

**Bachelor of Science – Geology (0470)**  
**(Suggested Eight Semester Sequence)**

**First Semester**

GEOS 101	Dynamic Earth (3)	
ENGL 101	College Writing Skills (3)	
	Core (3)	
	Core (3)	
	Free Elective (3)	
	<b>TOTAL</b>	15 sem. hrs.

**Second Semester**

MATH 107	Precalculus (4)	
ENGL 102	Specialized College Writing and Research Skills (3)	
GEOS 112	Principles of Earth History (3)	
CSCI 104	Essential Computing I (3)	
	Core (3)	
	<b>TOTAL</b>	16 sem. hrs.

**Third Semester**

BIOL 102	Environmental Biology (3)	
GEOS 311	Mineralogy (4)	
	Core (3)	
	Core (3)	
	<b>TOTAL</b>	13 sem. hrs.

**Fourth Semester**

MATH 211	Anal. Geom. and Calculus I (4)	
GEOS 513	Petrology (4)	
GEOS 541	Geomorphology (3)	
	Core (3)	
	<b>TOTAL</b>	14 sem. hrs.

**Fifth Semester**

CHEM 240	Principles of Chemistry I or PHYS 201 Physics I (4)	
GEOS 525	Field Studies (3)	
GEOS 531	Structural Geology (4)	
	Distribution (3)	
	<b>TOTAL</b>	14 sem. hrs.

**Sixth Semester**

PHYS 201	Physics I or CHEM 240 Principles of Chemistry I (4)	
GEOS 521	Strat. and Sediment. (4)	
GEOS 523	Invert. Paleontology (4)	
	Distribution (3)	
	<b>TOTAL</b>	15 sem. hrs.

**Seventh Semester**

Choose one of the following: MATH 212, CHEM 241, or PHYS 202 (4)		
	GEOS (311+) Elective (3)	
	GEOS (311+) Elective (3)	
	Distribution (3)	
	Free Elective (3)	
	<b>TOTAL</b>	16 sem. hrs.

**Eighth Semester**

Choose one of the following: MATH 212, CHEM 241, or PHYS 202 (4)		
	GEOS (311+) Elective (3)	
	Free Elective (3)	
	Free Elective (3)	
	<b>TOTAL</b>	13 sem. hrs.

Note: It is recommended that GEOS 581 – Geology Field Camp be taken after completion of upper division courses which may be between the junior and senior years or after the completion of senior year coursework.