

BA in Geology with concentration in Environmental Geology

Below is a sample 4-year plan for students pursuing the BA in Geology with a concentration in Environmental Geology. To view the list of courses approved to fulfill KU Core Goals, please visit the KU Core website (<http://kucore.ku.edu/courses/>).

Freshman

| Fall | Hours | Spring | Hours | Summer | Hours |
|--|-------|--|-------|--------|-------|
| ENGL 101 (Goal 2.1 Written Communication/ BA Writing I) ¹ | 3 | ENGL 102 (Goal 2.1 Written Communication/ BA Writing II) | 3 | | |
| MATH 101 or GEOL 190 (Goal 1.2 Quantitative Reasoning) | 3 | MATH 115 or 125 (BA Quantitative Reasoning, Major Pre- requisite) | 3-4 | | |
| 1st Semester Language (BA Second Language) | 5 | 2nd Semester Language (BA Second Language) | 5 | | |
| BIOL 100 (Goal 3 Natural Science, Major Pre-requisite) | 3 | CHEM 130 (Major Pre- requisite) | 5 | | |
| BIOL 102 (BA Laboratory/Field Experience (LFE), Major Pre-requisite) | 1 | | | | |
| 15 | | 16-17 | | | |

Sophomore

| Fall | Hours | Spring | Hours | Summer | Hours |
|---|-------|---|-------|--|-------|
| 3rd Semester Language (BA Second Language) | 3 | 4th Semester Language, or 1st semester of Another Language (BA Second Language) | 3-5 | GEOL 360 (Summer only), Major Requirement | 2 |
| Goal 1.1 Critical Thinking | 3 | Goal 2.2 Communication | 3 | | |
| EECS 138 (Major Pre- requisite) | 3 | GEOL 331 (Major Requirement) ³ | 4 | | |
| GEOL 101 (Major Requirement) | 3 | PHSX 111, 114, or 211 and 216 (Major Pre- requisite) | 3-5 | | |

| | | | |
|------------------------------------|---|--------------|--|
| GEOL 103 (Major Requirement) | 2 | | |
| 14 | | 13-17 | |
| | | 2 | |

Junior

| Fall | Hours | Spring | Hours | Summer | Hours |
|---|-------|--|-------|--|-------|
| Goal 3 Arts and Humanities | 3 | Goal 4.2 Global Awareness | 3 | GEOL 560 (Summer only) Goal 6 Integration & Creativity, Major Requirement | 3 |
| Goal 3 Social Science | 3 | Goal 5 Social Responsibility & Ethics | 3 | | |
| Goal 4.1 US Diversity | 3 | GEOL 562 (Major Requirement) ³ | 4 | | |
| GEOL 311 (Major Requirement) ³ | 3 | Second Area of Study/Elective/ Degree/Junior- Senior Hours ⁵ | 3 | | |
| GEOL Elective 300+ (Major Requirement) ^{2,3} | 3 | | | | |
| 15 | | 13 | | 3 | |

Senior

| Fall | Hours | Spring | Hours |
|--|-------|--|-------|
| GEOL 521 (Major Requirement) ³ | 3 | GEOL Elective 300+ (Major Requirement) ^{2,3} | 3 |
| GEOL Elective 300+ (Major Requirement) ^{2,3} | 3 | GEOL Elective 300+ (Major Requirement) ^{2,3} | 3 |
| LA&S 490 (Recommended, or elective) | 3 | GEOL Elective 300+ (Major Requirement) ^{2,3} | 3 |
| Second Area of Study/Elective/ Degree/Junior- Senior Hours ⁵ | 3 | Second Area of Study/Elective/ Degree/Junior- Senior Hours ⁵ | 3 |
| Second Area of Study/Elective/ Degree/Junior- Senior Hours ⁵ | 3 | Second Area of Study/Elective/ Degree/Junior- Senior Hours ⁵ | 2 |
| 15 | | 14 | |

Total Hours 120-125

¹ The BA requires completion of two courses of collegiate-level writing instruction. Students who test out of Composition will still need to complete ENGL 102 (or equivalent) and one additional Goal 2.1 course.

2 BA in Geology with concentration in Environmental Geology

- ² Geology majors are required to complete 15 hours of elective. The Environmental Geology track offers electives in Water, Geology, and the Environment; Urban Environmental Geology; and Other Electives. For a list of applicable electives see the degree requirements (<http://catalog.ku.edu/liberal-arts-sciences/geology/ba/#requirements>) tab.
- ³ All major required Geology courses and most Geology elective courses numbered 300 and above are offered once a year, either in the fall, spring or summer term.
- ⁴ Visit this website (<https://collegeadvising.ku.edu/ba-quantitative-reasoning-courses/>) for a list of courses that fulfill the BA Quantitative Reasoning requirement.
- ⁵ Hour requirements (incl. 45 jr/sr hrs) are typically met through KU core, degree, major, second area of study and/or elective hours. Students completing the BGS with a major must choose a secondary area of study. Individual degree mapping is done in partnership with your advisor.

Please note:

All students in the College of Liberal Arts and Sciences are required to complete 120 total hours of which 45 hours must be at the Jr/Sr (300+) level.

The same course cannot be used to fulfill more than one KU Core Goal. However, overlap of a KU Core course with a major or degree-specific requirement is allowed. Overlapping is recommended to allow more opportunities to explore other majors and/or minors.