

CLEAR PATH – Engineering: Interdisciplinary, B.S.E.

2014-2015

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

Freshman Year			
<ul style="list-style-type: none"> Meet with Academic Advisor two times each semester. Go to every class. Contact your instructor if you are absent. Devote enough time to your studies and think about course materials and how they apply to your life. Become actively involved in at least one co-curricular activity. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CHEM 1110 and 1110L	4	ENGL 1020	3
ENGL 1010	3	MATH 1960	4
MATH 1950	4	MATH 2200	3
ENGR 1011	1	ENGR 1040	3
ENGR 1030 and 1030L	4	ENGR 1850	2
	16		15
Sophomore Year			
<ul style="list-style-type: none"> Using MyMocsDegree, create course plan for your remaining degree requirements. Involve yourself in learning opportunities that are challenging and relevant. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
MATH 2450	3	MATH 2550 or MATH 2560	3-4
PHYS 2310 and 2310L	4	ENGR 2220	3
ENEE 2250	3	ENGR 2450 and 2460L	4
ENEE 2700 and 2700 L	4	ENGR 2480	3
Non-Western Culture	3	Fine Arts and Humanities Subcategory	3
	17		16-17
Junior Year			
<ul style="list-style-type: none"> Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities. Develop your job or graduate school strategy. Update your graduation plan as necessary. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENGR 3520	3	ENGR 3700	3
ENGR 3030 (<i>fall</i>) or ENGR 3050 (<i>spring</i>)	3	ENGR 3280 and 3280L	4
Engineering technical elective*	3	Engineering technical elective*	1-3**
Engineering technical elective*	1-3**	University elective	3-4**
University elective	3-4**	Behavioral and Social Sciences	3
Behavioral and Social Sciences	3		
	16-18		14-16
Senior Year			
<ul style="list-style-type: none"> Participate in a capstone experience related to your field of study. See additional learning activities aligned with your plans after graduation Implement the job or graduate school strategy you developed during your junior year. Complete your Graduation application with the Records Office. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENGR 3850	3	ENGR 4850	3
Engineering technical elective*	3	Engineering technical elective*	3
Engineering technical elective*	1-3**	Engineering technical elective*	3
University elective	3-4**	Engineering technical elective*	3
Fine Arts and Humanities Subcategory	3	University elective	3-4**
Engineering technical elective*	1-3**		
	13-16		15-16

* in CPEN, ENGR, ENCH, ENCE, ENEE, ENIE, ENME, ENEV (no more than 2 below 3000-level)

** 23 – 24 hours in engineering electives, 16 in University electives (which can be engineering), 35-36 hours total.

Total required hours is 128.