Department of Electrical and Computer Engineering

Electrical Engineering Program – Effective Spring 2018

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

1. CH 101 General Chemistry 4 cr
2. MATH 125 Calculus I 4 cr
3. ECE 129 Intro to Engineering 4 cr
4. ENGR 105 Engineering Foundations 5 cr
5. EN 101 English Composition 3 cr
6. HU/L/FA Elective 3 cr

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

1. PH 105 General Physics with Calculus I 4 cr
2. MATH 126 Calculus II 4 cr
3. ENGR 205 Electrical Circuit Analysis 3 cr
4. CS 103 Computer Science I 3 cr
5. ECE Elective 3 cr

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

1. PH 106 General Physics with Calculus II 4 cr
2. MATH 227 Calculus III 4 cr
3. MATH 237 Introduction to Linear Algebra 3 cr
4. ECE 225 Electric Circuits 4 cr (offered Fall/Spring)
5. ECE 232 Electronics I 4 cr (W) (offered Fall/Spring)

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

1. PH 253 Introduction to Modern Physics 3 cr
2. MATH 355 Theory of Probability 3 cr
3. ECE 332 Electronics II 4 cr (W) (offered Fall/Spring)
4. ECE 333 Electromagnetics 4 cr (offered Fall only)
5. ECE 340 Electromagnetics 4 cr (offered Fall only)

**Legend:**
- Prerequisite
- Co-requisite
- *Prerequisite may be required, check Catalog
- + Check Catalog for prerequisites, University Core and College Requirements

**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

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