

Environmental Science: Engineering Science, B.S.

[Please see the Courses section of this catalog for complete course descriptions.](#)

First Year – 31-34 Hours			
Meet with Academic Advisor two times each semester.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ESC 1500/1500L (Natural Science)	4	ESC 1510/1510L (Natural Science)	4
BIOL 1110/1110L (Natural Science)	4	BIOL 1120/1120L (Natural Science)	4
MATH 1710 (or 1720 or 1730 or 1950)	3-4	MATH 1720 (or 1730 or 1950)	3-4
ENME 1011	1	ENME 1850	2
ENGL 1010 or ENGL 1011	3-4	ENGL 1020 or HIST 2100	3
	15-17		16-17
Second Year – 28-32 Hours			
Using MyMocsDegree, create course plan for your remaining degree requirements.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENCE 2110	3	BIOL 3060/3070	4
CHEM 1110/1110L (Natural Science)	4	CHEM 1120/1120L (Natural Science)	4
MATH 1950 (Mathematics) (or Elective)	0-4	MATH 1960	4
FAH: Historical Understanding	3	MATH 2200	3
ENGL 2820*	3		
	13-17		15
Third Year – 29-33 Hours			
Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ESC 3400/3400L or 3600 or 4520/4520L	3-4	GEOG 2210	3
CHEM 3010/3010L	4	ENCE 1040	3
ENEV 3310	3	MATH 2450	3
ENME 1030/1030L	4	FAH: Literature	3
Elective	0-3	Behavioral and Social Sciences	3
	14-18		15
Fourth Year – 29 Hours			
Complete your Graduation application with the Records Office.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
Approved Senior Experience	2	ESC 4100	3
ENEV 4370	3	ESC 4840	3
ENME 2240	3	FAH: Visual and Performing Arts	3
MATH 2100 (Statistics)	3	Non-Western Culture	3
FAH: Thought, Values and Beliefs	3	Behavioral and Social Sciences	3
	14		15

*Students can substitute ESC 4995r (Departmental Thesis) for ENGL 2820.

**13-14 hours of 3000-4000 needed within General Education, Senior Experience, or Electives.

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
121 Total Hours		27-28 General Education Hours	
39 Upper Division (3000-4000) Hours*		95-98 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
60 Hours at 4-year Institution		0-10 Elective Hours	
		Foreign Language (<i>Not Required</i>)	