

Recommended Four-Year Plan of Study COLLEGE OF ENGINEERING
Bachelor of Science in Electrical Engineering, Computer Engr. Concentration

Four Year Plan of Study			
First Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hour
MATH 2114 - Calculus I	4	MATH 2124 - Calculus II	4
PHYS 1061 - Physics for Sci & Engr I	3	PHYS 1062 - Physics for Sci & Engr II	3
PHYS 1063 - Physics Lab for Sci & Engr I	1	PHYS 1065 - Physics Lab for Sci & Engr II	1
ENEE 1530 - Engineering Software Tools	3	ENEE 2582 - Digital System Design	3
ENGL 1157 - English Composition I	3	CHEM 1017 - General Chemistry I	3
UNIV 1001 - Univ Success or ENGR 1000 ¹	1	ENGL 1158 or 1159 - English Composition II	3
PHIL 2244 - Engineering Ethics	1		
Total Hours	16	Total Hours	17
Second Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hour
MATH 2221 - Elem Differential Equations	3	MATH 2134 - Calculus III	4
MATH 3511 - Linear Algebra	3	ENEE 2551 - Circuits II	3
ENEE 2550 - Circuits I	3	ENEE 2510 - Circuits Lab	1
ENEE 2530 - EE Software Tools	3	ENGL 2152 - Technical Writing	3
PHYS 3064 - Modern Physics	3	Literature Elective	3
ENEE 2586 - Digital Systems Design Lab	2		
Total Hours	17	Total Hours	14
Third Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hour
ENEE 3530 - Cont & Discrete Signals & Sys	3	ENEE 3572 - Prob Meth Signal Sys Analysis	3
ENEE 3540 - Engineering Electronics	3	ENEE 3543 - Engineering Electronics Syst	3
MATH 3721 - Intro to Discrete Structures	3	ENEE 3517 - Engineering Electronics Lab	1
Humanities Elective	3	ENEE 3582 - Digital Design Using Micros	3
ECON 1203 - Microecon or 1330 - Intro to financial literacy	3	ENEE 3512 - Microprocessor Design Lab	1
		Art Elective	3
Total Hours	15	Total Hours	14
Fourth Year of Enrollment			
First Term		Second Term	
Course Prefix & Number	Credit Hours	Course Prefix & Number	Credit Hour
Social Science Elective	3	ENEE Elective 3000+	3
ENEE 3587 - Microcontroller Interfacing	4	ENEE Elective 3000+	3
ENEE 4091 - Senior EE Design Project I	1	ENEE or CSCI Elective 3000+	3
ENGR 3090 - Senior Seminar	1	ENEE 4092 - Senior EE Design Project II	3
ENEE 3583 - Computer System Design	3	BIOS Elective	3
ENEE Elective 3000+	3		
Total Hours	15	Total Hours	15
Total Degree Hours			123

¹ UNIV 1001/ENGR1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree, which requires 122 credit hours.