Electrical Engineering - Computer Engineering Emphasis, B.S.E. 4-Year Plan Worksheet

Bulletin Year: 2017-2018

Consult your advisor regarding proper course sequencing and course selection for the major.
Suggested sequence, but students often take courses in a modified order.
All students must complete five flags to graduate. Each student is responsible for ensuring she/he fulfills all graduation requirements.

First Year

First Semester					Second Semester				
		Requirement Met					Requirement Met		
Course Name	Units	Major	Core	Elective	Course Name	Units	Major	Core	Elective
Engr 100	3	✓			Biology 114	3	✓		
Chem 111	1	✓			Engr 160	3	✓		
Chem 114	3	✓			Math 132 *ESTM Core*	4	✓	✓	
Math 131 *FQTR Core*	4	✓	✓		Physics 101	4	✓		
FFYS 1000: First Year Seminar *FFYS Core*	3-4		✓		RHET 1000: Rhetorical Arts *FRTA Core*	3-4		✓	
Total Units	14-15				Total Units	17-18			

Second Year

First Semester					Second Semester				
		Requirement Met					Requirement Met		
Course Name	Units	Major	Core	Elective	Course Name	Units	Major	Core	Elective
Electrical Eng 210	3	✓			Electrical Eng 220	3	✓		
Electrical Eng 213	0	✓			Electrical Eng 281	3	✓		
CMSI 185	3	✓			Math 245	3	✓		
Math 234	4	✓			CMSI 186	3	✓		
Physics 201 *FLAG: LQTR*	4	✓	✓		PHIL 1800: Philosophical Inquiry *FPHI Core*	3-4		✓	
THST 1XXX: Theological Studies *FTHI Core*	3-4		✓						
Total Units	17-18				Total Units	15-16			

Third Year

First Semester					Second Semester				
		Requirement Met					Requirement Met		
Course Name	Units	Major	Core	Elective	Course Name	Units	Major	Core	Elective
Electrical Eng 301 *FLAG: LWRT*	3	✓	✓		Electrical Eng 302	3	✓		
Electrical Eng 353	3	✓			Electrical Eng 354	3	✓		
Electrical Eng 383	3	✓			Electrical Eng 371	3	✓		
CMSI 281	3	✓			CMSI 284	3	✓		
Studies in American Diversity *FDIV Core*	3-4		✓		Faith and Reason *IFTR Core*	3-4		✓	
Total Units	15-16				Total Units	15-16			

Fourth Year

First Semester					Second Semester				
		Requirement Met					Requirement Met		
Course Name	Units	Major	Core	Elective	Course Name	Units	Major	Core	Elective
Electrical Eng 584	3	✓			Electrical Eng 402 *FLAGS: LINL and LORS*	3	✓	✓	
Electrical Eng 400 *FLAG: LENL*	2	✓	✓		Electrical Eng 424	3	✓		
Electrical Eng 401	3	✓			Math 355	3	✓		
Electrical Eng 423	3	✓			Upper-Division Elective	3-4			✓
Ethics and Justice *IEJT Core*	3-4		✓		Explorations Core *Choose from ECRE, EHAP, or EHBV*	3-4		✓	
Total Units	14-15				Total Units	15-17			

Total Units	**128**
Upper Division Units	47