Electrical Engineering B.S.E.E.

4- Year Plan of Study
Items marked with a ☑ are critical for the student to remain on track for graduation.

Semester 1 - Fall

Crit	Course/Requirement	Credits
☑	CHM 2045 - General Chemistry I	3
☐	CHM 2045L - General Chemistry I Lab	1
☑	EGN 3000 - Foundations of Engineering	0
☐	EGN 3000L - Foundations of Engineering Lab	3
☐	ENC 1101 - Composition I	3
☑	MAC 2311 - Calculus I	4
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Semester 2 - Spring

Crit	Course/Requirement	Credits
☑	EEL 3705 - Fundamental of Digital Circuit	3
☐	ENC 1102 - Composition II	3
☑	MAC 2312 - Calculus II	4
☑	PHY 2048 - General Physics I	3
☐	PHY 2048L - General Physics I Laboratory	1
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Semester 3 - Summer		
Crit	Course/Requirement	Credits
☐	Consider pursuing an Education Abroad, Internship, Community Engagement, or Research Experience in the Summer term.	0
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Semester 4 - Fall		
Crit	Course/Requirement	Credits
☑	EEE 3394 - EE Science 1: Electronic Mtrls	3
☐	EEL 3705L - Fund of Digital Circuits Lab	1
☑	EGN 3420 - Engineering Analysis	4
☑	MAC 2313 - Calculus III	4
☐	Gen-Ed State Humanities (SGEH)	3
☐	Apply for Progression to Upper Division	0
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Semester 5 - Spring		
Crit	Course/Requirement	Credits
☑	EEL 2161 - Programming with C	3
☐	EEL 3472C **OR** (PHY 2049 **AND** PHY 2049L)	4
☑	EGN 3373 - Electrical Systems I	3
☑	EGN 3433 **OR** MAP 2302	3
☑	EGS 2070 - Prof Form Engineers 1	1
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Semester 6 - Summer		
Crit	Course/Requirement	Credits
☐	EGN 2440 - Prob & Statistics With Calc	3
☐	EGN 2615 - Economical Analysis Of Systems	3
☐	Gen-Ed USF Humanities (UGEH)	3
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Semester 7 - Fall		
Crit	Course/Requirement	Credits
☐	EEL 3115L - Laboratory I	1
☐	EEL 3163C - Computer Tool Lab	1
☐	EEL 4102 - Signals & Systems	3
☑	EGN 3374 - Intro to Electrical Systems II	3
☑	EGS 3071 - Prof Form Engineers 2	1
☐	Elective Core	3
☐	Elective Core	3
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Semester 8 - Spring		
Crit	Course/Requirement	Credits
☐	EEL 4835 - Programming Design	3
☐	EGS 3072 - Prof Form Engineers 4	1
☐	Elective Core	3
☐	Elective Core	3
☐	Major Elective	1
☐	Track Elective	3
☐	Track Lab	1
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Semester 9 - Summer		
Crit	Course/Requirement	Credits
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Semester 10 - Fall		
Crit	Course/Requirement	Credits
☑	EEL 4906 - EE Design 1	3
☐	Major Elective	3
☐	Major Elective	3
☐	Track Elective	3
☐	Track Elective	3
☐	Track Lab	1
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Semester 11 - Spring		
Crit	Course/Requirement	Credits
☐	AMH 2010 **OR** AMH 2020 **OR** POS 2041 (SCIV/SGES)	3
☐	EEL 4914 - EE Design 3	3
☐	Major Elective	3
☐	Major Elective	3
☐	Major Elective	1
☐	Track Elective	3
☐	Apply for Graduation	0
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