

# BS in Geology with concentration in Environmental Geology

Below is a sample 4-year plan for students pursuing the BS 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
ENGL 101 or 105 (Goal 2.1 Written Communication (1 of 2))	3	ENGL 102 (Goal 2.1 Written Communication (2 of 2))	3
MATH 125 (Goal 1.2 Quantitative Reasoning, Major Pre-requisite)	4	MATH 126 (Major Pre-requisite)	4
Goal 3 Arts and Humanities	3	PHSX 211 & PHSX 216 (Goal 3 Natural Science, Major Pre-requisite)	5
GEOL 101 & GEOL 103 (Major Requirement)	5	GEOL 304 (Major Requirement) <sup>1</sup>	3
<b>15</b>		<b>15</b>	

## Sophomore

Fall	Hours	Spring	Hours	Summer	Hours
Goal 1.1 Critical Thinking <sup>3</sup>	3	Goal 3 Social Science	3	GEOL 360 (Major Requirement) <sup>2</sup>	2
CHEM 130 (Major Pre-requisite)	5	CHEM 135 (Major Pre-requisite)	5		
BIOL 150 (Major Pre-requisite)	3	BIOL 152 (Major Pre-requisite)	3		
GEOL 311 (Major Requirement) <sup>1</sup>	3	GEOL 331 (Major Requirement) <sup>1</sup>	4		
<b>14</b>		<b>15</b>		<b>2</b>	

## Junior

Fall	Hours	Spring	Hours	Summer	Hours
Goal 4.2 Global Awareness	3	GEOL 521 (Major Requirement) <sup>1</sup>	3	GEOL 560 (Goal 6 Integration & Creativity, Major Requirement) <sup>2</sup>	3

Goal 4.1 US Diversity	3	GEOL 552 (Major Requirement) <sup>1</sup>	3
EECS 138, C&PE 325, or GEOL 503 (Major Pre-requisite)	3	GEOL 562 (Major Requirement) <sup>1</sup>	4
GEOL 351 (Major Requirement) <sup>1</sup>	3	GEOL 500+ Elective (Major Requirement) <sup>4</sup>	3
GEOL 541 (Major Requirement) <sup>1</sup>	4	COMS 130 (Goal 2.2 Communication)	3
<b>16</b>		<b>16</b>	<b>3</b>

## Senior

Fall	Hours	Spring	Hours
Goal 5 Social Responsibility & Ethics	3	GEOL 500+ Elective (Major Requirement) <sup>4</sup>	3
GEOL 572 (Major Requirement)	3	Second Area of Study/Elective/Degree/Junior-Senior Hours <sup>5</sup>	3
GEOL 500+ Elective (Major Requirement) <sup>4</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
<b>12</b>		<b>12</b>	

## Total Hours 120

- <sup>1</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>2</sup> GEOL 360, GEOL 560, and GEOL 561 are offered only in the summer.
- <sup>3</sup> Geology BS majors are required to complete a third English, and a list of possible courses can be found under the Degree Requirements tab.
- <sup>4</sup> The Environmental Geology concentration must complete at least 9.0 hours of additional major course work at the 500-level or above. A list of recommended courses can be found on the Degree Requirements tab.
- <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.