate Public (https:// catalog.louisville.edu/ graduate/ Sciences programs-(https:// study/ louisville.edu/ graduate- sphis) certificate- healthcare- quality- project- management/)))	Holistic Sports Coaching Education	-	-	-	-	Certificate Education (https:// catalog.lo graduate/ programs-(https:// study/ education. edu/))
Healthcare Systems Engineering	-	-	Certificate Engineering (https:// catalog.lo graduate/ engineerin programs- study/ graduate- certificate- healthcare systems- engineerin))	Horse Racing Industry Business	-	-	-	-	Certificate College (https:// catalog.lo graduate/ (https:// programs- business.louisville.edu/) study/ graduate- certificate- horse- racing- industry/))
Health Professionals Education	MS*	-	-	Certificate Education (https:// catalog.lo graduate/ Development programs- study/ louisville.edu/ education))	Human Resources & Organizational Development	MS* (https:// catalog.lo graduate/ programs- study/ master- of- science- in- human- resources- and- organizati developme)	-	-	Education & Human Leadership, Development (http:// louisville.e education), Development

Humanities	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-humanities/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-humanities/)	-	Arts & Sciences (http://louisville.edu/artsandsciences)	Interdisciplin & Public Humanities	Interdiscip- Studies: Specializa in Artificial Intelligenc in Medicine	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdiscip-studies-specializa-in-artificial-intelligenc-in-medicine/)	-	Graduate School (https://graduate.louisville.edu/)	Interdisciplinary Studies	
Industrial and Systems Engineering	MS* (https://catalog.louisville.edu/graduate/programs-study/master-of-science-industrial-engineerin)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-industrial-engineerin)	-	Engineering (https://louisville.edu/engineerin)	Industrial Engineering	Interdisciplinary Studies: Specialization in Bioinformatics	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdisciplinary-studies-specialization-in-bioinformatics/)	-	Graduate School (https://graduate.louisville.edu/)	Interdisciplinary Studies	
Instructional Computer Technology	-	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-instructional-computer-technology/)	Education Elementary, Middle & Secondary Teacher Education	Latin American & Latino Studies	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-latin-american-latino-studies/)	Arts & Sciences (https://louisville.edu/artsandsci)	Interdisciplinary Studies
Interdisciplinary Studies	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-interdiscip-studies/)	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-interdiscip-studies/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-interdiscip-studies/)	-	Graduate School (https://louisville.edu/graduate)	Interdisciplin Studies	Latin American & Latino Studies	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-latin-american-latino-studies/)	Arts & Sciences (https://louisville.edu/artsandsci)	Interdisciplinary Studies
Interdisciplinary Studies: Concentration in Nanomedicine	MA (https://catalog.louisville.edu/graduate/programs-study/20master-of-science-in-interdisciplinary-studies-concentration-in-nanomedicine/#text)	-	-	-	Graduate School (https://graduate.louisville.edu/)	Interdisciplin Studies	Law	-	-	JD (https://catalog.louisville.edu/graduate/professional/) ⁷	-	Law (https://louisville.edu/law/)	Interdisciplinary Studies
Managerial Analytics	-	-	-	-	-	-	Managerial Analytics	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-managerial-analytics/)	Business (https://business.louisville.edu/)	Interdisciplinary Studies

Materials & Energy Science and Engineering	MS* (https://catalog.louisville.edu/graduate/programs-study/master-science-energy-science-engineering/)	-	-	-	Engineering (https://engineering.louisville.edu/)	Middle Grades Education	-	-	-	RANK 1 Education Middle & Human Secondary Developmental Education (https://catalog.louisville.edu/graduate/education/programs-louisville.edu/study/education/rank-i-program-middle-grades-education/) ²	
Mathematics	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-mathemat	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-applied-industrial-mathemat	-	Arts & Sciences (https://louisville.edu/artsandsci	Mathematics School Education	MAT (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-middle-school-education,	-	-	-	Education Middle & Human Secondary Developmental Education (https://louisville.edu/education/)
Mechanical Engineering	MS (https://catalog.louisville.edu/graduate/programs-study/master-of-science-mechanical-engineering/)	MEng (https://catalog.louisville.edu/graduate/programs-study/master-of-engineering/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-mechanical-engineering/)	-	Engineering (https://engineering.louisville.edu/)	Mechanical Engineering School Education	MAT (https://catalog.louisville.edu/graduate/programs-study/alternative-route-to-5-9-certification-in-middle-school/)	-	-	-	Education Middle & Human Secondary Developmental Education (https://louisville.edu/education/)
Medicine	-	-	MD (https://catalog.louisville.edu/profession	-	Medicine (https://louisville.edu/medicine)	Medicine	MAT (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-middle-school-education-tr/)	-	-	-	Education Middle & Human Secondary Developmental Education (https://louisville.edu/education/)
Medieval & Renaissance Studies	-	-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-medieval-renaissance-studies/)	Arts & Sciences (https://louisville.edu/artsandsci	Interdisciplin Humanities	Teacher Residency	graduate/programs-study/master-of-arts-in-teaching-in-middle-school-education-tr/)	-	-	Education Middle & Human Secondary Developmental Education (https://louisville.edu/education/)
Microbiology & Immunology	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-microbiol immunolo	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-microbiol immunolo	-	Medicine & Immunology (https://louisville.edu/medicine)	Microbiology	Music Composition	MM (https://catalog.louisville.edu/graduate/programs-study/master-music-composition/)	-	-	Music Music (https://louisville.edu/music)

Music Education	MAT (https://catalog.louisville.edu/graduate/programs-study/master-arts-teaching-music-education)	MME (https://catalog.louisville.edu/graduate/programs-study/master-music-education)	-	-	Education & Human Development Music						
Music History and Literature	-	MM (https://catalog.louisville.edu/graduate/programs-study/master-music-history-literature/)	-	-	Music (https://catalog.louisville.edu/music)	Music					
Music Performance	-	MM (https://catalog.louisville.edu/graduate/programs-study/master-music-performance)	-	-	Music (https://catalog.louisville.edu/music)	Music					
Music Theory	-	MM (https://catalog.louisville.edu/graduate/programs-study/master-music-theory/)	-	-	Music (https://catalog.louisville.edu/music)	Music					
Neuroscience Translation	-	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdisciplinary-studies-specialization-in-translator-neuroscience)	-	Graduate School (https://catalog.louisville.edu/graduate)	Interdisciplinary Studies					
Nursing	-	-	MSN (https://catalog.louisville.edu/graduate/programs-study/master-science-nursing-clinical-nurse-leader/)	-	PhD, PhD-DNP (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-nursing/)	Nursing (https://catalog.louisville.edu/nursing)	Nursing				
Nursing Practice	-	-	-	-	DNP, PhD-DNP (https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice/)	Nursing (https://catalog.louisville.edu/nursing)	Nursing				
Nursing Practice, Specialization in Nurse Anesthesia	-	-	-	-	DNP (https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice-nurse-anesthesia/)	School of Nursing (https://catalog.louisville.edu/nursing/academics/dnp)	Nursing				
Nurse Practitioner - APRN	-	-	-	-	-	Certificate School of Nursing (https://catalog.louisville.edu/graduate/programs-nursing)	Nursing (https://catalog.louisville.edu/graduate/programs-nursing)				
Oral Biology	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-oral-biology/)	-	-	-	-	Dentistry (https://catalog.louisville.edu/dentistry)	Dentistry				

Organizational Change in Higher Education	-	-	Certificate in Organizational Change in Higher Education, (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-organizational-change-in-higher-education,	Educational Leadership, Evaluation, and Organizational Development	Physiology	MS* (https://catalog.louisville.edu/graduate/programs-study/master-science-physiology-biophysics/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-physiology-biophysics/)	-	Medicine Physiology (https://louisville.edu/medicine)
Pan-African Studies	MA (https://catalog.louisville.edu/graduate/programs-study/master-arts-pan-african-studies/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-pan-african-studies/)	Certificate in Pan-African Studies (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-pan-african-studies/)	Arts & Sciences	Pan-African Studies (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-police-executive-leadership-development/)	-	-	-	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-police-executive-leadership-development/)
Performance	MFA (https://catalog.louisville.edu/graduate/programs-study/master-fine-arts-theatre-arts/)	-	-	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/master-arts-political-science/)	Theatre Arts	Political Science (https://catalog.louisville.edu/graduate/programs-study/master-arts-political-science/)	-	-	-	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/master-arts-political-science/)
Pharmacology & Toxicology	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-pharmacology-toxicology/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-pharmacology-toxicology/)	Medicine Pharmacology & Toxicology (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-pharmacology-toxicology/)	Pharmacology	Management	-	-	-	Certificate in Public Health & Information Sciences (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-health-management/)
Physics	MS (https://catalog.louisville.edu/graduate/programs-study/master-science-physics/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-physics/)	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/master-arts-political-science/)	Physics & Astronomy	Psychology	MA (https://catalog.louisville.edu/graduate/programs-study/master-science-psychological-science/)	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-psychology-experimental/)	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-psychology-experimental/)

Psychology - Clinical Science	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-psychology-clinical/)	-	Arts & Sciences (https://louisville.edu/artsandsci)	Psychological & Brain Sciences	Public Health Sciences, Health Promotion & Behavioral Sciences	-	-	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-promotion/)	Public Health & Information Sciences Behavioral Sciences (https://louisville.edu/sphis)
Public Administration	-	MPA (https://catalog.louisville.edu/graduate/programs-study/master-public-administration/)	-	Arts & Sciences (https://louisville.edu/artsandsciences)	Urban & Public Affairs		-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-health-training/)	Public Health & Information Sciences (https://louisville.edu/sphis/)
Public Health	-	MPH (https://catalog.louisville.edu/graduate/programs-study/master-public-health/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Public Health		-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-health-training/)	Arts & Sciences (https://louisville.edu/artsandsciences)
Public Health Sciences, Epidemiology	-	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-epidemiology/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Epidemiology & Population Health		-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-history/)	History (https://louisville.edu/history)
Public Health Sciences, Health Management & Policy	-	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Health Management & Systems Sciences		-	-	Certificate (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-real-estate-development/)	Arts & Sciences (https://louisville.edu/artsandsciences)
Public Health Sciences, Health Management & Policy	-	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Health Management & Systems Sciences		-	-	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-social-work/) ²	Education Special & Human Development (https://louisville.edu/education)
Public Health Sciences, Health Management & Policy	-	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Health Management & Systems Sciences		-	-	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-social-work/) ²	Education Special & Human Development (https://louisville.edu/education)
Public Health Sciences, Health Management & Policy	-	PhD (https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy/)	-	Public Health & Information Sciences (https://louisville.edu/sphis)	Health Management & Systems Sciences		-	-	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-social-work/) ²	Education Special & Human Development (https://louisville.edu/education)

Secondary Education (https://catalog.louisville.edu/graduate/programs-study/master-arts-teaching-secondary education,)	-	-	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-secondary education,	Education Middle & Secondary Development (https://catalog.louisville.edu/graduate/programs-study/education,	Social Work	-	-	DSW* (https://catalog.louisville.edu/graduate/programs-study/doctor-social-work/)	-	Social Work (https://catalog.louisville.edu/kent)
Secondary Education alt. certification (https://catalog.louisville.edu/graduate/programs-study/alternative-route-to-8-12-certification-in-secondary education/)	-	-	-	Education Middle & Secondary Development (https://catalog.louisville.edu/graduate/programs-study/education)	Education Middle & Secondary Development (https://catalog.louisville.edu/graduate/programs-study/education)	-	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-applied-sociology/)	-	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/artsandsociology)
Secondary Education Teacher Residency (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-secondary education-tr/)	-	-	-	Education Middle & Secondary Development (https://catalog.louisville.edu/graduate/programs-study/education)	Education Middle & Secondary Development (https://catalog.louisville.edu/graduate/programs-study/education)	Special Education (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-in-moderate-severe-disabilities-p-12/)	MAT* (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-in-moderate-severe-disabilities-p-12/)	MEd* (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-in-moderate-severe-disabilities-p-12/)	-	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-in-special-education-advanced-practitioner/) ²
Six Sigma	-	-	-	Certificate in Engineering (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-six-sigma-black-belt/)	Engineering Management (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-six-sigma-black-belt/)	Special Education (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-MSD-altcert/)	MAT* (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-MSD-altcert/)	-	-	Education & Human Development (https://catalog.louisville.edu/graduate/programs-study/education)
Social Work	-	MSSW* (https://catalog.louisville.edu/graduate/programs-study/master-science-social-work/)	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-social-work/)	RANK 1 (https://catalog.louisville.edu/graduate/programs-study/rank-i-program-school-social-work/) ²	Social Work (https://catalog.louisville.edu/graduate/programs-study/education)	Social Work (https://catalog.louisville.edu/graduate/programs-study/education)	-	-	-	-

Special Education (https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-specialization-in-learning-behavior-disorders/)	MAT*	-	-	-	Education Special and Human Development (https://louisville.edu/education)	Sport Administration (https://catalog.louisville.edu/graduate/programs-study/master-science-sport-administration/)	MS*	-	-	-	Education Health & Human Development (https://louisville.edu/education)
Special Education (https://alt.certificatcgraduate/(MATLBD)programs-study/master-of-arts-teaching-in-special-education-specializa in-lbd-altcert/)	MAT*	-	-	-	Education Special & Human Development (https://louisville.edu/education)	Structural Engineerin	-	-	-	-	Certificate Engineerin Civil & Environmental Engineering (https://nextcatalog.louisville.edu/graduate/programs-study/graduate-certificate-in-structural-engineerin
Special Education, (Applied Behavior Analysis concentration)	-	MEd	-	-	Education Special & Human Development (https://louisville.edu/education)	Studio Art & Design (also see Art History and Curatorial Studies)	-	MFA	-	-	Arts & Sciences Design (https://louisville.edu/artsandsciences)
Speech Lanaguag Pathology	MS	-	-	-	Medicine Otolaryngology or Head & Neck Surgery	Teacher Leadership	-	MEd*	-	-	Education & Human Development (https://louisville.edu/education)
Special Education, (Applied Behavior Analysis concentration)	-	MEd	-	-	Education Special & Human Development (https://louisville.edu/education)	Teaching English to Speakers of Other Languages (TESOL)	-	-	-	-	Certificate Education & Human Development (http://louisville.edu/online/program-finder?program=cer)
Speech Lanaguag Pathology	MS	-	-	-	Medicine Otolaryngology or Head & Neck Surgery	Translation Bioengineer	-	PhD	-	-	Engineerin Bioengineering (https://louisville.edu/engineerin

Transportation Engineering	-	-	Certificate in Engineering (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-transportation-engineering/)	Civil & Environmental Engineering (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-transportation-engineering/)	Urban & Public Affairs
Urban & Public Affairs	-	-	PhD (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-urban-public-affairs/)	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-urban-public-affairs/)	Urban & Public Affairs
Urban Planning	-	MUP (https://catalog.louisville.edu/graduate/programs-study/master-urban-planning/)	-	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/master-urban-planning/)	Urban & Public Affairs
Women's, Gender & Sexuality Studies	-	-	Certificate in Women's, Gender & Sexuality Studies (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-womens-gender-studies/)	Arts & Sciences (https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-womens-gender-studies/)	Women's, Gender & Sexuality Studies

⁸ Post-graduate certificate. Advanced Practice registered nurses or registered nurses that hold a terminal degree (i.e., PhD, EdD, DNP) are eligible to apply.

Doctor of Audiology – AuD (https://catalog.louisville.edu/graduate/programs-study/doctor-audiology/)

Doctor of Nursing Practice (https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice/)- (https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice/) DNP (https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice/)

Doctor of Nursing Practice, Specialization in Nurse Anesthesia - DNP (https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice-nurse-anesthesia/)

Doctor of Social Work – DSW (https://catalog.louisville.edu/graduate/programs-study/doctor-social-work/)

Doctor of Education – EdD

- Educational Leadership and Organizational Development

Specialist in Education – EdS

- Curriculum and Instruction
- Educational Administration - Instructional Leadership

Doctor of Philosophy – PhD

- Anatomical Science and Neurobiology
- Biochemistry and Molecular Genetics
- Biology
- Biostatistics
- Chemical Engineering
- Chemistry
- Civil Engineering
- Clinical Psychology
- Computer Science and Engineering

¹ This program is not currently accepting applications for admission.

² Rank 1 programs are not degree programs. Rank 1 programs are recognized only in the state of Kentucky. They are planned graduate-level programs designed for Kentucky educators seeking rank change for salary purposes.

³ Master of Engineering (MEng) programs other than Engineering Management are only available for students who have matriculated through a bachelor degree program at Speed School. Master of Science (MS) programs are for individuals from other institutions or for students with a BS who are returning for a master's degree.

⁴ The EdS (Education Specialist) degree in Educational Administration is a 30 credit hour, post-master's degree program.

⁵ Interdisciplinary program concentration or specialization.

⁶ Concentration title was "Bioethics and Medical Humanities" prior to 2019-2020.

⁷ Professional degree program

- Counseling and Personnel Services
- Criminal Justice
- Curriculum and Instruction
- Educational Leadership and Organizational Development
- Electrical Engineering
- English Rhetoric and Composition
- Entrepreneurship
- Experimental Psychology
- Humanities
- Industrial and Systems Engineering
- Interdisciplinary Studies
- Interdisciplinary Studies: Specialization in Artificial Intelligence in Medicine
- Interdisciplinary Studies: Specialization in Bioinformatics
- Mathematics, Applied and Industrial (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-applied-industrial-mathematics/>)
- Mechanical Engineering
- Microbiology and Immunology
- Nursing
- Pan-African Studies
- Pharmacology and Toxicology
- Physics
- Physiology
- Psychology - Clinical
- Psychology - Experimental
- Psychological Science
- Public Health Sciences: Specialization in Epidemiology (<https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-epidemiology/>)
- Public Health Sciences: Specialization in Health Management and Policy (<https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy/>)
- Public Health Sciences: Specialization in Health Promotion and Behavioral Sciences (<https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-promotion/>)
- Social Work (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-social-work/>)
- Sociology, Applied (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-applied-sociology/>)
- Special Education emphasis, Curriculum and Instruction (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-curriculum-instruction/>)
- Translational Bioengineering (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-translational-bioengineering/>)
- Urban and Public Affairs

Master of Arts – MA

- Anthropology
- Applied Philosophy
- Art History and Curatorial Studies
- Communication
- English

- Higher Education and Workforce Development
- History
- Humanities
- Interdisciplinary Studies
- Interdisciplinary Studies: Concentration in Sustainability (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-master-of-science-in-interdisciplinary-studies-concentration-in-sustainability/>)
- Mathematics
- Pan-African Studies
- Political Science
- Sociology
- Women's, Gender and Sexuality Studies

Master of Arts in Teaching – MAT

- Early Childhood Education (Interdisciplinary)
- Early Childhood Education (Interdisciplinary - Teacher Residency)
- Elementary Education
- Elementary Education, Teacher Residency
- Health and Physical Education
- Middle School Education
- Middle School Education - Alternative Certification (5-9)
- Middle School Education, Teacher Residency
- Music Education
- Secondary Education
- Secondary Education - Alternative Certification (8-12)
- Secondary Education, Teacher Residency
- Special Education, Concentration in Learning Behavior Disorders (P-12)
- Special Education, Concentration in Learning Behavior Disorders (P-12) - Alternative Certification
- Special Education, Concentration in Learning Behavior Disorders P-12 - Teacher Residency
- Special Education, Concentration in Moderate/Severe Disabilities (P-12)
- Special Education, Concentration in Moderate/Severe Disabilities (P-12) - Alternative Certification
- Special Education, Concentration in Moderate/Severe Disabilities (P-12) - Teacher Residency (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-specialization-in-moderate-severe-disabilities-tr/>)

Master of Business Administration – MBA

Master of Education – MEd

- Counseling and Personnel Services
- Special Education
- Special Education Concentration in Applied Behavior Analysis
- Teaching and Learning

Master of Engineering – MEng

- Bioengineering (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-bioengineering/>)
- Civil Engineering (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-civil/>)
- Computer Science and Engineering (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-computer-engineering-computer-science/>)
- Electrical Engineering (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-electrical/>)
- Engineering Management (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-management/>)
- Mechanical Engineering (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-mechanical/>)

Master of Fine Arts – MFA

- Studio Art and Design
- Performance

Master of Music – MM

- Music Composition
- Music History and Literature
- Music Performance
- Music Theory

Master of Music Education in Music Education – MME (<https://catalog.louisville.edu/graduate/programs-study/master-music-education/>)

Master of Public Administration – MPA

Master of Public Health – MPH

Master of Science – MS

- Accountancy and Analytics (<https://catalog.louisville.edu/graduate/programs-study/master-accountancy-and-analytics/>)
- Anatomical Science and Neurobiology
- Artificial Intelligence in Medicine
- Biochemistry and Molecular Genetics
- Bioengineering (<https://catalog.louisville.edu/graduate/programs-study/master-science-bioengineering/>)
- Biology
- Biostatistics
- Business Analytics
- Chemical Engineering
- Chemistry
- Civil Engineering
- Computer Science (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-computer-science/>)

- Couple and Family Therapy
- Criminal Justice
- Electrical Engineering
- Epidemiology
- Exercise Physiology
- Geography, Applied (<https://catalog.louisville.edu/graduate/programs-study/master-science-applied-geography/>)
- Health Administration
- Health Professions Education
- Human Resources and Organization Development
- Industrial and Systems Engineering
- Interdisciplinary Studies
- Interdisciplinary Studies: Concentration in Sustainability (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-master-of-science-in-interdisciplinary-studies-concentration-in-sustainability/>)
- Interdisciplinary Studies: Concentration in Nanomedicine (<https://catalog.louisville.edu/graduate/programs-study/20master-of-science-in-interdisciplinary-studies-concentration-in-nanomedicine/#text>)
- Materials and Energy Science and Engineering (<https://catalog.louisville.edu/graduate/programs-study/master-science-materials-energy-science-engineering/>)
- Mechanical Engineering
- Microbiology and Immunology
- Oral Biology
- Pharmacology and Toxicology
- Psychological Science
- Physics
- Physiology
- Speech-Language Pathology
- Sport Administration

Master of Science in Dentistry – MSD

Master of Science in Nursing – MSN

Master of Science in Social Work – MSSW

Master of Urban Planning – MUP (<https://catalog.louisville.edu/graduate/programs-study/master-urban-planning/>)

Graduate Certificates – CERT

- Analytics for Engineering Decision Making (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-analytics-engr-decision-making/>)

- Artificial Intelligence in Medicine (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-artificial-intelligence-medicine/>)
 - African-American Theatre (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-african-american-theatre/>)
 - Applied Behavior Analysis (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-autism-and-applied-behavior-analysis/>)
 - Asian Studies (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-asian-studies/>)
 - Biostatistics
 - Business of Healthcare
 - Classroom Reading (P-12)
 - Cybersecurity (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-network-information-security/>)
 - Data Science (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-data-mining/>)
 - Distilled Spirits Business (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-distilled-spirits/#text>)
 - Diversity Literacy (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-diversity-literacy/>)
 - Educational Administrative Leadership (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-educational-administrative-leadership/#text>)
 - Elementary Mathematics Specialist (P-5) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-elementary-math-specialist/>)
 - Family Business Management and Advising (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-family-business-management/>)
 - Franchise Management (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-franchising/#text>)
 - Health Professions Education (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-health-professions-education/>)
 - Healthcare Ethics (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-care-ethics/>)
 - Healthcare Financial Management (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-financial-management/>)
 - Healthcare Management (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-management/>)
 - Healthcare Quality and Project Management (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-quality-project-management/>)
 - Healthcare Systems Engineering (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-systems-engineering/>)
 - Holistic Sports Coaching Education (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-sports-coaching/>)
 - Horse Racing Industry Business (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-horse-racing-industry/>)
 - Instructional Computer Technology (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-instructional-computer-technology/>)
 - Latin American and Latino Studies (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-latin-american-latino-studies/>)
 - Managerial Analytics (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-managerial-analytics/>)
 - Medieval and Renaissance Studies (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-medieval-renaissance-studies/>)
 - Organizational Change in Higher Education (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-organizational-change-in-higher-education/>)
 - Pan-African Studies (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-pan-african-studies/>)
 - Police Executive Leadership Development (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-police-executive-leadership-development/>)
 - Population Health Management (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-population-health-management/>)
 - Public Health Training (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-health-training/>)
 - Public History (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-history/>)
 - Real Estate Development (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-real-estate-development/>)
 - Six Sigma (<https://engineering.louisville.edu/>)
 - Structural Engineering (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-structural-engineering/>)
 - Teaching English to Speakers of Other Languages (TESOL) (<https://louisville-curr.courseleaf.com/graduate/programs-study/graduate-certificate-teaching-english-intl-language/>)
 - Transportation Engineering (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-transportation-engineering/>)
 - Women's, Gender and Sexuality Studies (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-womens-gender-studies/>)
- ## Programs for Certified Teachers (Rank 1)
- Certified School Counselors (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-certified-school-counselor/>)
 - Elementary Education (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-elementary-education/>)
 - Middle Grades Education (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-middle-grades-education/>)
 - Secondary Education (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-secondary-education/>)
 - School Social Work (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-school-social-work/>)
 - Special Education - Advanced Practitioner (P-12) (<https://catalog.louisville.edu/graduate/programs-study/rank1-program-in-special-education-advanced-practitioner/>)
- ## Endorsements for Certified Teachers
- Elementary Mathematics Specialist (P-5) (<http://louisville.edu/education/degrees/endorsements>)

- Gifted and Talented Education (P-12) (<http://louisville.edu/education/degrees/endorsements>)
- Instructional Computer Technology (P-12) (<http://louisville.edu/education/degrees/endorsements>)
- Teacher Leadership (P-12) (<http://louisville.edu/education/degrees/endorsements>)
- Teaching Classroom Reading (P-12) (<http://louisville.edu/education/degrees/endorsements>)
- Teaching English as a Second Language (P-12) (<http://louisville.edu/education/degrees/endorsements>)
- Literacy Specialist (P-12) (<http://louisville.edu/education/degrees/endorsements>)

College of Arts and Sciences

A

- African American Theatre (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-african-american-theatre/>)
- Anthropology (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-anthropology/>)
- Applied Philosophy (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-applied-philosophy/>)
- Art History and Curatorial Studies (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-art-creative-art-history/>)
- Asian Studies (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-asian-studies/>)

B

- Biology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-biology/>)
- Biology (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biology/>)

C

- Chemistry (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-chemistry/>)
- Chemistry (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-chemistry/>)
- Clinical Psychological Science (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-psychology-clinical/>)
- Communication (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-communication/>)
- Criminal Justice (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-criminal-justice/>)
- Criminal Justice (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-criminal-justice/>)

D

- Diversity Literacy (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-diversity-literacy/>)

E

- English (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-english/>)

- English Rhetoric and Composition (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-english-rhetoric-composition/>)

G

- Geography, Applied (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-applied-geography/>)

H

- Healthcare Ethics (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-care-ethics/>)
- History (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-history/>)
- Humanities (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-humanities/>)
- Humanities (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-humanities/>)

L

- Latin American and Latino Studies (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-latin-american-latino-studies/>)

M

- Mathematics (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-mathematics/>)
- Mathematics, Applied and Industrial (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-applied-industrial-mathematics/>)
- Medieval and Renaissance Studies (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-medieval-renaissance-studies/>)

P

- Pan-African Studies (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-pan-african-studies/>)
- Pan-African Studies (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-pan-african-studies/>)
- Pan-African Studies (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-pan-african-studies/>)
- Performance (MFA) (<https://catalog.louisville.edu/graduate/programs-study/master-fine-arts-theatre-arts/>)
- Physics (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-physics/>)
- Physics (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-physics/>)
- Police Executive Leadership Development (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-police-executive-leadership-development/>)
- Political Science (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-political-science/>)
- Psychological Science (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-psychological-science/>)
- Psychological Science (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-psychology-experimental/>)
- Public Administration (MPA) (<https://catalog.louisville.edu/graduate/programs-study/master-public-administration/>)

- Public History (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-history/>)

R

- Real Estate Development (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-real-estate-development/>)

S

- Sociology (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-sociology/>)
- Sociology, Applied (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-applied-sociology/>)
- Studio Art and Design (MFA) (<https://catalog.louisville.edu/graduate/programs-study/master-fine-arts-studio-art-design/>)

U

- Urban and Public Affairs (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-urban-public-affairs/>)
- Urban Planning (MUP) (<https://catalog.louisville.edu/graduate/programs-study/master-urban-planning/>)

W

- Women's, Gender and Sexuality Studies (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-womens-gender-studies/>)
- Women's, Gender and Sexuality Studies (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-womens-gender-studies/>)

College of Business

- Accountancy and Analytics (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-accountancy-and-analytics/>)
- Business Administration (MBA) (<https://catalog.louisville.edu/graduate/programs-study/master-business-administration/>)
- Business Analytics (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-business-analytics/>)
- Business of Healthcare (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-business-of-healthcare/>)
- Distilled Spirits Business (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-distilled-spirits/>)
- Entrepreneurship (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-entrepreneurship/>)
- Family Business Management and Advising (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-family-business-management/>)
- Franchise Management (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-franchising/>)
- Horse Racing Industry Business (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-horse-racing-industry/>)
- Managerial Analytics (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-managerial-analytics/>)

School of Dentistry

- Dentistry (MSD) (<https://catalog.louisville.edu/graduate/programs-study/master-science-dentistry/>)
- Oral Biology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-oral-biology/>)

College of Education and Human Development

A

- Applied Behavior Analysis (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-autism-and-applied-behavior-analysis/>)

C

- Certified School Counselor (RANK1) (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-certified-school-counselor/>)
- Classroom Reading (P-12) (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-classroom-reading/>)
- Counseling and Personnel Services (MEd) (<https://catalog.louisville.edu/graduate/programs-study/master-of-education-in-counseling-and-personnel-services/>)
- Counseling and Personnel Services (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-of-education-counseling-and-personnel-services/>)
- Curriculum and Instruction (EdS) (<https://catalog.louisville.edu/graduate/programs-study/specialist-in-education-in-curriculum-and-instruction/>)
- Curriculum and Instruction (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-curriculum-instruction/>)

E

- Early Childhood Education, Interdisciplinary (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-interdisciplinary-early-childhood-education/>)
- Early Childhood Education, Interdisciplinary - Alternative Certification (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-interdisciplinary-early-childhood-education-altcert/>)
- Early Childhood Education, Interdisciplinary - Teacher Residency (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-early-elementary-education-interdisciplinary-tr/>)
- Educational Administration (EdS) (<https://catalog.louisville.edu/graduate/programs-study/specialist-in-education-in-educational-administration/>)
- Educational Administration (Rank 1) (<https://catalog.louisville.edu/graduate/programs-study/rank-i-specialist-in-education-in-educational-administration/>)
- Educational Administrative Leadership (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-educational-administrative-leadership/>)
- Educational Leadership and Organizational Development (EdD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-of-education-in-educational-leadership-and-organizational-development/>)
- Educational Leadership and Organizational Development (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor->)

of-philosophy-in-educational-leadership-and-organizational-development/)

- Elementary Education (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-early-elementary-education-p-5/>)
- Elementary Education (RANK1) (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-elementary-education/>)
- Elementary Education - Teacher Residency (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-early-elementary-education-tr/>)
- Elementary Education, Alternative Certification (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-teaching-in-early-elementary-education-altcert/>)
- Elementary Mathematics Specialist P-5 (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-elementary-math-specialist/>)
- Exercise Physiology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-exercise-physiology/>)

H

- Health and Physical Education (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-health-and-physical-education/>)
- Higher Education and Workforce Development (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-higher-education-administration/>)
- Holistic Sports Coaching Education (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-sports-coaching/>)
- Human Resources and Organization Development (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-in-human-resources-and-organization-development/>)

I

- Instructional Computer Technology (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-instructional-computer-technology/>)

M

- Middle Grades Education (RANK1) (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-middle-grades-education/>)
- Middle School Education (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-middle-school-education/>)
- Middle School Education - Alternative Certification 5-9 (MAT) (<https://catalog.louisville.edu/graduate/programs-study/alternative-route-to-5-9-certification-in-middle-school/>)
- Middle School Education, Teacher Residency (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-middle-school-education-tr/>)
- Music Education (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-teaching-music-education/>)

O

- Organizational Change in Higher Education (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-organizational-change-in-higher-education/>)

S

- School Social Work (RANK1) (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-school-social-work/>)
- Secondary Education (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-teaching-secondary-education/>)
- Secondary Education (RANK1) (<https://catalog.louisville.edu/graduate/programs-study/rank-i-program-secondary-education/>)
- Secondary Education - Alternative Certification 8-12 (MAT) (<https://catalog.louisville.edu/graduate/programs-study/alternative-route-to-8-12-certification-in-secondary-education/>)
- Secondary Education - Teacher Residency (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-secondary-education-tr/>)
- Special Education (MEd) (<https://catalog.louisville.edu/graduate/programs-study/master-of-education-in-special-education/>)
- Special Education - Advanced Practitioner P-12 (RANK1) (<https://catalog.louisville.edu/graduate/programs-study/rank1-program-in-special-education-advanced-practitioner/>)
- Special Education - Concentration in Learning Behavior Disorders - Teacher Residency (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-specialization-in-learning-behavior-disorders-tr/>)
- Special Education - Concentration in Moderate and Severe Disabilities - Teacher Residency (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-specialization-in-moderate-severe-disabilities-tr/>)
- Special Education, Concentration in Applied Behavior Analysis (MEd) (<https://catalog.louisville.edu/graduate/programs-study/master-education-special-education-concentration-in-autism/>)
- Special Education, Concentration in Learning Behavior Disorders P-12 (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-specialization-in-learning-behavior-disorders/>)
- Special Education, Concentration in Learning Behavior Disorders P-12, Alternative Certification (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-teaching-in-special-education-specialization-in-lbd-altcert/>)
- Special Education, Concentration in Moderate/Severe Disabilities P-12 (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-specialization-in-moderate-severe-disabilities-p-12/>)
- Special Education, Concentration in Moderate/Severe Disabilities P-12, Alternative Certification (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-of-arts-in-teaching-in-special-education-MSD-altcert/>)
- Sport Administration (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-sport-administration/>)

T

- Teaching and Learning (LEADMEd) (<https://catalog.louisville.edu/graduate/programs-study/master-education-teacher-leadership/>)
- Teaching English to Speakers of Other Languages - TESOL (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-teaching-english-intl-language/>)

Graduate School

- Interdisciplinary Studies (MA) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-interdisciplinary-studies/>)

- Interdisciplinary Studies (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-interdisciplinary-studies/>)
- Interdisciplinary Studies (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-interdisciplinary-studies/>)
- Interdisciplinary Studies: Concentration in Nanomedicine (MS) (<https://catalog.louisville.edu/graduate/programs-study/20master-of-science-in-interdisciplinary-studies-concentration-in-nanomedicine/>)
- Interdisciplinary Studies: Specialization in Artificial Intelligence in Medicine (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdisciplinary-studies-specialization-in-artificial-intelligence-in-medicine/>)
- Interdisciplinary Studies: Specialization in Bioinformatics (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-of-philosophy-in-interdisciplinary-studies-specialization-in-bioinformatics/>)

Kent School of Social Work and Family Science

- Couple and Family Therapy (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-couple-family-therapy/>)
- Doctor of Social Work (DSW) (<https://catalog.louisville.edu/graduate/programs-study/doctor-social-work/>)
- Social Work (MSSW) (<https://catalog.louisville.edu/graduate/programs-study/master-science-social-work/>)
- Social Work (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-social-work/>)

School of Medicine

- Anatomical Sciences and Neurobiology (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-anatomical-science-neurobiology/>)
- Anatomical Sciences and Neurobiology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-anatomical-science-neurobiology/>)
- Audiology (AuD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-audiology/>)
- Biochemistry and Molecular Genetics (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-biochemistry-molecular-biology/>)
- Biochemistry and Molecular Genetics (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biochemistry-molecular-biology/>)
- Health Professions Education (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-health-professions-education/>)
- Health Professions Education (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-health-professions-education/>)
- Microbiology and Immunology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-microbiology-immunology/>)
- Microbiology and Immunology (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-microbiology-immunology/>)

- Pharmacology and Toxicology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-pharmacology-toxicology/>)
- Pharmacology and Toxicology (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-pharmacology-toxicology/>)
- Physiology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-physiology-biophysics/>)
- Physiology (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-physiology-biophysics/>)
- Speech-Language Pathology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-communicative-disorders/>)

School of Music

- Music Composition (MM) (<https://catalog.louisville.edu/graduate/programs-study/master-music-composition/>)
- Music Education (MAT) (<https://catalog.louisville.edu/graduate/programs-study/master-arts-teaching-music-education/>)
- Music Education (MME) (<https://catalog.louisville.edu/graduate/programs-study/master-music-education/>)
- Music History and Literature (MM) (<https://catalog.louisville.edu/graduate/programs-study/master-music-history-literature/>)
- Music Performance (MM) (<https://catalog.louisville.edu/graduate/programs-study/master-music-performance/>)
- Music Theory (MM) (<https://catalog.louisville.edu/graduate/programs-study/master-music-theory/>)

School of Nursing

- Nurse Practitioner - APRN (Post-Graduate Certificate) (<https://catalog.louisville.edu/graduate/programs-study/post-graduate-certificate-nurse-practitioner-aprn/>)
- Nursing (MSN) (<https://catalog.louisville.edu/graduate/programs-study/master-science-nursing/>)
- Nursing (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-nursing/>)
- Nursing - Leadership (MSN) (<https://catalog.louisville.edu/graduate/programs-study/master-science-nursing-clinical-nurse-leader/>)
- Nursing Practice (DNP) (<https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice/>)
- Nursing Practice, Specialization in Nurse Anesthesia (DNP) (<https://catalog.louisville.edu/graduate/programs-study/doctor-nursing-practice-nurse-anesthesia/>)

School of Public Health and Information Sciences

- Biostatistics (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-biostat/>)
- Biostatistics (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-biostatistics/>)
- Biostatistics (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-biostatistics/>)
- Epidemiology (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-epidemiology/>)
- Health Administration (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-health-admin/>)

- Healthcare Financial Management (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-financial-management/>)
- Healthcare Management (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-management/>)
- Healthcare Quality and Project Management (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-quality-project-management/>)
- Population Health Management (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-population-health-management/>)
- Public Health (MPH) (<https://catalog.louisville.edu/graduate/programs-study/master-public-health/>)
- Public Health Sciences: Specialization in Epidemiology (PhD) (<https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-epidemiology/>)
- Public Health Sciences: Specialization in Health Management and Policy (PhD) (<https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy/>)
- Public Health Sciences: Specialization in Health Promotion and Behavioral Sciences (PhD) (<https://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-promotion/>)
- Public Health Training (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-health-training/>)

J.B. Speed School of Engineering

A

- Analytics for Engineering Decision Making (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-analytics-engr-decision-making/>)
- Artificial Intelligence in Medicine (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-artificial-intelligence-medicine/>)
- Artificial Intelligence in Medicine (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-artificial-intelligence-in-medicine/>)

B

- Bioengineering (MEng) (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-bioengineering/>)
- Bioengineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-bioengineering/>)

C

- Chemical Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-chemical-engineering/>)
- Chemical Engineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-chemical-engineering/>)
- Civil Engineering (MEng) (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-civil/>)
- Civil Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-civil-engineering/>)
- Civil Engineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-civil-engineering/>)

- Computer Science (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-computer-science/>)
- Computer Science and Engineering (MEng) (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-computer-engineering-computer-science/>)
- Computer Science and Engineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-computer-science-engineering/>)
- Cybersecurity (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-network-information-security/>)

D

- Data Science (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-data-mining/>)

E

- Electrical Engineering (MEng) (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-electrical/>)
- Electrical Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-electrical-engineering/>)
- Electrical Engineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-electrical-engineering/>)
- Engineering Logistics (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-engineering-logistics/>)
- Engineering Management (MEng) (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-management/>)

H

- Healthcare Systems Engineering (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-healthcare-systems-engineering/>)

I

- Industrial and Systems Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-industrial-engineering/>)
- Industrial and Systems Engineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-industrial-engineering/>)

M

- Materials and Energy Science and Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-materials-energy-science-engineering/>)
- Mechanical Engineering (MEng) (<https://catalog.louisville.edu/graduate/programs-study/master-of-engineering-mechanical/>)
- Mechanical Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-mechanical-engineering/>)
- Mechanical Engineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-mechanical-engineering/>)

S

- Six Sigma (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-six-sigma-black-belt/>)

- Structural Engineering (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-structural-engineering/>)

T

- Translational Bioengineering (PhD) (<https://catalog.louisville.edu/graduate/programs-study/doctor-philosophy-translational-bioengineering/>)
- Transportation Engineering (CERT) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-in-transportation-engineering/>)

Dual Degree Programs

A dual degree program is a formalized path of study that allows a student to pursue two different degrees at the same time, either at the same institution or at different institutions, and possibly complete them in less time than it would take to earn them separately. The two degrees may be in the same subject or in two different subjects; they may be at the same level (e.g., master's-master's) or at two different levels (e.g., doctoral-master's). Students must meet the admission requirements for both degree programs. Other limitations or requirements may apply, depending on the program.

Dual degree programs allow students to earn two master's degrees in cases where there is synergy between the two programs. Course work which is common to both degree programs, or courses which provide similar learning outcomes, may be proposed to count for both degrees with justification of the overlap in learning outcomes of the courses. A dual-degree program that pairs two 30-hour programs may apply nine (9) credit hours of overlapping course work toward each degree, for a total of 51 combined credit hours. A variance may be requested to apply additional coursework for dual-degree programs with higher total credit hours.

Interested individuals may click on the links below for additional information.

Dual Dentistry-Graduate Degree Programs

- Combined Doctor of Dental Medicine and Master of Business Administration (DMD/MBA) (<https://business.louisville.edu/academics-programs/graduate-programs/dualmba/>)
- Combined Doctor of Dental Medicine and Master of Science in Oral Biology (DMD/MS) (<http://louisville.edu/dentistry/degrees/oralbiology/dmd-msob>)
- Combined Doctor of Dental Medicine and Doctor of Philosophy (DMD/PhD) (<http://louisville.edu/dentistry/degrees/oralbiology/dmd-phd>)

Dual Law-Graduate Degree Programs

- Combined Juris Doctor and Master of Arts in Humanities (JD/MA) (<https://louisville.edu/law/academics/degree-programs/dual-degree-programs>)
- Combined Juris Doctor and Master of Arts in Political Science (JD/MA) (<https://louisville.edu/law/academics/degree-programs/dual-degree-programs>)
- Combined Juris Doctor and Master of Business Administration (JD/MBA) (<https://louisville.edu/law/academics/degree-programs/dual-degree-programs>)
- Combined Juris Doctor and Master of Public Administration (JD/MPA) (<https://louisville.edu/law/academics/degree-programs/dual-degree-programs>)

- Combined Juris Doctor and Master of Science in Social Work (JD/MSSW) (<https://louisville.edu/law/academics/degree-programs/dual-degree-programs>)
- Combined Juris Doctor and Master Urban Planning (JD/MUP) (<https://louisville.edu/law/academics/degree-programs/dual-degree-programs>)

Dual Medicine-Graduate Degree Programs

- Combined Doctor of Medicine and Master of Business Administration (MD/MBA) (<http://louisville.edu/medschool/dualdegree/MBA>)
- Combined Doctor of Medicine and Doctor of Philosophy (MD/PhD) (<http://louisville.edu/medschool/dualdegree/PhD>)

Dual Graduate-Graduate Degree Programs

- Combined Doctor of Audiology and Master of Business Administration (Aud.D/MBA) (<https://business.louisville.edu/academics-programs/graduate-programs/dualmba/>)
- Combined Doctor of Philosophy in Applied and Industrial Mathematics and Master of Science in Biostatistics (PhD/MS) (<https://louisville.edu/sphis/departments/bioinformatics-biostatistics/academics/dualdegree>)
- Combined Master of Arts in Pan-African Studies and Master of Science in Social Work (MA/MSSW) (<https://louisville.edu/kent/academics/mssw-curriculum>)
- Combined Master of Science in Couple and Family Therapy and Master of Science in Social Work (MS/MSSW) (<https://louisville.edu/kent/academics/couple-and-family-therapy>)
- Combined Master of Public Administration/Master of Arts (Curatorial Studies) (MPA/MA) (<http://louisville.edu/upa/programs/mpa/mpa-ma>)
- Combined Master of Arts in Women's, Gender and Sexuality Studies and Master of Science in Social Work (MA/MSSW) (<http://louisville.edu/wgs/graduate-studies/m-a-msw.html>)
- Combined Master of Business Administration and Master of Arts in Humanities - Concentration in Public Humanities (MBA/MA) (<https://business.louisville.edu/academics-programs/graduate-programs/dualmba/>)
- Combined Master of Business Administration and Master of Divinity (MBA/MDiv) (<https://business.louisville.edu/academics-programs/graduate-programs/dualmba/>)
with Louisville Presbyterian Theological Seminary
- Combined Master of Business Administration and Master of Engineering (MBA/MEng) (<https://business.louisville.edu/academics-programs/graduate-programs/dualmba/>)
- Combined Master of Public Administration and Master of Urban Planning (MPA/MUP) (<http://louisville.edu/upa/programs/mup/mup-mpa>)
- Combined Master of Science in Social Work and Master of Divinity (MSSW/MDiv) (<https://louisville.edu/kent/academics/mssw-curriculum>)
with Louisville Presbyterian Theological Seminary

The links below lead to the university's online learning website. For curriculum information on a particular program, please refer to the corresponding program page (p. 1) in this catalog.

Online Doctoral Degrees

- Doctor of Social Work (DSW) (<https://louisville.edu/online/programs/doctoral/online-doctor-of-social-work>)

Online Master's Degrees

- Artificial Intelligence in Medicine (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-science-artificial-intelligence-in-medicine/>)
- Biostatistics (MS) (http://louisville.edu/online/programs/masters/master-of-science-in-biostatistics/?utm_source=uofl-catalog)
- Business Analytics (MSBA) (<https://louisville.edu/online/programs/masters/online-master-of-science-in-business-analytics/msba>)
- Business Administration (MBA) (http://louisville.edu/online/programs/masters/master-of-business-administration/?utm_source=uofl-catalog)
- Civil Engineering (MS) (http://louisville.edu/online/programs/masters/master-of-science-in-civil-engineering/?utm_source=uofl-catalog)
- Computer Science (MS) (http://louisville.edu/online/programs/masters/master-of-science-in-computer-science/?utm_source=uofl-catalog)
- Criminal Justice (MS) (http://louisville.edu/online/programs/masters/master-of-science-in-criminal-justice/?utm_source=uofl-catalog)
- Early Childhood Education, Interdisciplinary - Alternative Certification (MAT) (<https://louisville.edu/online/programs/masters/online-mat-in-interdisciplinary-early-childhood-education>)
- Electrical Engineering (MS) (<https://catalog.louisville.edu/graduate/programs-study/master-of-science-electrical-engineering/>)
- Engineering Management (MEng) (http://louisville.edu/online/programs/masters/master-of-engineering-in-engineering-management/?utm_source=uofl-catalog)
- Epidemiology (MS) (https://apply.louisville.edu/register/form?id=0384b3f4-b13d-4345-a7a3-a5c2ce38cd7d&sys:field:OL_program_type=92e5e066-5eaa-4fa2-aa57-3baa35d6a5bd&sys:field:OL_program=9a49d33b-8969-442d-89bf-aab081506596&_gl=1*142vvh1*_gcl_au*MTE2NTUwMDUyMy4xNzE1MTcyODcz)
- Health Administration (MS) (http://louisville.edu/online/programs/masters/online-master-of-science-in-health-administration/?utm_source=uofl-catalog)
- Health Professions Education (CERT) (<https://louisville.edu/online/programs/certificate-programs/online-certificate-in-health-professions-education>)
- Health Professions Education (MS) (<https://louisville.edu/online/programs/masters/online-master-of-science-in-health-professions-education>)
- Higher Education and Workforce Development (MA)—with concentrations (http://louisville.edu/online/programs/masters/master-of-arts-in-higher-education/?utm_source=uofl-catalog)
- Human Resources and Organization Development (MS)—with concentrations (http://louisville.edu/online/programs/masters/master-of-science-in-human-resources-and-organization-development/?utm_source=uofl-catalog)
- Industrial and Systems Engineering (MS) (<https://louisville.edu/online/programs/masters/online-master-of-science-in-industrial-engineering>)

- Materials and Energy Science and Engineering (MS) (<http://louisville.edu/online/programs/masters/master-of-science-in-materials-and-energy-science-engineering>)
- Physiology (MS) (<https://louisville.edu/online/programs/masters/online-master-of-science-in-physiology?tab=courses>)
- Social Work (MS)—with areas of specialization (http://louisville.edu/online/programs/masters/master-of-science-in-social-work/?utm_source=uofl-catalog)
- Special Education (MEd)—with concentrations (<http://louisville.edu/online/programs/masters/master-of-education-in-special-education/>)
- Special Education (MAT)—concentration in Moderate/Severe Disabilities (MSD) (http://louisville.edu/online/programs/masters/master-of-arts-in-teaching-in-special-education/?utm_source=uofl-catalog)
- Special Education (MAT)—concentration in Moderate/Severe Disabilities (MSD), alternative certification (http://louisville.edu/online/programs/masters/master-of-arts-in-teaching-in-special-education/?utm_source=uofl-catalog)
- Sport Administration (MS) (http://louisville.edu/online/programs/masters/master-of-science-in-sport-administration/?utm_source=uofl-catalog)
- Teacher Leadership (MEd)—with endorsements and concentrations (http://louisville.edu/online/programs/masters/master-of-education-in-teacher-leadership/?utm_source=uofl-catalog)

Online Graduate Certificates

- Analytics in Engineering Decision Making (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-analytics-engr-decision-making/>)
- African American Theatre (<https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-african-american-theatre>)
- Artificial Intelligence in Medicine (<https://louisville.edu/online/programs/certificate-programs/certificate-in-artificial-intelligence-in-medicine>)
- Applied Behavior Analysis (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-autism-and-applied-behavior-analysis/>)
- Biostatistics (http://louisville.edu/online/programs/certificate-programs/certificate-in-biostatistics/?utm_source=uofl-catalog)
- Business of Healthcare (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-business-of-healthcare/>)
- Classroom Reading (P-12) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-classroom-reading/>)
- Cybersecurity (http://louisville.edu/online/programs/certificate-programs/graduate-certificate-in-cybersecurity/?utm_source=uofl-catalog)
- Data Science (http://louisville.edu/online/programs/certificate-programs/graduate-certificate-in-data-science/?utm_source=uofl-catalog)
- Distilled Spirits Business (http://louisville.edu/online/programs/certificate-programs/distilled-spirits-business-certificate/?utm_source=uofl-catalog)
- Educational Administrative Leadership (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-educational-administrative-leadership/#text>)

- Elementary Mathematics Specialist (P-5) (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-elementary-math-specialist/>)
- Family Business Management and Advising (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-family-business-management/>)
- Franchise Management (http://louisville.edu/online/programs/certificate-programs/franchise-management/franchise-management-certificate/?utm_source=uofl-catalog)
- Healthcare Financial Management (<https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-healthcare-financial-management>)
- Healthcare Management (<https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-healthcare-management/online-graduate-certificate-in-healthcare-management>)
- Healthcare Quality and Project Management (<https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-healthcare-quality-and-project-management>)
- Healthcare Systems Engineering (<https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-healthcare-systems-engineering>)
- Health Professions Education (<https://louisville.edu/online/programs/certificate-programs/online-certificate-in-health-professions-education>)
- Holistic Sports Coaching Education (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-health-sports-coaching/>)
- Horse Racing Industry Business (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-horse-racing-industry/>)
- Instructional Computer Technology (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-instructional-computer-technology/>)
- Managerial Analytics (<https://louisville.edu/online/programs/certificate-programs/online-managerial-analytics-certificate>)
- Organizational Change in Higher Education (https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-organizational-change-in-higher-education/?utm_source=uofl-catalog)
- Population Health Management (<https://louisville.edu/online/programs/certificate-programs/online-graduate-certificate-in-population-health-management>)
- Public Health Training (<https://catalog.louisville.edu/graduate/programs-study/graduate-certificate-public-health-training/>)
- Six Sigma (<https://engineering.louisville.edu/>)
- Structural Engineering (http://louisville.edu/online/programs/certificate-programs/structural-engineering/?utm_source=uofl-catalog)
- Teaching English to Speakers of Other Languages (TESOL) (http://louisville.edu/online/programs/certificate-programs/certificate-in-teaching-english-as-an-international-language/?utm_source=uofl-catalog)
- Transportation Engineering (http://louisville.edu/online/programs/certificate-programs/transportation-engineering/?utm_source=uofl-catalog)

Teaching Endorsements

- Classroom Reading (P-12) (http://louisville.edu/online/programs/teaching-endorsements/classroom-reading-endorsement/?utm_source=uofl-catalog)
- English as a Second Language (ESL) (P-12) (http://louisville.edu/online/programs/teaching-endorsements/english-as-a-second-language-endorsement/?utm_source=uofl-catalog)
- Instructional Technology (P-12) (http://louisville.edu/online/programs/teaching-endorsements/instructional-technology-endorsement/?utm_source=uofl-catalog)