

**CLEAR PATH for ADVISING –
Engineering: STEM Education, B.S.E.**

2015-2016

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

First Year – 33-34 Hours			
<ul style="list-style-type: none"> Meet with Academic Advisor two times each semester. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENGR or ENME 1030/1030L	4	STEM 1030 or STEM 1010 and 1020	2
ENGR 1011	1	ENGR or ENCE 1040	3
MATH 1950 (Mathematics)	4	ENGR 1850	2
CHEM 1110/1110L (Natural Science)	4	MATH 1960	4
ENGL 1010 or 1011	3-4	MATH 2200	3
		ENGL 1020 or HIST 2000	3
	16-17		17
Second Year – 33-34 Hours			
<ul style="list-style-type: none"> Using MyMocsDegree, create course plan for your remaining degree requirements. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 2010	3	STEM 2020	3
ENEE 2700/2710L	4	ENGR 2220 (Statistics)	3
ENGR or ENME 2240 or ENEE 2250	3	ENGR or ENCE 2460/2460L	4
MATH 2450	3	ENGR or ENME 2480	3
PHYS 2310/2310L (Natural Science)	4	MATH 2550 or 2560	3-4
	17		16-17
Third Year – 31 Hours			
<ul style="list-style-type: none"> 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
STEM 3010 (FAH: Thought, Values and Beliefs)	3	STEM 3020	3
Behavioral and Social Sciences (ECON 1010)	3	ENEE 3700	3
MATH 2300	3	ENGR or ENCH 3280/3280L	4
Engineering Elective (3000-4000 Level)	3	ENGR 3050 or ENGR or ENME or ENCH 3030	3
Engineering Elective	3	Behavioral and Social Sciences (ECON 1020)	3
	15		16
Fourth Year – 31-32 Hours			
<ul style="list-style-type: none"> Complete your Graduation application with the Records Office. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 4010	3	STEM 4020	6
ENGR 3850	3	ENGR 4850 or ENGR 4995	3-4
ENGR 3520	3	FAH: Hist Und. or Lit. or Vis. & Perf. Arts	3
Engineering Elective (3000-4000 Level)	3	Non-Western Culture	3
Engineering Elective (3000-4000 Level)	3	Engineering Lab Elective	1
	15		16-17
Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
120 Total Hours		18-19 General Education Hours	
39 Upper Division (3000-4000) Hours		110-112 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
60 Hours at 4-year Institution		Electives (<i>Not Required</i>)	
		Foreign Language (<i>Not Required</i>)	