

Degree Requirements

COLLEGE OF ENGINEERING

Bachelor of Science in Electrical Engineering

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
English		PHYS 1062	3
ENGL 1157	3	Humanities	
ENGL 1158 or 1159 ¹	3	ENGL 2152	3
Mathematics		ENGL Literature	3
MATH 2114 ³	4	Humanities Electives ²	3
MATH 2124 ³	4	Social Sciences	
Science		ECON 2000	3
BIOS	3	Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN)	3
PHYS 1061	3	Arts (Fine Arts, Music, FTA except 2650, 2660)	3
Total			39

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CHEM 1017	3	MATH 3511	3
CSCI 1205, 2025	6	PHYS 1063	1
ENGR 3090	1	PHYS 1065	1
ENEE 2510, 2550, 2551	7	PHYS 2064	3
ENEE 2582, 2586	4	PHIL 2244	1
MATH 2134	4	MATH 2221	3
Total			39⁴

Course Requirements for Major			
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)	9
ENEE 3530 (3), 3572 (3)	6	ENEE Elective ^{5,6} or CSCI Elective ⁵	3
ENEE 3514 ⁵ , 3583 ⁵ or ENEE Electives ⁶	4	MATH 3721 ⁵ or ENEE 3560 ⁶	3
ENEE 3587 ⁵ or 3533 ⁶	3		
Total			43

¹ "C" or better required.

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

³ 6 credits of Math satisfy the General Education requirements. Check General Education Courses to confirm what courses fulfill 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

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Computer Engineering Concentration			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
ENEE 3514, 3583	4	MATH 3721	3
ENEE 3587	3	ENEE Elective or CSCI Elective	3
Total			13

Total Credit Hours Required
121

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.