

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 (<http://geo.ku.edu/earth-and-space-science-licensure>). 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, 2 Crs Required, BS Writing 1)	3 ENGL 102 (Goal 2.1 Written Communication, 2 Crs Required, BS Writing 2)	3
MATH 125 (Goal 1.2 Quantitative Literacy, 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)	4 LA&S 291 (UKAN Teach)	1
LA&S 290 (UKAN Teach)	1 GEOL 101 & GEOL 103 (Major Requirement)	5
	17	18

Sophomore

Fall	Hours Spring	Hours Summer	Hours
Sophomore Reading & Writing Course (Goal 1.1 Critical Thinking, BS Writing 3) ¹	3 Social Science Course (Goal 3 Social Science, BS Code S Course 1 of 2)	GEOL 360 (Major Requirement) ³	2
Humanities Course (Goal 4.1 US Diversity, BS Code H Course 1 of 2)	HIST 510 (Goal 3 Humanities, BS Code H Course 2 of 2, 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) ²	4 BIOL 152 (Major Pre- requisite)	4
	16	14
		2

Junior

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

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) ²	4 GEOL 500+ elective	1-3
Earth & Space Science Elective - GEOL or ASTR (Major Requirement) ⁴	3	
Earth & Space Science Elective - GEOL or ASTR (Major Requirement) ⁴	3	
	16	3-14

Total Hours: 120-131

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- 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 completed 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.