

***B.S.C.E. Civil Engineering: Environmental***

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

**Chattanooga State Community College**

<b>First Year – 33 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
Social/Behavioral Science to satisfy Gen Ed	3	CHEM 1110: General Chemistry I	4
MATH 1910: Calculus I*	4	MATH 1920: Calculus II*	4
Humanities/Fine Arts to satisfy Gen Ed	3	Humanities/Fine Arts to satisfy Gen Ed	3
History to satisfy Gen Ed	3	History to satisfy Gen Ed	3
	16		17
<b>Second Year – 33 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENGR 2110: Statics*	3	ENGR 2120: Dynamics*	3
Social/Behavioral Science to satisfy Gen Ed	3	PHYS 2120: Calculus-Based Physics II	4
PHYS 2110: Calculus-Based Physics I*	4	MATH 2120: Differential Equations	3
MATH 2050: Calculus based Probability and Statistics	3	MATH 2010: Introduction to Linear Algebra	3
MATH 2110: Calculus III	4	Literature to satisfy Gen Ed	3
	17		16

\* Must earn a C or better grade

Students should verify Chattanooga State Community College graduation requirements.

**University of Tennessee at Chattanooga**

<b>Third Year – 36-37 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENCE 1010: Intro to Civil Engineering	2	ENCE 3610/3610L: Soil Mechanics/Lab	4
ENCE 1020: Intro to Engineering Graphics	1	ENCE 3640: Structural Analysis I	3
ENCE 2460/2460L: Mechanics of Materials/Lab	4	ENCE 2620/2620L: Intro to Geomatics/Lab	3
ENCE 2010: Intro to Environmental Engineering	3	ENME 2240: Intro to Engineering Computations	3
ENME 3070/3070L: Fluid Mechanics/Lab	4	Engineering Specialty Elective (3000 Level)	3
Approved Science Elective	3-4	ENCE 3380: Water Resources Engineering	3
	17-18		19
<b>Fourth Year – 34 Hours</b>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENCE 3850: Interdisciplinary Design Project I	3	ENCE 4850: Interdisciplinary Design Project II	3
ENCE 3620: Transportation Engineering I	3	ENCE 4480: Urban Stormwater Management	3
ENCE 4610: Foundation Analysis Design	3	ENCE 4380: Wastewater and Water Treatment	3
Approved Environmental Engineering Elective	3-4	ENCE 3520: Engineering Economy	3
ENCE 3500/3500L: Civil Engineering Materials/Lab	4	ENCE 3680: Design of Concrete Structures	3
		Engineering Specialty Elective (4000 Level)	3
	16-17		18

<b>Completed:</b>			
<b>Graduation Requirements:</b>		<b>Degree Requirements:</b>	
128 Total Hours		21 General Education Hours	
39 Upper Division (3000-4000) Hours		106-107 Program (Major) Hours	
30 Hours at UTC		Minor Hours ( <i>Not Required</i> )	
60 Hours at 4-year institution		6 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.