

***Environmental Science: Engineering Science, B.S.***

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

<b>First Year – 31-32 Hours</b>			
Meet with Academic Advisor two times each semester.			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
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	3	MATH 1720	3
ENME 1011	1	ENME 1850	2
ENGL 1010 or ENGL 1011	3-4	ENGL 1020 or HIST 2100	3
	15-16		16
<b>Second Year – 32 Hours</b>			
Using MyMocsDegree, create course plan for your remaining degree requirements.			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENCE 2110	3	BIOL 3060/3070	4
CHEM 1110/1110L (Natural Science)	4	CHEM 1120/1120L (Natural Science)	4
MATH 1950 (Mathematics)	4	MATH 1960	4
FAH: Historical Understanding	3	MATH 2200	3
ENGL 2820*	3		
	17		15
<b>Third Year – 29-30 Hours</b>			
Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities.			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
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
		Behavioral and Social Sciences	3
	14-15		15
<b>Fourth Year – 29 Hours</b>			
Complete your Graduation application with the Records Office.			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
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.

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
120 Total Hours		27-28 General Education Hours	
39 Upper Division (3000-4000) Hours*		94-96 Program (Major) Hours	
30 Hours at UTC		Minor ( <i>Not Required</i> )	
60 Hours at 4-year Institution		Elective Hours ( <i>Not Required</i> )	
		Foreign Language ( <i>Not Required</i> )	