Please see the Courses section of this catalog for complete course descriptions.

First Year – 30-32 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
ENME 1030/1030L: Basic Engineering Science/Lab	4	ENCE 1040: Vector Statics	3		
ENCE 1010: Intro to Civil Engineering	2	CHEM 1110/1110L: General Chemistry I/Lab (Nat. Science)	4		
ENCE 1020: Intro to Engineering Graphics	1	MATH 1920: Calculus II (or MATH 1960)	3-4		
MATH 1950: Calculus w Analytic Geometry I (Math)	4	MATH 2200: Elementary Linear Algebra	3		
ENGL 1010 or 1011 (Rhetoric and Writing I)	3-4	ENGL 1020 or HIST 2100 (Rhetoric and Writing II)	3		
	14-15		15-16		
Second Year – 35-37 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
ENCE 2460/2460L: Mechanics of Materials/Lab	4	ENCE 2220: Probablity & Stats for Engineering (Stats)	3		
ENCE 2010: Intro to Environmental Engineering	3	ENME 2240: Intro to Engineering Computations	3		
MATH 2450: Intro to Differential/Difference Equations	3	ENME 2480: Dynamics	3		
PHYS 2310/2310L: Principles of Physics - Electricity & Magnetism/Lab (Natural Science)	4	MATH 2550: Multivariable Calculus (or 2560)	3-4		
Fine Arts and Humanities*	3	ENCE 2620/2620L: Intro to Geomatics/Lab	3		
		Approved Science Elective	3-4		
	17		18-20		
Third Year – 33 Hours					
Fall Semester:	Hrs	Spring Semester:	Hrs		
ENME 3070/3070L: Fluid Mechanics/Lab	4	ENCE 3610/3610L: Soil Mechanics/Lab	4		
ENCE 3640: Structural Analysis I	3	ENCE 3680: Design of Concrete Structures	3		
ENCE 3500/3500L: Civil Engineering Materials/Lab	4	ENCE 3380: Water Resources Engineering	3		
Engineering Speciality Elective (3000 Level)	3	ENCE 3520: Engineering Economy	3		
Behavioral and Social Science (ECON 1020)	3	Behavioral and Social Science (ECON 1010)	3		
	17		16		
Fourth Year – 30 Hours					
Fall Semester:	Hrs	Spring Semester:	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	Fine Arts and Humanities*	3		
Engineering Specialty Elective (4000 Level)	3	Non-Western Culture	3		
	15		15		

^{*}Fine Arts and Humanities: 6 hours must be taken so that two different categories in FAH: Historical Understanding; Literature; Thought, Values & Beliefs; or Visual & Performing Arts are satisfied.

Completed:				
Graduation Requirements:	Hrs	Degree Requirements:	Hrs	
128 Total Hours		24-25 General Education Hours		
39 Upper Division (3000-4000) Hours		104 Program (Major) Hours		
32 Hours at UTC		Minor (Not Required)		
60 Hours at 4-year Institution		Electives (Not Required)		
		Foreign Language (Not Required)		