

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 Core 34, please visit the KU Core 34 page (<https://catalog.ku.edu/core34/>).

Freshman

Fall	Hours	Spring	Hours	Summer	Hours
GEOL 101 & GEOL 103 (Major Requirement, Core 34: Natural and Physical Sciences (SGE)) ^{040*}	5	GEOL 304 (Major Requirement) ¹	3	GEOL 360 or 370 (Major Requirement) ²	2
CHEM 130	5	Core 34: Communications (SGE) ⁰²⁰	3		
Core 34: English (SGE) ⁰¹⁰	3	Core 34: English (SGE) ⁰¹⁰	3		
Core 34: Social and Behavioral Science (SGE) ⁰⁵⁰	3	CHEM 135	5		
		BIOL 150	3		
	16		17		2

Sophomore

Fall	Hours	Spring	Hours
GEOL 311 (Major Requirement) ¹	3	GEOL 331 (Major Requirement) ¹	4
GEOL 351	3	GEOL 552	3
MATH 125 (Core 34: Math and Statistics (SGE)) ^{030*}	4	MATH 126	4
Core 34: US Culture (SGE) ⁰⁷⁰	3	BIOL 152	3
		Core 34: Social and Behavioral Science (SGE) ⁰⁵⁰	3
	13		17

Junior

Fall	Hours	Spring	Hours	Summer	Hours
GEOL 541	4	GEOL 521 (Major Requirement) ¹	3	GEOL 560 (Capstone Requirement) ²	3

Core 34: Global Culture (SGE) ⁰⁷⁰	3	GEOL 562 (Major Requirement) ¹	4
EECS 138 or C&PE 325 (Major Pre-requisite)	3	GEOL 500+ Elective (Major Requirement) ⁴	3
PHSX 211 & PHSX 216	5	PHSX 212 & PHSX 236	4
	15		14
			3

Senior

Fall	Hours	Spring	Hours
GEOL 572	3	GEOL 500+ Elective (Major Requirement)	3
Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3	Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3
GEOL 500+ Elective (Major Requirement) ⁴	3	Elective 300+	3
Elective	3	Elective	3
	12		12

Total Hours 121

- 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 GEOL 360, GEOL 560, and GEOL 561 are offered only in the summer.
- ³ Geology BS majors are required to complete a third English, and a list of possible courses can be found under the Degree Requirements tab.
- ⁴ 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.
- ⁵ Hour requirements (incl. 45 jr/sr hrs) are typically met through Core 34, 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.

*Courses with a * designate courses that are degree requirements but can also be taken to fulfill the KU Core 34 requirement. If another course if used to fulfill the Core 34 requirement, the course listed is still required as a degree requirement.

Notes:

* - This course is a Required major course and is also part of Core 34: Systemwide General Education. If this course is not taken to fulfill the Core 34:SGE requirement, it must be taken in place of elective hours.

** - This course is a Recommended Core 34: Systemwide General Education course. This specific course is not required but is recommended by the program's faculty.

*** - This course is a Required Core 34: Systemwide General Education course. This program is approved by the Kansas Board of Regents to require this specific Core 34: Systemwide General Education course. If a student did not take this course it must be taken in addition to other degree requirements.