

# CLEAR PATH for ADVISING – *Engineering: Industrial, B.S.E.* 2015-2016

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

<b>First Year – 31-32 Hours</b>			
<ul style="list-style-type: none"> <li>Meet with Academic Advisor two times each semester.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENGR 1011	1	ENGR or ENCE 1040	3
ENGR or ENME 1030/1030L	4	ENGR 1850	2
MATH 1950 (Mathematics)	4	MATH 1960	4
CHEM 1110/1110L (Natural Science)	4	MATH 2200	3
ENGL 1010 or 1011	3-4	ENGL 1020 or HIST 2000	3
	16-17		15
<b>Second Year – 33-34 Hours</b>			
<ul style="list-style-type: none"> <li>Using MyMocsDegree, create course plan for your remaining degree requirements.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENEE 2250	3	ENGR 2220 (Statistics)	3
ENEE 2700/2710L	4	ENGR or ENCE 2460/2460L	4
PHYS 2310/2310L (Natural Science)	4	ENGR or ENME 2480	3
MATH 2450	3	MATH 2550 or 2560	3-4
Non-Western Culture	3	Behavioral and Social Sciences (ECON 1010)	3
	17		16-17
<b>Third Year – 33 Hours</b>			
<ul style="list-style-type: none"> <li>Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
Behavioral and Social Sciences (ECON 1020)	3	ENGR 3700	3
ENIE 3520	3	ENGR 3850	3
ENIE 3510	3	ENIE 3540	3
ENCH 3310	3	ENIE 3580	3
ENGR or ENME 3050	3	Approved Technical Elective (3000-4000 Level)	3
		Fine Arts and Humanities*	3
	15		18
<b>Fourth Year – 31-32 Hours</b>			
<ul style="list-style-type: none"> <li>Complete your Graduation application with the Records Office.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENGR or ENCH 3280/3280L	4	ENIE 4410	3
ENIE 4610	3	ENIE 4430	3
ENGR 4850 or ENGR or ENIE 4995	3-4	ENIE 4500	3
ENIE 4570	3	Approved Technical Elective (3000-4000 Level)	3
ENIE 4580	3	Fine Arts and Humanities*	3
	16-17		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.

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
128 Total Hours		21-22 General Education Hours	
39 Upper Division (3000-4000) Hours		107-109 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> )	