Department of Electrical and Computer Engineering

Electrical Engineering Program – Effective Spring 2019

**Freshman Year**
- Fall - 15 cr
- Spring - 14 cr

- CH 101 General Chemistry 4 cr
- MATH 125 Calculus I 4 cr
- EN 101 English Composition 3 cr
- HU/L/FA Elective 3 cr

**Sophomore Year**
- Fall - 15 cr
- Spring - 17 cr

- PH 105 General Physics with Calculus I 4 cr
- MATH 126 Calculus II 4 cr
- EN 102 English Composition 3 cr
- HU/L/FA Elective 3 cr

**Junior Year**
- Fall - 17 cr
- Spring - 16 cr

- PH 106 General Physics with Calculus II 4 cr
- MATH 227 Calculus III 4 cr
- CS 100 Computer Science I 4 cr
- HU/L/FA Elective 3 cr

**Senior Year**
- Fall - 16 cr
- Spring - 15 cr

- PH 253 Introduction to Modern Physics 3 cr
- MATH 237 Introduction to Linear Algebra 3 cr
- ECE 225 Electric Circuits 4 cr
- ECE 230 or ECE 455 3 cr

- MATH 355 Theory of Probability 3 cr
- ECE 333 Electronics II 4 cr (offered Fall only)
- ECE 330 or ECE 455 or PH 301 3 cr
- ECE Elective 3 cr

- ECE 325 Electronics I 4 cr (offered Fall/Winter)
- ECE 370 Signals & Systems 3 cr (offered Fall only)
- ECE Elective 3 cr
- ECE Elective 3 cr

Legend:
- Prerequisite
- Corequisite
- Course designation:
  - HU = Humanities core elective
  - L = Literature core elective
  - FA = Fine Arts core elective
  - HI = History core elective
  - SB = Soc. & Behav. Sci. core elective
  - W = Writing core requirement

NOTE: No transfer equivalencies will be awarded to ECE courses with labs or ECE 400-level courses as indicated in yellow.

This is an unofficial flow chart for the electrical engineering major to assist students in preparing their schedules. The official curriculum and courses will be listed in the current version of The University of Alabama Undergraduate Catalog. The Department may change course prerequisites or corequisites as appropriate. Students must consult with their advisor prior to registering to ensure correct course sequencing.

125 total credits