CLEAR PATH for ADVISING – *Geology: Geospatial Science B.S.*   2023-2024

First Year – 30-32 Hours			
Fall Semester:	Hrs	*Spring Semester:*	Hrs
Introductory Geology Course (Natural Science)	4	GEOL 1120/1120L: *Historical Geology/Lab*	4
BIOL 1110: *Principles of Biology/Lab* or ESC 1500: *Intro. to Environmental Science/Lab* (Natural Science)	4	CHEM 1110/1110L: *General Chemistry I/Lab*	4
MATH 1730: *Combined Precalculus* or 1950: *Calculus w/ Analytic Geometry I* (Quantitative Reasoning)	4	Humanities and Fine Arts	3-4
Writing and Communication (ENGL 1010 or 1011)	3-4	Writing and Communication (ENGL 1020)	3
		Elective (MATH 1799 recommended)	1
	15-16		15-16
Second Year – 27-33 Hours			
Fall Semester:	Hrs	*Spring Semester:*	Hrs
GEOL 3410/3410L: *Mineralogy/Lab*	4	Approved Science with Lab	4
PHYS 1030/1030L: *Gen Physics-Mechanics & Heat/Lab,* or 2 300/2300L: *Principles of Physics-Mechanics & Heat/Lab*	4	ENGL 2810: *Technical Writing* or ENGL 2820: *Scientific Writing*	3
Behavioral and Social Sciences	3	Quantitative Reasoning	3-4
Humanities and Fine Arts	3-4	Humanities and Fine Arts	3-4
		Elective	0-3
	14-15		13-18
Third Year – 27-0 Hours			
Fall Semester:	Hrs	*Spring Semester:*	Hrs
GEOL 2100/2100L: *Introductory Geographic Information Systems and Remote Sensing/Lab*	4	GEOL 3540/3540L: *Sedimentology and Stratigraphy*	4
Individual and Global Citizenship	3-4	GEOL 4080: *Earth Surface Processes*	3
Behavioral and Social Sciences	3	Geospatial Technology elective (4000 level)	4
Humanities and Fine Arts	3-4	GEOL elective (2000-4000 Level)	3
Elective	0-3		
	13-16		14
Fourth Year – 27-32 Hours			
Fall Semester:	Hrs	*Spring Semester:*	Hrs
GEOL 4510/4510L: *Structural Geology/Lab*	4	GEOL 4530: *Geographic Information Systems for Geoscientists*	4
Capstone Research	4	GEOL Elective	1-3
GEOL 4550: *Remote Sensing for Geoscientists*	3	GEOL 4450: *Hydrology* or GEOL 4490: *Hydrologic Modeling*	4
GEOL elective (2000-4000 Level)	4	GEOL 4080: *Earth Surface Processes*	3
Elective	0-3		
	15-18		12-14

Completed:			
Graduation Requirements:	Hrs	**Degree Requirements:**	Hrs
120 Total Hours		30-37 General Education Hours	
39 Upper Division (3000-4000) Hours		80-82 Program (Major) Hours	
30 Hours at UTC		Minor *(Not Required)*	
45 Hours at 4-year Institution		1-10 Elective Hours	
		Foreign Language *(Not Required)*	