



REQUIREMENTS TOWARDS THE COMPLETION OF THE BACHELOR'S DEGREE

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
ENGL 1157	3	ENGL 2152	3
ENGL 1158 or 1159 ¹	3	ENGL Literature ²	3
MATH 2114 ³ (4), 2124 ³ (4)	8	Humanities Elective ²	3
Biology Elective	3	ECON 2000	3
Arts (Fine Arts, Music, FTA except 2650, 2660)	3	Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN)	3
PHYS 1061 (3), 1062 (3)	6		
		Total	41

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
ENGR 3090	1	PHYS 1063 (1), 1065 (1), 3064 (3)	5
ENEE 1530 (3), 2530 (3)	6	MATH 2134 (4), 2221 (3), 3511 (3)	10
ENEE 2550 (3), 2551 (3), 2510(1)	7	PHIL 2244	1
ENEE 2582 (3), 2586 (2)	5	CHEM 1017	3
		Total	40⁴

Major Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
ENEE 3512 (1), 3582 (3)	4	ENEE 3091 (1), 3092 (3)	4
ENEE 3517 (1), 3540 (3), 3543(3)	7	ENEE Electives (3xxx or 4xxx)	3
ENEE 3530 (3), 3572 (3)	6	ENEE Elective ^{5,6} or CSCI Elective ⁵	3
ENEE 3587 ⁵ (3) or ENEE electives ⁶	4	MATH 3721 ⁵ or ENEE 3560 ⁶	3
ENEE 3583 ⁵ or ENEE 3533	3	ENEE Electives 5000-level	6
		Total	43

Graduate Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
ENEE 6000-level	3	XXXX ⁹ 6000-level	3
ENEE 5000- or 6000-level	3	ENEE 6000-level	3
ENEE 6000-level	3	ENEE 6000-level ⁷ or ENGR 7000 ⁸	3
XXXX ⁹ 6000-level	3	ENEE 6095 ⁷ or ENGR 7000 ⁸	3
ENEE 6001	0	ENEE 6001	0
		Total	24
Total Credit Hours Required			146

1. "C" or better required

2. Check the list of General Education Courses to confirm what courses fulfill this requirement.

3. 6 credits of Math satisfy the General Education requirements. Check the list of General Education courses for courses fulfilling this requirement.

4. Includes 2 credits of Math listed in General Education requirements section

5. Required courses for Electrical Engineering Degree with Computer Engineering concentration

6. Required courses for Electrical Engineering Degree with no concentration

7. Required for non-Thesis option

8. Required for Thesis option

9. Up to 6 hours of 6000-level courses may be taken in other disciplines with advisor's approval



5 Year Plan of Study			
First Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
MATH 2114	4	MATH 2124	4
PHYS 1061	3	PHYS 1062	3
PHYS 1063	1	PHYS 1065	1
ENEE 1530	3	ENEE 2582	3
ENGL 1157	3	ENGL 1158 or 1159	3
PHIL 2244	1	CHEM 1017	3
Total Hours	15		17
Second Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
MATH 2221	3	MATH 2134	4
MATH 3511	3	ENEE 2551	3
ENEE 2550	3	ENEE 2510	1
ENEE 2530	3	PHYS 3064	3
ENEE 2586	2	Literature Elective	3
ENGL 2152	3		
Total Hours	17		14
Third Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
ENEE 3540	3	ENEE 3533 <i>or</i> ENEE 3583	3
ENEE 3530	3	ENEE 3572	3
ENEE 3560 <i>or</i> MATH 3721	3	ENEE 3543	3
Biology Elective	3	ENEE 3517	1
ECON 2000	3	ENEE 3582	3
		ENEE 3512	1
Total Hours	15		14
Fourth Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
Arts Elective	3	ENEE Elective	3
Sociology Elective	3	ENEE Elective 5000-level*	3
ENGR 3090	1	ENEE Elective 5000-level*	3
ENEE 3091	1	ENEE 3092	3
ENEE Elective	3	Humanities Elective	3
ENEE Elective & lab <i>or</i> ENEE 3587	4		
Total Hours	15		15
Total Degree Hours	122	* Courses satisfying both BS and MS requirements	
Fifth Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hours
ENEE 6001	0	ENEE 6001	0
ENEE 6000-level <i>or</i> ENGR 7000+	3	ENEE 6095 <i>or</i> ENGR 7000+	3
ENEE 5000- <i>or</i> 6000-level	3	ENEE 6000-level	3
ENEE 6000-level	3	ENEE 6000-level	3
XXXX** 6000-level	3	XXXX** 6000-level	3
Total Hours	12		12
Total Degree Hours	146		

+ Required for Thesis option ++ Up to 6 hours of 6000-level courses may be taken in other disciplines with advisor's approval