

# 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) <sup>1</sup>  | 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     |  |       |        |       |
| <b>15</b>  |       | <b>16-17</b>   |       |        |       |

## 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) <sup>3</sup>                                       | 4     |   |       |
| GEOL 101 (Major Requirement)               | 3     | PHSX 111, 114, or 211 <b>and</b> 216 (Major Pre-requisite)                      | 3-5   |   |       |

|                              |   |              |  |
|------------------------------|---|--------------|--|
| GEOL 103 (Major Requirement) | 2 |              |  |
| <b>14</b>                    |   | <b>13-17</b> |  |
|                              |   | <b>2</b>     |  |

## 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) <sup>3</sup>                             | 4     |   |       |
| GEOL 311 (Major Requirement) <sup>3</sup>             | 3     | Second Area of Study/Elective/Degree/Junior-Senior Hours <sup>5</sup> | 3     |   |       |
| GEOL Elective 300+ (Major Requirement) <sup>2,3</sup> | 3     |   |       |   |       |
| <b>15</b>   |       | <b>13</b>   |       | <b>3</b>  |       |

## Senior

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

## Total Hours 120-125

<sup>1</sup> 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.  
<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Visit this website (<https://collegeadvising.ku.edu/ba-quantitative-reasoning-courses/>) for a list of courses that fulfill the BA Quantitative Reasoning requirement.

<sup>5</sup> 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.