CLEAR PATH for ADVISING – *Geology: Environmental Geology, B.S.* 2026-2027

Please refer to the Undergraduate Catalog for further program requirements and course descriptions.

First Year – 28-31 Hours			
Fall Semester:	**Hrs**	***Spring Semester:***	**Hrs**
CHEM 1110/1110L: *General Chemistry 1/Lab* (Natural Science)	4	BIOL 1110/1110L: *Principles of Biology 1/Lab* or ESC: 1500/1500L: *Introduction to Environmental Science 1/Lab*	4
Introductory Geology Course (Natural Science)*	4	GEOL 1120/1120L: *Historical Geology/Lab*	4
MATH 1730: *Precalculus,* MATH 1830: *Calculus for Management, Life, and Social Sciences,* or MATH 1950: *Calculus with Analytic Geometry 1* (Quantitative Reasoning)	3-4	Writing and Communication (ENGL 1020)	3
Writing and Communication (ENGL 1010 or 1011)	3-4	Quantitative Reasoning	3-4
	14-16		14-15
Second Year – 28-30 Hours			
Fall Semester:	**Hrs**	***Spring Semester:***	**Hrs**
GEOL 3230: *Environmental Geology*	4	ENGL 2810: *Technical Writing* or ENGL 2820: *Scientific Writing*	3
GEOL 3410: *Mineralogy*	4	Approved Science with Lab to complete sequence**	4
PHYS 1030/1030L: *General Physics - Mechanics and Heat/Lab* or PHYS 2300/2300L: *Principles of Physics - Mechanics and Heat/Lab*	4	Humanities and Fine Arts	3-4
Behavioral and Social Science	3	Individual and Global Citizenship	3-4
	15		13-15
Third Year – 26-36 Hours			
Fall Semester:	**Hrs**	***Spring Semester:***	**Hrs**
GEOL 2100/2100L: *Introductory Geographic Information Systems and Remote Sensing/Lab*	4	ESC 4100: *Environmental Law and Agencies* or GEOG 4160: *Climatology*	3
GEOL 4510: *Structural Geology*	4	ESC or GEOL Elective (3000-4000 Level)	3-4
Humanities and Fine Arts	3-4	Behavioral and Social Science	3
Humanities and Fine Arts	3-4	Humanities and Fine Arts	3-4
Elective	0-3	Elective (3000-4000 Level)	0-3
	14-19		12-17
Fourth Year – 29-32 Hours			
Fall Semester:	**Hrs**	***Spring Semester:***	**Hrs**
GEOL 3540: *Sedimentology and Stratigraphy*	4	ESC/BIOL 4680: *Introduction to Soil Resources* or GEOL 3220: *Soil Properties, Genesis, and Development Across the Landscape*	4
GEOL 4450: *Hydrology*	4	GEOL 4080: *Geomorphology*	4
Capstone Research (4000 Level)	4	Elective	3
Elective	3	Elective	3
Elective	0-3		
	15-18		14

*GEOL 1025, 1030, or 1110 with GEOL 1110L or GEOL 1040, 2200, or 2250 with GEOL 1105L

**BIOL 1120/1120L, ESC 1510/1510L, CHEM 1120/1120L, PHYS 1040/1040L, or PHYS 2310/2310L

Students must have completed a minimum of 30 hours of Geology coursework to take licensure exam.

Completed:			
Graduation Requirements:	**Hrs**	**Degree Requirements:**	**Hrs**
120 Total Hours		30-37 General Education Hours	
39 Upper Division (3000-4000 Level) Hours		72-74 Program (Major) Hours	
30 Hours at UTC		Minor *(Not Required)*	
45 Hours at 4-year Institution		9-18 Elective Hours	
		Foreign Language *(Not Required)*	