Bachelor of Science in Electrical Engineering Curriculum Flowchart
(Spring 2019, 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
- LLT 1213 World Masterpieces 1
- SSC 2303 Princ of Econ

Sophomore

- MCS 1424 Calculus 2
- PHY 2413 U Phys 1
- PHY 2423 U Phys 2
- EME 4603 Intro to Mech. Syst.
- EEE 2214 Dig Elec & Lab
- COM 1103
- EEE 2114 Circuits 1

Junior

- MCS 2414 Calculus 3
- PHY 2431 U Phys 1 Lab
- PHY 2431 U Phys 2 Lab
- EME 4613 Intro to Thermal Syst.
- EEE 2111 Circuits 1 Lab
- EEE 2114 Circuits 1
- EEE 3124 Circuits 2
- EEE 2111 Circuits 1

Senior

- MCS 2423 Diff Eq
- PHY 2413
- MCS 1414
- EME 4631 Adv. Engr Mathematics
- EME 4613 Intro to Thermal Syst.
- EEE 3121 Circuits 2 Lab
- EEE 3231 Microprocessors
- EEE 3233 Intro to ECE Proj
- EEE 3314 Electronics
- EEE 3311 Electronics Lab
- EEE 4812 ECE Proj 1

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-semester graduation plan
Pre-req: XXX YYYY Pre-req
*: Visit https://www.ltu.edu/arts_sciences/humanities_ss_comm/writing-proficiency-exam.asp & Online Course Catalog
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)