

[Please see the Courses section of this catalog for complete course descriptions.](#)

First Year – 28-30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
GEOL 1110/1110L: <i>Physical Geology/Lab</i> (Nat. Science)	4	GEOL 1120/1120L: <i>Historical Geology/Lab</i> (Nat. Science)	4
Approved Sci. Sequence (CHEM 1110/1110L: <i>General Chemistry I/Lab</i>)	4	Approved Sci. Sequence (CHEM 1120/1120L: <i>General Chemistry II/Lab</i>)	4
MATH 1830: <i>Calculus for Mgmt, Life & Social Sciences</i> or 1950: <i>Calculus w Analytic Geometry I</i> (Mathematics)	3-4	FAH: Historical Understanding	3
ENGL 1010 or 1011 (Rhetoric and Writing I)	3-4	ENGL 1020 (Rhetoric and Writing II)	3
	14-16		14
Second Year – 30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
GEOL 1230/1230L: <i>Environmental Geology</i>	4	GEOL 3420/3420L: <i>Petrology/Lab</i>	4
GEOL 3410/3410L: <i>Mineralogy/Lab</i>	4	ENGL 2820: <i>Scientific Writing</i>	3
Approved Sci. Sequence (PHYS 1030/1030L: <i>Gen Physics-Mechanics & Heat/Lab</i> , 2300/2300L: <i>Principles of Physics-Mechanics & Heat/Lab</i> , or BIOL 1110/1110L: <i>Principles of Bio I/Lab</i>)	4	Approved Sci. Sequence (PHYS 1040/1040L: <i>Gen Physics-Electromagnetism & Optics/Lab</i> , 2310/2310L: <i>Principles of Physics-Electricity & Magnetism/Lab</i> , or BIOL 1120/1120L: <i>Principles of Bio II/Lab</i>)	4
GEOL Elective (GEOL 4420)	1	Non-Western Culture	3
FAH: Literature	3		
	16		14
Third Year – 32 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
GEOL 4510/4510L: <i>Structural Geology/Lab</i>	4	GEOL 3540/3540L : <i>Sedimentary Rocks & Stratigraphy/Lab</i>	4
FAH: Thought, Values and Beliefs	3	GEOL Elective (4000 Level) (GEOL 4960r)	3
FAH: Visual and Performing Arts	3	Behavioral and Social Science	3
Statistics	3	Elective* (3000-4000 Level)	3
Elective (3000-4000 Level)*	3	Elective*	3
	16		16
Fourth Year – 28-30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
GEOL 4800: <i>Geology Seminar</i>	1	GEOG 4900: <i>Senior Seminar</i>	2
GEOL 4450: <i>Hydrology</i>	3	GEOL Elective (GEOL 4520/4520L)	4
Behavioral and Social Science	3	Elective* (3000-4000 Level) (GEOL 4997)	3
Elective*	3	Elective*	3
Elective*	3-4	Elective*	3-4
	13-14		15-16

*See Catalog for recommended Electives.

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
120 Total Hours		30-31 General Education Hours	
39 Upper Division (3000-4000) Hours		64-65 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
60 Hours at 4-year Institution		24-26 Elective Hours	
		Foreign Language (<i>Not Required</i>)	