

BS in Geology with concentration in Geophysics

Below is a sample 4-year plan for students pursuing the BS in Geology with a concentration in Geophysics. 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
Goal 3 Arts and Humanities	3	PHSX 211 & PHSX 216 (Major Pre- requisite)	5
GEOL 101 & GEOL 103 (Goal 3 Natural Science, Major Requirement)	5	GEOL 304 (Major Requirement) ¹	3
	15		15

Sophomore

Fall	Hours	Spring	Hours	Summer	Hours
Goal 1.1 Critical Thinking ²	3	Goal 4.1 US Diversity	3	GEOL 360 (Major Requirement) ³	2
MATH 127 (Major Pre- requisite)	4	COMS 130 (Goal 2.2 Communication)	3		
CHEM 130 (Major Pre- requisite)	5	PHSX 212 & PHSX 236	4		
GEOL 311 & GEOL 312 (Major Requirement) ¹	4	GEOL 331 (Major Requirement)	4		
		MATH 290 (Major Pre- requisite)	2		
	16		16		2

Junior

Fall	Hours	Spring	Hours	Summer	Hours
Goal 3 Social Science	3	Goal 4.2 Global Awareness	3	GEOL 560 (Goal 6 Integration & Creativity, Major Requirement) ³	3
MATH 320 (Major Pre- requisite)	3	PHSX 313 (Major Pre- requisite)	3	GEOL 561 (Major Requirement) ³	3
EECS 138 or GEOL 503 (Major Pre- requisite)	3	GEOL 512 (Major Requirement) ¹	3		
GEOL 572 (Major Requirement) ¹	3	GEOL 562 (Major Requirement) ¹	4		
	12		13		6

Senior

Fall	Hours	Spring	Hours
PHSX 521 (Major Pre- requisite)	3	Goal 5 Social Responsibility & Ethics	3
Additional GEOL Course (Major Requirement) ⁴	3	Additional GEOL Course (Major Requirement) ⁴	3
Technical Required Elective (Major Requirement) ⁵	3	Additional GEOL Course (Major Requirement) ⁴	3
EECS 220 or PHSX 531 (Major Pre- requisite)	3-4	Technical Required Elective Course (Major Requirement) ⁵	3
		GEOL 500+ elective	1-3
	12-13		13-15

Total Hours 120-123

¹ 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.

² Geology BS majors are required to complete a third English, and a list of possible courses can be found under the Degree Requirements tab.

³ GEOL 360, GEOL 560, and GEOL 561 are offered only in the summer.

⁴ Majors with a concentration in Geophysics are required to complete 9.0 hours of additional Geology courses. A list of possible courses can be found on the Degree Requirements tab.

⁵ Majors with a concentration in Geophysics are required to complete 6.0 hours of Technical Required Elective courses. A list of courses can be found 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.