

Electrical Engineering B.S.E.E.

2- Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

Potential Entry Level Job Titles:

Systems Engineer ◦ Design Engineer ◦ Process Engineer ◦ Biomedical Engineer ◦
Hardware Engineer ◦ Government Service Technical Service Representative

Potential Entry Level Salary Range:

\$40,000 - \$70,000

Semester 1 - Fall

Crit	Course/Requirement	Credits
<input checked="" type="checkbox"/>	EGN 3000 - Foundations of Engineering	0
<input checked="" type="checkbox"/>	EEL 3705 - Fundamental of Digital Circuit	3
<input checked="" type="checkbox"/>	EEE 3394 - EE Science 1: Electronic Mtrls	3
<input checked="" type="checkbox"/>	EEL 2161 - Programming with C	3
<input checked="" type="checkbox"/>	EGN 3420 - Engineering Analysis	4
<input checked="" type="checkbox"/>	EGN 3373 - Electrical Systems I	3
<input checked="" type="checkbox"/>	EGS 2070 - Prof Form Engineers 1	1
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 2 - Spring

Crit	Course/Requirement	Credits
<input type="checkbox"/>	EEL 3705L - Fund of Digital Circuits Lab	1
<input type="checkbox"/>	EEL 3472C OR (PHY 2049 AND PHY 2049L)	4
<input type="checkbox"/>	EEL 3115L - Laboratory I	1
<input checked="" type="checkbox"/>	EGN 3374 - Intro to Electrical Systems II	3
<input checked="" type="checkbox"/>	EGS 3071 - Prof Form Engineers 2	1
<input type="checkbox"/>	Elective Core	3
<input type="checkbox"/>	Elective Core	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EEL 3163C - Computer Tool Lab	1
<input type="checkbox"/>	EEL 4102 - Signals & Systems	3
<input type="checkbox"/>	Elective Core	3
<input type="checkbox"/>	Elective Core	3
<input type="checkbox"/>		

Semester 4 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EEL 4835 - Programming Design	3
<input type="checkbox"/>	EGS 3072 - Prof Form Engineers 4	1
<input checked="" type="checkbox"/>	EEL 4906 - EE Design 1	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Track Elective	3
<input type="checkbox"/>	Track Elective	3
<input type="checkbox"/>	Track Lab	1
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EEL 4914 - EE Design 3	3
<input type="checkbox"/>	Major Elective	1
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Track Elective	3
<input type="checkbox"/>	Track Elective	3
<input type="checkbox"/>	Track Lab	1
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	EGN 2440 - Prob & Statistics With Calc	3
<input type="checkbox"/>	EGN 2615 - Economical Analysis Of Systems	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		