BACHELOR OF APPLIED SCIENCE

University Requirements

General Education

UMKC Essentials is the university-wide curriculum that all undergraduate students will complete. The 30-credit hour program includes a First Year Experience course; three critical thinking courses in the areas of Arts & Humanities, Natural & Physical Sciences, and Social & Behavioral Sciences; a Culture and Diversity course; a Civic & Urban Engagement course; two courses in Written Composition and one course in Oral Communication; and a Math Pathway course. Transfer students entering UMKC will elect from the UMKC Essentials General Education Program or the Missouri Core 42 General Education Curriculum. Academic advisors will meet with incoming transfer students to determine which option best serves the student's educational needs. More information about General Education may be found here: https://catalog.umkc.edu/undergraduate-academic-regulations-information/general-education-requirements/ (http://catalog.umkc.edu/undergraduate-academic-regulations-information/general-education-requirements/)

Constitution Course

Every undergraduate student must take a course covering the United States Constitution and the Missouri State Constitution before graduation. Course options are included in the program requirements section below.

Exit Examinations

Information on exit examinations is available in the Undergraduate Academic Regulations and Information (http://catalog.umkc.edu/undergraduate-academic-regulations-information/graduation/exitexams/) section of the catalog.

Missouri Higher Education Civics Achievement Examination

In accordance with Missouri Senate Bill 807 (section 170.013.1), 'any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree from such institution shall successfully pass an examination on the provisions and principles of American civics with a score of seventy percent or greater as a condition of graduation from such institution'. To satisfy this requirement at UMKC, students access the exam through the Canvas site. This requirement will be listed in the degree audit system as, 'Take State Mandated Missouri Higher Education Civics Achievement Examination', and listed on the transcript as 'Missouri Civics Examination'.

Student Learning Outcomes

Students graduating from this program will:

- Develop professional messages for a variety of audiences.
- Deliver professional messages in written and/or oral form.
- Apply ethical standards to decisions and practical challenges relevant to their emphasis area.
- Analyze professional, civic, and social problems in order to design solutions relevant to their emphasis area.
- Examine the factors defining cultural identities from multiple perspectives.

UMKC Essentials (0-21 of the following hours will need to be completed based on transfer credits)

Code	Title	Credits
First Semester Experience Course (GEFSE) (fulfilled through BAS Common Core)		
Written Communication:		
ENGLISH 110	Introduction to Academic Prose (may be fulfilled with AAS degree)	3
or MOTRENGL 110	MOTR Technical Writing	
ENGLISH 225	English II: Intermediate Academic Prose	3
Oral Communication (choose one of the following):		3
COMM-ST 110	Fundamentals of Effective Speaking and Listening	
or MOTRCOMM 125	MOTR Small Group Communication	
COMM-ST 140	Introduction to Communication	
COMM-ST 212	Argumentation And Debate	
COMM-ST 277	Interpersonal Communication	
Math Pathway (choose one of the following):		3
MATH 116	Mathematics For Liberal Arts	
STAT 115	Statistical Reasoning	
MATH 110	Precalculus Algebra	
MATH 120	Precalculus	

Any 200-level MATH or STAT course	
ACT Math Subscore of 28 or higher; or SAT Math Subscore of 660 or higher	
Critical Thinking in Arts & Humanities (GECRT-AH)	3
Critical Thinking in Natural & Physical Sciences (GECRT-SC)	3
Critical Thinking in Social & Behavioral Sciences (GECRT-SS)	3
Culture & Diversity Course (GECDV) (fulfilled through BAS Common Core)	
Civic & Urban Engagement Course (GECUE) (fulfilled through BAS Common Core)	
Total Credits	21

Constitution Course Requirement

Section 170.011.1 of the Missouri Revised Statutes, 2015, states that all candidates for a degree issued by a college or university in the state of Missouri must have "satisfactorily passed an examination on the provisions and principles of the Constitution of the United States and of the state of Missouri, and in American history and American institutions."

Courses at UMKC that satisfy this state requirement are:

Code	Title	Credits
Choose one of the following:		3
CJC 364	The Supreme Court And The Criminal Process	
HISTORY 101	U.S. History to 1877	
HISTORY 102	U.S. History Since 1877	
HONORS 230	Honors American Government	
POL-SCI 210	American Government	
Total Credits		3

There are a few other ways this requirement can be satisfied for students transferring to UMKC:

- Take an equivalent course from the list above at a regionally accredited institution.
- Earn credit for one of the above courses through AP, IB, or CLEP.
- Take a course that directly satisfies the Missouri Constitution Requirement at another Missouri institution.
- Have a previous bachelors degree (or higher) from a regionally accredited institution.
- Have an Associate of Arts degree from a regionally accredited institution.
- Complete the 42 Hour Core at a Missouri institution and have it listed on the official transcript.

Bachelor of Applied Science

Admission to this program is restricted to students meeting one of the following criteria:

- Completion of an Associate of Applied Science Degree, or;
- Completion of at least 30 hours of military credit or technical credit (TECH 1000) as part of an Associate of Applied Science degree program.

Code	Title	Credits
GEFSE 311	**Experiencing UMKC**	**1**
Ethics & Leadership (select one course from the following):		**3**
PHILOS 321	Ethics	
PHILOS 448	Professional Ethics	
PHILOS 450WI	Ethics and Government	
PHILOS 451	Bioethics	
Professional Communication (select one course from the following):		**3**
COMM-ST 312	Advanced Public Speaking	
COMM-ST 317	Persuasive Communication	
COMM-ST 343	Group Dynamics	
COMM-ST 344	Organizational Communication	
COMM-ST 351WI	Fundamentals of Writing for the Media	
ENGLISH 304WI	Professional and Technical Writing	
POL-SCI 372	Practicing Politics (Satisfies GECUE requirement)	3
REGS 306	Exploring Intersectionality (Satisfies GECDV requirement)	3

Emphasis Area (selected from Health Services Management; Business and Organizational Leadership; Data Analytics; Digital Media; or Digital and Public Humanities)	**18-27**
Total Credits	31-40

General Electives

Students must take elective credit hours to meet the minimum credit hour requirement for their degree, including at least 36 credit hours of coursework at the 300-level or above. The minimum required by the university is 120 credit hours, of which at least 30 credit hours must be taken at UMKC, but some degree programs require more.

Total Credit Hours: 120

Health Services Management Emphasis Area

Code	Title	Credits
Bachelor of Applied Science Common Core		**13**
Coursework for Health Services Management Emphasis Area		
HLSC 101	Introduction to Health Sciences	2
HLSC 300	Diversity in Health	3
HLSC 310	Healthcare Systems	3
HLSC 430	Health Program Management (prerequisite of HLSC 310)	3
HLSC 440	Ethics and Policy of Public Health Promotion	3
HLSC 480	Leadership and Management in Health Professions	3
Select 1 additional course (3 credit hours) from the following:		3
HLSC 450	Urban Health	
HLSC 460	Global Health	
HLSC 470	Technology, Marketing and Media in Health	
Total Credits		33

Business and Organizational Leadership Emphasis Area

Code	Title	Credits
Bachelor of Applied Science Common Core		**13**
Emphasis Area Prerequisite (could be fulfilled through UMKC Essentials)		3
MATH 110	Precalculus Algebra (or MATH 120 or higher; or ALEKS score of 61 or higher)	
Coursework for Business and Organizational Leadership Emphasis Area		
ACCTNG 210	Introduction To Financial Accounting	3
MIS 202	Computer Applications In Management	3
or COMP-SCI 101	Problem Solving and Programming I	
MKT 324	Principles of Marketing	3
FIN 325	Financial Management	3
MGT 332	Principles of Organizational Behavior	3
Select 3 courses (9 credit hours) from the following:		9
ENT 315	Entrepreneurial Mindset and Opportunity Recognition *	
MGT 301	Effective Business Communication	
MGT 370	International Management	
MIS 402	Information Management	
MKT 335	Customer Insights	
MKT 420	Sales Management	
MKT 430	Personal Selling	
DSOM 443	Project Management	
Total Credits		40

* Students that have already completed ENT 215 may substitute for ENT 315.

Data Analytics Emphasis Area

Code	Title	Credits
Bachelor of Applied Science Common Core		**13**
Emphasis Area Prerequisites (some could be fulfilled through UMKC Essentials)		6
STAT 235	Elementary Statistics	
COMP-SCI 191	Discrete Structures I	
Coursework for Data Analytics Emphasis Area		
COMP-SCI 308	Computational Thinking and Programming	3
DSOM 311	Business Analytics II	3
MIS 459	Data Wrangling	3
STAT 340L	Introduction to Data Visualization	1
STAT 355L	Introduction to Diagnostic Analytics	1
STAT 360L	Introduction to Predictive Analytics	1
STAT 400	Machine Learning and Statistical Modeling	3
Select 2 courses (6 credit hours) from the following:		6
COMP-SCI 391	Data Stories & AI Experience	
DSOM 458	Data Visualization	
MATH 314	Graph Theory with Applications (Graph Theory with Applications)	
MATH 401	Data-Driven Modeling (Data-Driven Modeling)	
MATH 469	Mathematical Modeling	
GEOG 444	Spatial Data Analysis	
ECON 425	Econometrics	
STAT/MATH 496	Internship/Practical Training in Mathematics or Statistics	
DSOM 443	Project Management	
Total Credits		40

Digital Media Emphasis Area

Code	Title	Credits
Bachelor of Applied Science Common Core		**13**
Coursework for Digital Media Emphasis Area		
Select 6 courses (18 credit hours) from the following:		18
ART 310	Digital Video and Motion Design	
ART 337	Graphic Design and Typography I	
ART 338	Graphic Design and Typography II	
ART 340	3D Modeling and Animation	
COMM-ST 311	Broadcast and Digital Media Presenting	
COMM-ST 363	Podcast and Audio Production	
COMM-ST 446	Principles Of Advertising	
COMM-ST 448	Principles Of Public Relations	
ENGLISH 307WI	Language, Literacy, Power	
ENGLISH 308	Rhetorics of New Media	
ENGLISH 381	Composing Digital Environments	
FILM 338	Film Adaptation	
FILM 346	Art of the Short Film	
FILM 386	Animation	
Total Credits		31

Digital and Public Humanities Emphasis Area

Code	Title	Credits
Bachelor of Applied Science Common Core		**13**
Coursework for Digital and Public Humanities Emphasis Area		
ENGLISH 477DH	Studies in Digital Humanities	3

HISTORY 379	Museums, Monuments, and American Life: An Introduction to Public History	3
Select 3 courses (9 credit hours) from the following:		9
ENGLISH 308	Rhetorics of New Media	
ENGLISH 380	Multimodal Writing and Rhetoric	
ENGLISH 430WI	Technical Communication	
ENGLISH 433	Histories Of Writing, Reading, And Publishing	
GEOG 203	Introduction to Geographic Information Systems	
GECRT-AH 113	Text Technologies	
HISTORY 334	History of Technology	
HISTORY 343	Oral History	
HISTORY 391	Archival Methods	
ART-HIST 470	Art Museums: History and Practice	
At the end of their course of study, students will select one internship/practicum experience (3 credit hours) from:		3
ENGLISH 448	External Internship	
ENGLISH 449A	Publication Practicum	
ENGLISH 449C	Publication Practicum	
HISTORY 392A	Archival Internship	
HISTORY 392B	Public History Internship	
Total Credits		31

Major Map

Four Year Graduation Plan - Courses & Critical Benchmarks for First Time College Students:

UMKC's Major Maps are detailed, undergraduate four-year course outlines that inform students on the classes they should take and when to take them. Outlines are updated yearly. Graduate students should visit their program's individual school for program outlines.

The following is a sample course of study. Your path to graduation may vary based on factors such as college credit you earned while in high school, transfer work from other institutions of higher learning, and placement in Mathematics. You are responsible for checking prerequisites to any courses. It is the Student's responsibility to ensure that all program requirements are met. This guide is not a substitute for academic advisement.

Partner Institution Coursework with Completion of Associate of Applied Science Degree [60 credit hours]

First Year

Fall Semester	Credits	Spring Semester	Credits
Partner Institution Coursework	15	Partner Institution Coursework	15
	15		15

Second Year

Fall Semester	Credits	Spring Semester	Credits
Partner Institution Coursework	15	Partner Institution Coursework	15
	15		15

Total Credits: 60

University of Missouri-Kansas City (UMKC) Coursework

Business and Organizational Leadership Emphasis

Third Year

Fall Semester	Credits	Spring Semester	Credits
GEFSE 311	1	ACCTNG 210	3
GECRT-SS 101, 102, 104, 105, 106, 107, 108, or 111	3	MIS 202 or COMP-SCI 101	3
COMM-ST 110, 140, or 277	3	ENGLISH 225	3
GECRT-SC 101 or 102	3	CJC 364, HISTORY 101, HISTORY 102, or POL-SCI 210	3

ENGLISH 110	3	GECRT-AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, or 113	3
MATH 110, STAT 115, MATH 116, or MATH 120 (or higher level math course)	3		
	16		15

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
FIN 325	3	REGS 306 (satisfies GECDV)	3
MGT 332	3	PHILOS 321, 448, 450WI, or 451	3
MKT 324	3	Business and Organizational Leadership Elective[1]	3
Buiness and Organizational Leadership Elective[1]	3	Business and Organizational Leadership Elective[1]	3
COMM-ST 312, 317, 343, 344, 351WI, or ENGLISH 304WI	3	3XX/4XX General Elective	3
POL-SCI 372 (satisfies GECUE)	3	3XX/4XX General Elective	3
	18		18

Total Credits: 67

[1] For a list of course options, please see the program requirements page (p. 1).

Data Analytics Emphasis

Third Year

Fall Semester	Credits	Spring Semester	Credits
GEFSE 311	1	STAT 340L	1
STAT 235	3	STAT 400	3
COMM-ST 110, 140, or 277	3	GECRT-SS 101, 102, 104, 105, 106, 107, 108, or 111	3
GECRT-AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, or 113	3	CJC 364, HISTORY 101, HISTORY 102, HONORS 230, or POL-SCI 210	3
ENGLISH 110	3	GECRT-SC 101 or 102	3
COMP-SCI 191	3	ENGLISH 225	3
	16		16

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
STAT 355L	1	STAT 360L	1
DSOM 311	3	COMP-SCI 308	3
ACCTNG 487	3	Data Analytics Elective[1]	3
POL-SCI 372 (satisfies GECUE)	3	PHILOS 321, 448, 450WI, or 451	3
Data Analytics Elective[1]	3	REGS 306 (satisfies GECDV)	3
COMM-ST 312, 317, 343, 344, 351WI, or ENGLISH 304WI	3	3XX/4XX General Elective	3
	16		16

Total Credits: 64

[1] For a list of course options, please see the program requirements page (p. 1).

Digital Media Emphasis

Third Year

Fall Semester	Credits	Spring Semester	Credits
GEFSE 311	1	Digital Media Elective	3
Digital Media Elective	3	Digital Media Elective	3
COMM-ST 110, 140, or 277	3	GECRT-AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, or 113	3
GECRT-SS 101, 102, 104, 105, 106, 107, 108, or 111	3	ENGLISH 225	3
ENGLISH 110	3	STAT 115, MATH 116, MATH 110, or MATH 120 (or higher level Math/Stat course)	3
CJC 364, HISTORY 101, HISTORY 102, HONORS 230, or POL-SCI 210	3		
	16		15

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
Digital Media Elective[1]	3	Digital Media Elective[1]	3
Digital Media Elective[1]	3	PHILOS 321, 448, 450WI, or 451	3
COMM-ST 312, 317, 343, 344, 351WI, or ENGLISH 304WI	3	3XX/4XX General Elective	3
POL-SCI 372 (satisfies GECUE)	3	REGS 306 (satisfies GECDV)	3
GECRT-SC 101 or 102	3	3XX/4XX General Elective	3
	15		15

Total Credits: 61

[1] For a list of course options, please see the program requirements page (p. 1).

Digital and Public Humanities Emphasis

Third Year

Fall Semester	Credits	Spring Semester	Credits
GEFSE 311	1	ENGLISH 477DH	3
GECRT-AH 113 (or Digital and Public Humanities Elective)	3	Digital and Public Humanities Elective[1]	3
GECRT-AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, or 113 (or 3XX/4XX General Elective)	3	GECRT-SS 101, 102, 104, 105, 106, 107, 108, or 111	3
COMM-ST 110, 140, or 277	3	ENGLISH 225	3
ENGLISH 110	3	STAT 115, MATH 116, MATH 110, or MATH 120	3
CJC 364, HISTORY 101, HISTORY 102, HONORS 230, or POL-SCI 210	3		
	16		15

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
HISTORY 379	3	Digital and Public Humanities Internship or Practicum[1]	3
Digital and Public Humanities Elective[1]	3	PHILOS 321, 448, 450WI, or 451	3
GECRT-SC 101 or 102	3	3XX/4XX General Elective	3

COMM-ST 312, 317, 343, 344, 351WI, or ENGLISH 304WI	3	REGS 306 (satisfies GECDV)	3
POL-SCI 372 (satisfies GECUE)	3	3XX/4XX General Elective	3
	15		15

Total Credits: 61

[1] For a list of course options, please see the program requirements page (p. 1).

Health Services Management Emphasis

Third Year

Fall Semester	Credits	Spring Semester	Credits
GEFSE 311	1	HLSC 101	2
GECRT-SC 101	3	HLSC 300	3
COMM-ST 110, 140, or 277	3	HLSC 310	3
GECRT-SS 101, 102, 104, 105, 106, 107, 108, or 111	3	ENGLISH 225	3
ENGLISH 110	3	STAT 115, MATH 116, MATH 110, or MATH 120 (or higher level Math/ Stat course)	3
CJC 364, HISTORY 101, HISTORY 102, HONORS 230, or POL-SCI 210	3	GECRT-AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, or 113	3
	16		17

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
HLSC 430	3	HLSC 480	3
HLSC 440	3	HLSC 450, 460, or 470	3
COMM-ST 312, 317, 343, 344, 351WI, or ENGLISH 304WI	3	PHILOS 321, 448, 450WI, or 451	3
3XX/4XX General Elective	3	REGS 306 (satisfies GECDV)	3
POL-SCI 372 (satisfies GECUE)	3	3XX/4XX General Elective	3
	15		15

Total Credits: 63

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