

## BS Geology: UTeach (Major Code: 3228)

### Geology Courses (40hrs)



GEOL 1110/1110L	Physical Geology and Laboratory (every semester and some summers)	4	
GEOL 1120/1120L	Historical Geology and Laboratory (every semester)	4	
GEOL 3540/3540L	Sedimentary Rocks and Stratigraphy (Spr semesters of even years)	4	
GEOL 3410/3410L	Mineralogy and Laboratory	4	
GEOL 3420/3420L	Petrology and Laboratory	4	
GEOL 4510/4510L	Structural Geology and Laboratory (Fall semesters of even years)	4	
GEOL 4800	Geology Seminar	1	
GEOL 4900	Senior Seminar	2	
GEOL 2250	Oceanography	3	
GEOL 3070	Geology of Tennessee	3	
Electives	Seven hours of Geology Electives	7	

### Related Courses (35hrs)

MATH 1910/1911	Calculus I/ Calculus I Lab	4	
MATH 2100	Introductory Statistics	3	
BIOL 1110/1110L	Principles of Biology I and Laboratory	4	
BIOL 1120/1120L	Principles of Biology II and Laboratory	4	
CHEM 1110/1110L	General Chemistry I and Laboratory	4	
CHEM 1120/1120L	General Chemistry II and Laboratory	4	
PHYS 1030/1030L	General Physics- Mechanics and Heat and Laboratory	4	
PHYS 1040/1040L	General Physics- Electromagnetism and Optics and Laboratory	4	
ASTR 1010/1010L	Introduction to Astronomy- The Solar System and Laboratory	4	

### General Education (beyond what is above) (27hrs)

ENGL 1010	Rhetoric & Composition I	3	
ENGL 1020	Rhetoric & Composition II	3	
	Humanities & Fine Arts (one course must be in Fine Arts)	6	
	Behavioral and Social Science	6	
	Cultures and Civilizations	9	

### UTeaChattanooga Courses (23hrs)

UTSM 1010	Step 1: Inquiry Approaches to Teaching Mathematics and Science	1	
UTSM 1020	Step 2: Inquiry Based Lesson Design in Mathematics and Science	1	
UTSM 2010	Knowing and Learning in Mathematics and Science	3	
UTSM 2020	Classroom Interactions	3	
UTSM 3010	Perspectives on Science and Mathematics	3	
UTSM 3020	Research Methods in Science	3	
UTSM 4010	Project-Based Instruction	3	
UTSM 4020	Apprentice Teaching in Secondary Mathematics and Science	6	

**TOTAL 125**

*\*\* This form should be used for planning purposes only. Please refer to your course catalog for the most recent prerequisites and course descriptions. Information subject to change. \*\**