

**B.S. Geology: Environmental Geology**

This pathway leads from a Geosciences, A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science degree with a major in Geology: Environmental Geology from the University of Tennessee at Chattanooga.

**Chattanooga State Community College**

<b>First Year – 30 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II*	3
GEOL 1040: Physical Geology	4	GEOL 1050: Historical Geology*	4
MATH 1910: Calculus I	4	Social/Behavioral Science to satisfy Gen Ed	3
GEOG 1012: Cultural Geography or GEOG 2010: World Regional Geography	3	Math and/or Science Area of Emphasis (MATH 1530: Introductory Statistics)	3
		History to satisfy Gen Ed	3
	14		16
<b>Second Year – 31 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
CHEM 1110: General Chemistry I, Physics, Biology, or Science course**	4	CHEM 1120: General Chemistry II, Physics, Biology, or Science course**	4
Math and/or Science Area of Emphasis**	4	Humanities/Fine Arts to satisfy Gen Ed	3
COMM 2025: Fundamentals of Communication	3	History to satisfy Gen Ed	3
Literature to satisfy Gen Ed	3	Elective (Approved Sequence Science)**	3
Humanities/Fine Arts to satisfy Gen Ed	3		
	17		14

\* Must earn a C or better grade

\*\* Must take first course in sequence (CHEM 1110/L, PHYS 1030/L or PHYS 2300/L, and BIOL 1110/L or ESC 1500/L) and take one course as second sequence from (CHEM 1120/L, PHYS 1040/L or PHYS 2310/L and BIOL 1120 or ESC 1510).

Students should verify Chattanooga State Community College graduation requirements.

**University of Tennessee at Chattanooga**

<b>Third Year – 30-31 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
GEOL 1230/1230L: Environmental Geology	4	GEOL 3540/3540L : Sedimentology & Stratigraphy/Lab	4
GEOL 3410/3410L: Mineralogy/Lab	4	ESC/BIOL 4680: Intro to Soil Resources or GEOL 3220: Soil Properties, Genesis, & Development Across the Landscape	4
GEOL Elective (3000-4000 level)	3-4	GEOL 2100/2100L: Introductory Geographic Information Systems and Remote Sensing/Lab	4
ENGL 2810: Technical Writing or ENGL 2820: Scientific Writing	3	GEOL 4080: Earth Surface Processes	4
	14-15		16
<b>Fourth Year – 29-30 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
Capstone Research	4	ESC 4070: Environmental Conservation	3
GEOL 4510/4510L: Structural Geology/Lab	4	ESC/BIOL 4680: Intro to Soil Resources or GEOL 3220: Soil Properties, Genesis, & Development Across the Landscape	4
GEOL 4450: Hydrology	3	Elective**	4
BIOL or ESC course (3000-4000 Level)	3-4	Elective	4
	14-15		15

\*Hours at the 3000-4000 may be needed to meet upper division hour requirement

\*\*Must be approved science sequence course if not completed at 2 year institution

<b>Completed:</b>			
<b>Graduation Requirements:</b>		<b>Degree Requirements:</b>	
120 Total Hours		30 General Education Hours	
39 Upper Division (3000-4000) Hours		82 Program (Major) Hours	
30 Hours at UTC		Minor Hours ( <i>Not Required</i> )	
45 Hours at 4-year institution		8 Elective Hours	
		Foreign Language Hours ( <i>Not Required</i> )	

This Transfer Path is a supplemental resource only. Students should consult their catalog year for official lists of general education courses, program requirements, pre-requisites, and co-requisites.