

# 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 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
CHEM 130 (Goal 3 Natural Science, Major Pred-requisite)	5	CHEM 135 (Major Pre- requisite)	5
BIOL 150 (Major Pre- requisite)	3	LA&S 291 (UKAN Teach)	1
LA&S 290 (UKAN Teach)	1	GEOL 101 & GEOL 103 (Major Requirement)	5
<b>16</b>		<b>18</b>	

## Sophomore

Fall	Hours	Spring	Hours	Summer	Hours
Sophomore Reading & Writing Course (Goal 1.1 Critical Thinking) <sup>1</sup>	3	Social Science Course (Goal 3 Social Science)		GEOL 360 (Major Requirement) <sup>3</sup>	2
Humanities Course (Goal 4.1 US Diversity)		HIST 510 (Goal 3 Humanities, UKAN Teach)	3		
MATH 127 (Major Pre- requisite)	4	PHSX 212 & PHSX 236 (Major Pre- requisite)	4		
PHSX 211 & PHSX 216 (Major Pre- requisite)	5	C&T 360 (UKAN Teach)	3		

GEOL 311 & GEOL 312 (Major Requirement) <sup>2</sup>	4	BIOL 152 (Major Pre- requisite)	3
<b>16</b>		<b>13</b>	
<b>2</b>		<b>2</b>	

## Junior

Fall	Hours	Spring	Hours	Summer	Hours
COMS 130 (Goal 2.2 Communication)	3	GEOL 304 (Major Requirement) <sup>2</sup>	3	GEOL 560 (Goal 6 Integration & Creativity, Major Requirement) <sup>3</sup>	3
Social Science Course (Goal 4.2 Global Awareness)		GEOL 331 (Major Requirement) <sup>2</sup>	4		
ATMO 105 (Major Requirement)	5	GEOL 521 & GEOL 523 (Major Requirement) <sup>2</sup>	4		
C&T 366 (UKAN Teach)	3	C&T 460 (UKAN Teach)	3		
C&T 448 (UKAN Teach)	3	ASTR 191 (Major Requirement)	3		
<b>14</b>		<b>17</b>		<b>3</b>	

## Senior

Fall	Hours	Spring	Hours
Goal 5 Social Responsibility & Ethics	3	C&T 500 (UKAN Teach)	1-6
CHEM 598 (Major Requirement)	3	C&T 598 (UKAN Teach)	1-5
GEOL 562 (Major Requirement) <sup>2</sup>	4	GEOL 500+ elective	3
Earth & Space Science Elective - GEOL or ASTR (Major Requirement) <sup>4</sup>	3		
Earth & Space Science Elective - GEOL or ASTR (Major Requirement) <sup>4</sup>	3		
<b>16</b>		<b>5-14</b>	

## Total Hours 120-129

<sup>1</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>2</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>3</sup> GEOL 360, GEOL 560, and GEOL 561 are offered only in the summer.

<sup>4</sup> 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.

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.