

Electrical Engineering, 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		Requirement Met		
Course Name	Units	Major	Core	Elective
Engr 100	3	✓		
Chem 111	1	✓		
Chem 114	3	✓		
Math 131 <i>FQTR Core</i>	4	✓	✓	
FFYS 1000: First Year Seminar <i>FFYS Core</i>	4		✓	
Total Units	15			

Second Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Engr 160	3	✓		
Biology 114	3	✓		
Math 132 <i>ESTM Core</i>	4	✓	✓	
Physics 101	4	✓		
RHET 1000: Rhetorical Arts <i>FRTA Core</i>	3		✓	
Total Units	17			

Second Year

First Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Electrical Eng 210	3	✓		
Electrical Eng 213	0	✓		
Engr 200	3	✓		
Math 234	4	✓		
Physics 201 <i>FLAG: LQTR</i>	4	✓	✓	
THST 1XXX: Theological Studies <i>FTHI Core</i>	4		✓	
Total Units	18			

Second Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Electrical Eng 220	3	✓		
Electrical Eng 281	3	✓		
Math 245	3	✓		
Math 250	3	✓		
PHIL 1800: Philosophical Inquiry <i>FPHI Core</i>	4		✓	
Total Units	16			

Third Year

First Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Electrical Eng 301 <i>FLAG: LWRT</i>	3	✓	✓	
Electrical Eng 353	3	✓		
Electrical Eng 383	3	✓		
Studies in American Diversity <i>FDIV Core</i>	4		✓	
Ethics and Justice <i>IEJT Core</i>	4		✓	
Total Units	17			

Second Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Electrical Eng 302 <i>FLAG: LWRT</i>	3	✓	✓	
Electrical Eng 354	3	✓		
Electrical Eng 371	3	✓		
Math 355	3	✓		
Faith and Reason <i>IFTR Core</i>	4		✓	
Total Units	16			

Fourth Year

First Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Electrical Eng 361	3	✓		
Electrical Eng 400 <i>FLAG: LENL</i>	2	✓	✓	
Electrical Eng 401	3	✓		
Electrical Eng 423	3	✓		
Upper-Division Elective	3			✓
Total Units	14*			

Second Semester		Requirement Met		
Course Name	Units	Major	Core	Elective
Electrical Eng 402 <i>FLAGS: LINL and LORS</i>	3	✓	✓	
Electrical Eng 424	3	✓		
Upper-Division Elective	3			✓
Upper-Division Elective	3			✓
Explorations Core <i>Choose from ECRE, EHAP, or EHBV</i>	3-4		✓	
Total Units	15-16			

Total Units 128

Upper Division Units 46

Notes:

[1] Dean's list requires minimum of 15 units.