

# 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 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)) <sup>040*</sup>	5	GEOL 304 (Major Requirement) <sup>1</sup>	3	GEOL 360 or 370 (Major Requirement) <sup>3</sup>	2
ENGL 101 (Core 34: English (SGE)) <sup>010</sup>	3	ENGL 102 (Core 34: English (SGE)) <sup>010</sup>	3		
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3	CHEM 130	5		
MATH 125 (Core 34: Math and Statistics (SGE)) <sup>030*</sup>	4	MATH 126	4		
	<b>15</b>		<b>15</b>		<b>2</b>

## Sophomore

Fall	Hours	Spring	Hours
GEOL 311	3	GEOL 331 (Major Requirement)	4
MATH 127	4	PHSX 212 & PHSX 236	4
MATH 290	2	MATH 320	3
PHSX 211 & PHSX 216	5	CHEM 135	5
	<b>14</b>		<b>16</b>

## Junior

Fall	Hours	Spring	Hours	Summer	Hours
GEOL 572 (Major Requirement) <sup>1</sup>	3	GEOL 562 (Major Requirement) <sup>1</sup>	4	GEOL 560 (Capstone Requirement) <sup>3</sup>	3
GEOL 503 or EECS 138 (Major Pre-requisite)	3	GEOL 512 (Major Requirement) <sup>1</sup>	3		
CORE 34: Arts and Humanities (SGE) <sup>060</sup>	3	Core 34: US Culture (SGE) <sup>070</sup>	3		

PHSX 521 (Major Pre-requisite)	3	PHSX 313 (Major Pre-requisite)	3
Core 34: Communications (SGE) <sup>020</sup>	3	Core 34: Social and Behavioral Science (SGE) <sup>050</sup>	3
	<b>15</b>		<b>16</b>
			<b>3</b>
<b>Senior</b>			
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
EECS 220 or PHSX 531 (Major Pre-requisite)	4	Core 34: Global Culture (SGE) <sup>070</sup>	3
Core 34: Social and Behavioral Science (SGE) <sup>050</sup>	3	Elective 300+	3
Geology Required Elective 500+	3	Technical Required Elective 500+	3
Elective 300+	3	Technical Required Elective 500+	3
	<b>13</b>		<b>12</b>

## Total Hours 121

- <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> 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>3</sup> GEOL 360, GEOL 560, and GEOL 561 are offered only in the summer.
- <sup>4</sup> 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.
- <sup>5</sup> 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.

\*Courses with a \* designate courses that are degree requirements but can also be taken to fulfill the KU Core 34 requirement. If another course is 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.