

BS in Geology with concentration in Earth & Space Science

Below is a sample 4-year plan for students pursuing the BS in Geology with a concentration in Earth and Space Science. 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
Core 34: English (SGE) ⁰¹⁰	3	Core 34: English (SGE) ⁰¹⁰	3	GEOL 360 or 370 ³	2
Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3	Core 34: Communications (SGE) ⁰²⁰	3		
MATH 125 (Core 34: Math and Statistics (SGE)) ^{030*}	4	C&T 291 (STEMTeach)	1		
CHEM 130 (Core 34: Natural and Physical Sciences (SGE)) ^{040*}	5	GEOL 101 & GEOL 103 (Major Requirement)	5		
C&T 290 (STEMTeach)	1	MATH 126	4		
	16		16		2

Sophomore			
Fall	Hours	Spring	Hours
Core 34: Arts and Humanities (SGE) ⁰⁶⁰	3	Core 34: Social and Behavior Science (SGE) ⁰⁵⁰	3
GEOL 311	3	Core 34: Global Culture (SGE) ⁰⁷⁰	3
PHSX 211 & PHSX 216	5	C&T 360 (STEMTeach)	3
BIOL 152	3	HIST 363 (STEMTeach)	3
		GEOL 171 (Major Requirement)	3
	14		15

Junior					
Fall	Hours	Spring	Hours	Summer	Hours
PHSX 212 & PHSX 236	4	C&T 460 (STEMTeach)	3	GEOL 560 (Capstone Requirement) ³	3

C&T 366 (STEMTeach)	3	ASTR 191 & ASTR 196 (Major Requirement)	4
C&T 448 (STEMTeach)	3	GEOL 521 & GEOL 523 (Major Requirement)	4
GEOL 331 (Major Requirement)	4	GEOL 552 (Major Requirement)	3
	14		14
			3

Senior			
Fall	Hours	Spring	Hours
CHEM 598 (STEMTeach)	3	C&T 490 (STEMTeach)	6
GEOL 562 (Major Requirement) ²	4	C&T 495 (STEMTeach)	3
Core 34: US Culture (SGE) ⁰⁷⁰	3	Core 34: Social and Behavioral Science (SGE) ⁰⁵⁰	3
ATMO 105 (Major Requirement)	5		
	15		12

Total Hours 121

- ¹ Geology BS majors are required to complete a third English, and a list of possible courses can be found under the Degree Requirements tab.
- ² 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.
- ³ GEOL 360, GEOL 560, and GEOL 561 are offered only in the summer.
- ⁴ The Earth and Space Science concentration must complete electives in one of the following two areas: Geology Focus or Astronomy Focus. Course specifics are listed 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.

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.