Bachelor of Science in Electrical Engineering Curriculum Flowchart
(Spring 2020, 132 hours)

Freshman

- MCS 1414 Calculus 1
- CHM 1213 U Chem 1
- EGE 1001 Fund Eng Des
- MCS 1142 Intro to C
- COM 1103 College Comp
- EEE 1001 Intro to ECE

Sophomore

- MCS 1424 Calculus 2
- PHY 2413 U Phys 1
- CHM 1221 U Chem 1 Lab
- LLT 1213 World Masterpieces 1
- SSC 2303 Princ of Econ
- COM 2103 Tech & Prof Com

- MCS 2414 Calculus 3
- PHY 2423 U Phys 2
- PHY 2421 U Phys 1 Lab
- EEE 2214 Dig Elec & Lab
- EEE 2113 World Masterpieces 2
- EEE 2413 Found Ameri Experience

- MCS 2423 Diff Eq
- EME 4603 Intro to Mech. Syst.
- PHY 2413 U Phys 1 Lab
- EEE 2413 Circuits 1
- EEE 2423 Devel Amer Experience

- MCS 3403 Prob & Stat
- EME 4613 Intro to Thermal Syst.
- MCS 1414
- EEE 3414 Microprocessors

Junior

- EEE 2414 EE Lab
- EEE 3413 Adv. Engr Mathematics
- EME 2414
- EME 3253 Intro to ECE

- EEE 3414 Electromag. Fields
- EME 3414
- EME 3011 Intro to ECE Proj

- EEE 3121 CIRCUITS 2
- EME 3121 CIRCUITS 2 Lab
- EEE 3124
- EEE 3233 Microprocessors

- EEE 3234 Intro to CIRCUITS
- EEE 3123 Circuits 2
- EEE 3231 CIRCUITS Lab
- EEE 3011 ECE Proj 1

- EEE 3124 Circuits 2
- EEE 3134 Electronics
- EEE 3233 CIRCUITS Lab
- EEE 3111 Electronics Lab

- EEE 3234 Intro to CIRCUITS
- EEE 3234
- EEE 3234
- EEE 3111 Electronics Lab

Senior

- EEE 4424 Comm. Systems
- EEE 4323 Signals and Systems
- EEE 4xx3 Conc. #2
- EEE 4xx3 Conc. #3
- EEE 4xx3 EE Tech Elective
- EEE 3314 Control Systems & Lab
- EEE 3314 Control Systems & Lab
- EEE 4822 ECE Proj 2

Key: 1 – 2  (1) has to be taken before or concurrently with (2)  XXX YYYY Course Title: Course is on the CRITICAL PATH for 4-year graduation plan

Pre-req  →  XXX YYYY Course Title: Course is on the CRITICAL PATH for 4-year graduation plan

Note: See Program Handout for details about selecting Concentrations and EE Electives & complete pre-req structure (note some lower level pre-reqs are not shown with upper level subjects)