**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).

**Please Note:** Students who do not place into MATH 110 Precalculus Algebra or higher may have to complete preparatory math coursework, potentially adding hours to the total hours required for the degree.

<table>
<thead>
<tr>
<th>First Math Course:</th>
<th>MATH 110 Precalculus Algebra or MATH 125 Trigonometry or MATH 120 Precalculus</th>
<th>Foreign Language Requirement:</th>
<th>No</th>
<th>General Elective Hours:</th>
<th>28</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Critical Course</th>
<th>Course Subject, Number, &amp; Title and Academic Plan Benchmarks</th>
<th>Min. Recom. Grade</th>
<th>Credit Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bold = UMKC General Education Core requirement</strong></td>
<td><strong>Co-Requisite Enrollment Required</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fall Semester Year 1: 16-17 hours**

- ENV-SCI 110R+110L Understanding the Earth with Lab (Focus B) OR GEOLOGY 220 + 220L General Geology with Lab (Focus B)  
  - Foreign Language Requirement¹⁻ ²⁻ ³⁻ ¹ (110 or higher) [Click for options]  
  - MATH 110 Precalculus Algebra² OR MATH 125 Trigonometry² OR MATH 120 Pre-Calculus²  
  - **Anchor I Reasoning & Values** [Click for options]  
  - **DISC 100 Reasoning & Values** (Speech & Writing) [Click for options]

1. The Foreign Language placement exam is highly recommended to ensure placement in the correct course level.
2. Recommend delay of foreign language if enroll in MATH 120 Pre-Calculus
3. Enrollment restricted. Must take ALEKS Math Placement Exam or show prerequisite requirement has been met prior to enrolling.

Complete 16+ credit hours toward degree  
Earn minimum 2.00 term GPA

**Spring Semester Year 1: 15-16 hours**

- STAT 235 Elementary Statistics (Focus Elective) OR MATH 210 Calculus I (Focus Elective)  
  - Foreign Language Requirement (120 or higher) [Click for options]  
  - **Anchor II Culture & Diversity** [Click for options]  
  - **DISC 200 Culture & Diversity** (Speech & Writing) [Click for options]

Register for UMKC Handshake career network.

Complete 15+ credit hours toward degree  
Earn minimum 2.00 term GPA

**Summer Semester Year 1**

- Complete Anchor I & DISC 100  
- Complete MATH 110 or higher  
- Complete at least Foreign Language Level II (120 or higher)  
- Complete at least 30 total credit hours toward degree  
- Maintain a minimum 2.00 cumulative GPA
### Fall Semester Year 2: 16 hours

- **GEOG 203 Introduction to GIS** OR **UPD 203 GIS for Urban Planning** 4
- **GEOLOGY 250L Field Methods in Earth & Enviro Sci** 3
- **Focus C Human Values & Ethical Reasoning** *(Click for options)* (HISTORY 101, 102, or POL-SCI 210 recommended) 3
- Foreign Language Requirement (211 or higher) *(Click for options)* 3
- **Focus A Arts & Humanities** *(Click for options)* 3

Complete 16 credit hours toward degree  
Earn minimum 2.00 term GPA

### Spring Semester Year 2: 15 hours

- **3XX/4XX Required Supporting Social Science (SS)** *(Click for options)* 3
- **Major Elective 3XX/4XX in Social Science(SS); Natural Science (NS); or Ethics, Jurisprudence & Culture (E)* *(Click for options)* 3
- **CAS Arts & Humanities Requirement** *(Click for options)* 3
- **CAS Social & Behavioral Sciences Requirement** *(Click for options)* (Complete MO Constitution requirement if not met above) 3
- General Elective 3

Complete 15 credit hours toward degree  
Earn minimum 2.00 term GPA

### Summer Semester Year 2: 0 hours

- Complete Anchor II & DISC 200  
- Complete RooWriter Assessment  
- Complete Foreign Language Requirement (211 or higher)  
- Complete at least 60 credit hours toward degree  
- Maintain minimum 2.00 cumulative GPA

Students may use the summer to ensure completion of 30 hours per academic year or to lighten fall and spring course loads.

### Fall Semester Year 3: 15 hours

- **3XX/4XX Required Supporting Social Science (SS)** *(Click for options)* 3
- **Anchor III Civic & Community Engagement** *(Click for options)* 3
- **DISC 300 Civic & Community Engagement** *(Speech & Writing)* *(Click for options)* 3
- **CAS Arts & Humanities Requirement** *(Click for options)* 3
- General Elective 3

Complete 15 credit hours toward degree  
Earn minimum 2.00 term GPA

### Spring Semester Year 3: 16 hours

- **3XX/4XX Required Supporting Social Science (SS)** *(Click for options)* 3
- **Major Elective 3XX/4XX in Social Science(SS); Natural Science (NS); or Ethics, Jurisprudence & Culture (E)* *(Click for options)* 3
- **ENV-SCI 303 Weather & Climate** 4
- **ENV-STDY 325 Cultural Perspectives on the Environment** 3
- General Elective 3

Complete 16 credit hours toward degree  
Earn minimum 2.00 term GPA
### Summer Semester Year 3

Complete Anchor III & DISC 300  
Complete at least 90 credit hours towards degree  
Maintain minimum 2.00 cumulative GPA  

Students may use the summer to ensure completion of 30 hours per academic year or to lighten fall and spring course loads.

### Fall Semester Year 4: 16-17 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3XX/4XX Required Supporting Social Science (SS) Click for options</td>
<td>3</td>
</tr>
<tr>
<td>Major Elective 3XX/4XX in Social Science(SS); Natural Science (NS); or Ethics, Jurisprudence &amp; Culture (E)* Click for options</td>
<td>3-4</td>
</tr>
<tr>
<td>GEOG 444 Spatial Data Analysis</td>
<td>4</td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Complete 16+ credit hours toward degree  
Earn minimum 2.00 term GPA

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV-STUDY 499WI Environmental Studies Practicum OR GEOG 499WI Geography Seminar OR GEOLOGY 499WI Seminar OR GEOG 403WI History &amp; Philosophy of Geoscience</td>
<td>3</td>
</tr>
<tr>
<td>CAS Social &amp; Behavioral Sciences Requirement (if not fulfilled by SS elective outside department) OR General Elective</td>
<td>3</td>
</tr>
<tr>
<td>General Elective (ENV-STUDY 496 Internship Recommended)</td>
<td>3</td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
</tr>
<tr>
<td>General Elective (if needed to reach 120 hours)</td>
<td>0-3</td>
</tr>
</tbody>
</table>

Earn minimum 2.00 term GPA

### Graduation Requirements Summary

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Total Hours</th>
<th>Total Hours at UMKC</th>
<th>Upper Lvl Hrs in Major at UMKC</th>
<th>Upper (300 / 400) Level Hours</th>
<th>Major GPA</th>
<th>UMKC GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>120 minimum</td>
<td>30 minimum</td>
<td>12 minimum</td>
<td>36 minimum</td>
<td>2.00 minimum</td>
<td>2.00 minimum</td>
</tr>
</tbody>
</table>

### 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

- Missouri Higher Education Civics Achievement Examination  
- RooWriter Assessment  
- HEIghten exit exam

### Policy

The University reserves the right to make changes in courses and course schedules. 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 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](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 | 2nd Floor, Atterbury Student Success Center.  
O*Net OnLine – [OnetOnline.org](http://OnetOnline.org) Learn about careers related to your major, income potential, and more.