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.

Please Note: Students who do not place into MATH 210 Calculus I may have to complete preparatory math coursework, potentially adding 3 – 8 hours to the total hours required for the degree.

<table>
<thead>
<tr>
<th>First Math Course:</th>
<th>MATH 210 Calculus I</th>
<th>Foreign Language Requirement:</th>
<th>No</th>
<th>General Elective Hours:</th>
<th>11</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Critical Course</th>
<th>Course Subject, Number, &amp; Title and Academic Plan Benchmarks</th>
<th>Min. Rec. Grade</th>
<th>Credit Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOLOGY 220 General Geology</td>
<td>Bold = UMKC General Education Core requirement</td>
<td>C</td>
<td>5</td>
<td>1 Enrollment restricted. Must take ALEKS Math Placement Exam or show prerequisite requirement has been met prior to enrolling.</td>
</tr>
<tr>
<td>MATH 210 Calculus I</td>
<td>*Prerequisite May Be Required</td>
<td>C</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ANCHOR I Reasoning &amp; Values</td>
<td>**Co-Requisite Enrollment Required</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DISC 100 Reasoning &amp; Values</td>
<td>(Speech &amp; Writing)</td>
<td></td>
<td>3</td>
<td>Register for UMKC Roo Career Network</td>
</tr>
</tbody>
</table>

Complete 14 credit hours toward degree
Earn minimum 2.00 term GPA

<table>
<thead>
<tr>
<th>Spring Semester Year 1: 15-16 hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOLOGY Major Elective (GEOG 203 Introduction to GIS recommended)</td>
<td>3</td>
</tr>
<tr>
<td>BIOLOGY 108 General Biology I + BIOLOGY 108L Lab</td>
<td>3-4</td>
</tr>
<tr>
<td>**Anchor II Culture &amp; Diversity</td>
<td>Click for options</td>
</tr>
<tr>
<td>**DISC 200 Culture &amp; Diversity</td>
<td>(Speech &amp; Writing)</td>
</tr>
<tr>
<td>General Elective</td>
<td></td>
</tr>
</tbody>
</table>

Complete 16 credit hours toward degree
Earn minimum 2.00 term GPA

<table>
<thead>
<tr>
<th>Summer Semester Year 1: 0-4 hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 210 Calculus I (if not already completed)</td>
<td>C</td>
</tr>
</tbody>
</table>

Recommend MATH 210 over the summer if not yet completed to stay on track for degree.

Complete Anchor I & DISC 100
Complete Math Requirement
Complete at least 30 total credit hours toward degree
Maintain a minimum 2.00 cumulative GPA

<table>
<thead>
<tr>
<th>Fall Semester Year 2: 15-16 hours</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>*GEOLOGY 250L Field Methods in Earth &amp; Environmental Science OR CAS Arts &amp; Humanities Requirement</td>
<td>C</td>
</tr>
<tr>
<td>Take the RooWriter Assessment after completing DISC 200. Must</td>
<td></td>
</tr>
<tr>
<td>GEOLOGY 325 Sedimentology / Stratigraphy</td>
<td>C</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CHEM 211 General Chemistry I + CHEM 211L Lab (CAS Science &amp; Math Requirement)</td>
<td>5</td>
</tr>
<tr>
<td>BIOLOGY 108 General Biology I + BIOLOGY 108L Lab OR General Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Complete 15 credit hours toward degree</td>
<td></td>
</tr>
</tbody>
</table>

**Spring Semester Year 2: 14-15 hours**

- *GEOLOGY 251 Field Methods in Earth & Env. Science (if GEOLOGY 250L not taken above) OR CAS Arts & Humanities [Click for options] C 3
- *CHEM 212R General Chemistry II + CHEM 212RL Lab 5
- GEOLOGY 3XX/4XX Elective [Click for options] (GEOLOGY 313 Evolution & the Geologic Record OR GEOLOGY 314 Geomorphology Recommended) 3-4
- Focus A Arts & Humanities [Click for options] 3

Complete 14 credit hours toward degree
Earn minimum 2.00 term GPA

**Summer Semester Year 2: 0-6 hours**

- GEOLOGY 490 Geology Field Camp 6

Complete Anchor II & DISC 200
Complete RooWriter Assessment
Complete at least 60 total hours toward degree
Maintain minimum 2.00 cumulative GPA

- 4 Summer year 2 Students may take GEOLOGY 490 by permission.

**Fall Semester Year 3: 14-15 hours**

- GEOLOGY 312 Mineralogy 4
- *PHYSICS 210 General Physics I OR *PHYSICS 240 Physics for Scientists & Engineers 4-5
- Focus C Human Actions, Values, & Ethics [Click for options] (HISTORY 101, 102, or POL-SCI 210 Recommended)
- CAS Social & Behavioral Sciences Requirement [Click for options] (Complete MO Constitution requirement if not met with Focus Elective) 3

Complete 14 credit hours toward degree
Earn minimum 2.00 term GPA

**Spring Semester Year 3: 14-15 hours**

- GEOLOGY 350 Earth Structures & Tectonics 4
- *PHYSICS 220 General Physics II OR *PHYSICS 250 Physics for Scientists & Engineers II 4-5
- **Anchor III Civic & Community Engagement [Click for options] 3
- **DISC 300 Civic & Community Engagement (Speech & Writing) [Click for options] 3

Complete 13 credit hours toward degree
Earn minimum 2.00 term GPA

**Summer Semester Year 3: 0-6 hours**

- 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

**Fall Semester Year 4: 15-16 hours**
Complete 15 credit hours toward degree
Earn minimum 2.00 term GPA

Spring Semester Year 4: 10-13 hours

GEOLOGY 499WI Geology Seminar (CAS Writing Intensive Requirement) 3
GEOLOGY 3XX/4XX Elective  Click for options  3-4
General Elective  3
General Elective (Only if needed to reach 120 hours)  1-3

Earn minimum 2.00 term GPA

Graduation Requirements Summary

<table>
<thead>
<tr>
<th>Total Hours</th>
<th>Total Hours at UMKC</th>
<th>Upper LvI 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>120</td>
<td>30 minimum</td>
<td>26 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

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
9 Scofield Hall (basement)
http://cas.umkc.edu/advising/default.asp
816-235-1148

GEOG 444 Spatial Data Analysis OR STAT 235 Elementary Statistics  3
GEOLOGY 3XX/4XX Elective  Click for options (GEOLOGY 313 Evolution & the Geologic Record OR GEOLOGY 314 Geomorphology Recommended)  3-4
CAS Arts & Humanities Requirement  Click for options  3
CAS Social & Behavioral Sciences Requirement  Click for options  3
General Elective  3

# STAT 235 or GEOG 444 will satisfy this degree requirement. GEOG 444 is the recommended course.

Apply for graduation & complete your Final Degree Audit for Major and Minor (if applicable).

Take the ETS Proficiency Profile (EPP) exit exam.

EARN MINIMUM 2.00 TERM GPA
Career Opportunities
UMKC Career Services – career.umkc.edu | 816-235-1636 | 2nd Floor, Atterbury Student Success Center.
O*Net OnLine – OnetOnline.org Learn about careers related to your major, income potential, and more.