

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

First Year – 33 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
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
Second Year – 33 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
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

Third Year – 36-37 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
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
Fourth Year – 34 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENCE 3850: Interdisciplinary Design Project I	3	ENCE 4500: Civil Engineering Design Project	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	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		18

Completed:

Graduation Requirements:		Degree Requirements:	
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.