

**Four Year Graduation Plan – Courses & Critical Benchmarks:**

The following is a sample course of study. It is the Student's responsibility to ensure that all program requirements are met. This guide is not a substitute for academic advisement. For more information see the University Catalog at [umkc.edu/catalog](http://umkc.edu/catalog).

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. Critical Courses and minimum recommended grades (as noted below) provide feedback regarding major fit and help indicate likelihood of successful completion of chosen academic program and degree.

**Please Note:** Students who do not place into MATH 110 College Algebra or MATH 116 Math for Liberal Arts may have to complete preparatory math coursework, potentially adding 3 hours to the total hours required for the degree.

<b>First Math Course:</b>	MATH 110 College Algebra OR MATH 116 Math for Liberal Arts OR STAT 235 Elementary Statistics	<b>Foreign Language Requirement:</b>	Yes	<b>General Elective Hours:</b>	15
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Critical Course	Course Subject, Number, & Title and Academic Plan Benchmarks <b>Bold = UMKC General Education Core requirement</b> *Prerequisite May Be Required ** Co-Requisite Enrollment Required	Min. Rec. Grade	Credit Hours	Notes
<b>Fall Semester Year 1: 14-15 hours</b>				
◆	GEOLOGY 220 General Geology + GEOLOGY 220L Lab <b>(Focus B + CAS Lab Requirement)</b>	C	5	1 BIOLOGY 108 is required for the Geology BA, but High School Biology satisfies this requirement.  Register for <a href="#">UMKC Roo Career Network</a>
	BIOLOGY 108 + 108L General Biology I + Lab <sup>1</sup> <b>(Focus Elective)</b> OR General Elective		3-4	
	<b>**ANCHOR I Reasoning &amp; Values</b> <a href="#">Click for options</a>		3	
	<b>**DISC 100 Reasoning &amp; Values</b> (Speech & Writing) <a href="#">Click for options</a>		3	
Complete 14 credit hours toward degree Earn minimum 2.00 term GPA				
<b>Spring Semester Year 1: 15-16 hours</b>				
◆	MATH 110 College Algebra <sup>2</sup> <b>(Focus Elective)</b> OR MATH 116 Math for Liberal Arts <sup>2</sup> <b>(Focus Elective)</b> OR STAT 235 Elementary Statistics <sup>2</sup> <b>(Focus Elective)</b>	C	3	<sup>2</sup> Enrollment restricted. Must take <a href="#">ALEKS Math Placement Exam</a> or show prerequisite requirement has been met prior to enrolling.  <sup>3</sup> <a href="#">The Foreign Language placement exam</a> is highly recommended to ensure placement in the correct course level.
	Foreign Language Requirement <sup>3</sup> (110 or higher) <a href="#">Click for options</a>		3	
	<b>**Anchor II Culture &amp; Diversity</b> <a href="#">Click for options</a>		3	
	<b>**DISC 200 Culture &amp; Diversity</b> (Speech & Writing) <a href="#">Click for options</a>		3	
	GEOLOGY 2XX/3XX/4XX Major Elective <a href="#">Click for options</a> (GEOG 203 Intro to GIS recommended)		3-4	
Complete 16 credit hours toward degree Earn minimum 2.00 term GPA				
<b>Summer Semester Year 1: 0-3 hours</b>				
◆	Math 110, MATH 116, or STAT 235 (if not already completed)	C	3	Recommend completing MATH 110, 116, or STAT 235 over the summer if tested into MATH 100.
Complete Anchor I & DISC 100 Complete at least one Foreign Language course (110 or higher) Complete at least 30 total credit hours toward degree Maintain a minimum 2.00 cumulative GPA				
<b>Fall Semester Year 2: 17 hours</b>				

◆	*GEOLOGY 250L Field Methods in Earth & Environmental Science OR General Elective	C	3	Take the <a href="#">RooWriter Assessment</a> after completing DISC 200. Must complete prior to enrolling in a Writing Intensive (WI) course.  4 PHYSICS 240 is the preferred course for the professional degree.
◆	*GEOLOGY 325 Sedimentology / Stratigraphy	C	4	
	*PHYSICS 210 General Physics I OR *PHYSICS 240 Physics for Scientists & Engineers I <sup>4</sup>		4-5	
	*Foreign Language Requirement (120 or higher)		3	
	General Elective		3	
Complete 17 credit hours toward degree Earn minimum 2.00 term GPA				
<b>Spring Semester Year 2: 14 hours</b>				
◆	*GEOLOGY 251 Field Methods in Earth & Environmental Science (if GEOLOGY 250L not taken above) OR General Elective	C	3	
	*Foreign Language Requirement (211 or higher)		3	
	CHEM 211 General Chemistry I + CHEM 211L Lab (CAS Science & Math Requirement)		5	
	CAS Arts & Humanities Requirement <a href="#">Click for options</a>		3	
Complete 14 credit hours toward degree Earn minimum 2.00 term GPA				
<b>Summer Semester Year 2: 0-6 hours</b>				
	GEOLOGY 490 Geology Field Camp <sup>4</sup>		6	<sup>4</sup> Summer year 2 Students may take GEOLOGY 490 by permission.
Complete Anchor II & DISC 200 Complete Foreign Language Requirement (211 or higher) Complete RooWriter Assessment Complete at least 60 total hours toward degree Maintain minimum 2.00 cumulative GPA				
<b>Fall Semester Year 3: 13 hours</b>				
	GEOG 444 Spatial Data Analysis <sup>5</sup> OR General Elective if requirement has already been met above.		3	<sup>5</sup> STAT 235 or GEOG 444 will satisfy this degree requirement. GEOG 444 is the recommended course.  <sup>6</sup> HISTORY 101, 102, or POL-SCI 210 meet both Focus C & <a href="#">Missouri Constitution</a> Requirements.
	GEOLOGY 312 Mineralogy		4	
	<b>Focus C Human Actions, Values, &amp; Ethics</b> <a href="#">Click for options</a> (HISTORY 101, 102, or POL-SCI 210 Recommended <sup>6</sup> )		3	
	CAS Social & Behavioral Sciences Requirement <a href="#">Click for options</a> (Complete <a href="#">MO Constitution requirement</a> if not met with Focus Elective)		3	
Complete 13 credit hours toward degree Earn minimum 2.00 term GPA				
<b>Spring Semester Year 3: 13-14 hours</b>				
	GEOLOGY 350 Earth Structures & Tectonics		4	
	GEOLOGY 3XX/4XX Elective <a href="#">Click for options</a> (GEOLOGY 313 Evolution & the Geologic Record OR GEOLOGY 314 Geomorphology Recommended)		3-4	
	**Anchor III Civic & Community Engagement <a href="#">Click for options</a>		3	
	**DISC 300 Civic & Community Engagement (Speech & Writing) <a href="#">Click for options</a>		3	
Complete 13 credit hours toward degree Earn minimum 2.00 term GPA				
<b>Summer Semester Year 3: 0-6 hours</b>				
	GEOLOGY 490 Geology Field Camp (if not completed above)		6	

Complete Anchor III & DISC 300 Complete GEOLOGY 490 Complete at least 90 total hours toward degree Maintain minimum 2.00 cumulative GPA	
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### Fall Semester Year 4: 15-16 hours

	GEOLOGY 3XX/4XX Elective <a href="#">Click for options</a> (GEOLOGY 313 Evolution & the Geologic Record OR GEOLOGY 314 Geomorphology Recommended)		3-4	Apply for graduation & complete your Final Degree Audit for Major and Minor (if applicable).  Take the <a href="#">ETS Proficiency Profile (EPP)</a> exit exam.
	CAS Social & Behavioral Sciences Requirement <a href="#">Click for options</a>		3	
	CAS Arts & Humanities Requirement <a href="#">Click for options</a>		3	
	<b>Focus A Arts &amp; Humanities</b> <a href="#">Click for options</a>		3	
	General Elective		3	
Complete 15 credit hours toward degree Earn minimum 2.00 term GPA				

### Spring Semester Year 4: 12-15 hours

	GEOLOGY 499WI Geology Seminar (CAS Writing Intensive Requirement)		3	Take <a href="#">Major Field (MF)</a> exit exam.
	GEOLOGY 3XX/4XX Elective <a href="#">Click for options</a>		3-4	
	General Elective		3	
	General Elective		3	
	General Elective (Only if needed to reach 120 hours)		0-3	
Earn minimum 2.00 term GPA				

### Graduation Requirements Summary

Total Hours	Total Hours at UMKC	Upper Lvl Hrs in Major at UMKC	Upper (300 / 400) level hours	Major GPA	UMKC GPA
120	30 minimum	26 minimum	36 minimum	2.00 minimum	2.00 minimum

### Other Information

A minimum of 30 hours must be earned at the University of Missouri-Kansas City, regardless of the number and level of hours earned at another institution. Undergraduate degree-seeking students are required to earn credit in at least 36 hours of coursework numbered 300 and above at UMKC. In the case of transfer credit, the coursework must be numbered as junior-senior level work by the transferring institution. Community-college transfer coursework cannot count towards the 36-hour requirement.

#### Non-course requirements

RooWriter Writing Assessment	Met
ETS Proficiency Profile (EPP) exam	___
Major Field (MF) exam	___

### Policy

The University reserves the right to make changes in courses and course schedules without notice. Students are expected to maintain a quality of achievement significantly above minimum UMKC standards for degree work. Individual student progress will be monitored throughout the program. Satisfactory progress is required of all students for retention in the program. Students are expected to maintain academic standards, perform satisfactorily in courses, refrain from academic dishonesty, comply with the established University and teacher education timetables and requirements, and refrain from unethical or unprofessional behavior or behaviors that obstruct the training process or threaten the welfare of the student or others. Other circumstances involving student behavior will be addressed by the faculty on an individual basis.

## Advising Contact Information

College of Arts & Sciences Student Services  
09 Scofield Hall (basement)  
<http://cas.umkc.edu/advising/default.asp>  
816-235-1148

## Career Opportunities

UMKC Career Services – [career.umkc.edu](http://career.umkc.edu) | 816-235-1636 | 2<sup>nd</sup> Floor, Atterbury Student Success Center.  
O\*Net OnLine – [OnetOnline.org](http://OnetOnline.org) Learn about careers related to your major, income potential, and more.