

# BS in Geology with concentration in Engineering Geology

Below is a sample 4-year plan for students pursuing the BS in Geology with a concentration in Engineering 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 (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
GEOL 101 & GEOL 103 (Goal 3 Natural Science, Major Requirement)	5	PHSX 211 & PHSX 216 (Major Pre- requisite)	5
12		12	

## Sophomore

Fall	Hours	Spring	Hours	Summer	Hours
ENGL 362	3	MATH 290 (Major Pre- requisite)	2	GEOL 360 (Major Requirement) <sup>2</sup>	2
MATH 220 (Major Pre- requisite)	3	CE 201 (Major Pre-requisite)	2		
CHEM 130 (Major Pre- requisite)	5	CHEM 135 (Major Pre- requisite)	5		
GEOL 311 & GEOL 312 (Major Requirement) <sup>1</sup>	4	PHSX 212 & PHSX 236 (Major Pre- requisite)	4		
		GEOL 331 (Major Requirement)	4		
15		17		2	

## Junior

Fall	Hours	Spring	Hours	Summer	Hours
COMS 130 (Goal 2.2 Communication)	3	CE 330 (Major Pre-requisite)	3	GEOL 560 (Goal 6 Integration & Creativity, Major Requirement) <sup>2</sup>	3

Goal 3 Social Science	3 GEOL 351 (Major Requirement) <sup>1</sup>	3 GEOL 561 (Major Requirement) <sup>2</sup>	3
EECS 138, C&PE 325, or GEOL 503 (Major Pre- requisite)	3 GEOL 512 & GEOL 513 (Major Requirement) <sup>1</sup>	4	
GEOL 572 (Major Requirement) <sup>1</sup>	3 GEOL 562	4	
12		14	
		6	

## Senior

Fall	Hours	Spring	Hours
Goal 4.2 Global Awareness	3	Goal 5 Social Responsibility & Ethics	3
Goal 3 Arts and Humanities	3	Humanities (Goal 4.1 US Diversity, BS Code H Course 2 of 2)	3
CE 455 (Major Requirement)	3	CE 487 (Major Pre-requisite)	4
GEOL 541 (Major Requirement) <sup>1</sup>	4	GEOL or Civil Engineering Elective (Major Requirement) <sup>3</sup>	3
GEOL or Civil Engineering Elective (Major Requirement) <sup>3</sup>	3	GEOL or Civil Engineering Elective (Major Requirement) <sup>3</sup>	3
16		16	

## Total Hours 122

<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> The Engineering Geology concentration must complete three additional geology or civil engineering courses, at least two of which must be from the list provided under the Degree Requirements tab.

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.