## Lower Division

### Freshman Year
- **Fall**
  - Math 21A - Calculus 4
  - ECS 30 - Programming & Problem Solving 4
  - English - UWP 1 or English 3 or Comp Lit 1, 2, 3 or 4 or NAS 5 4
  - EEC 1 – Intro to ECE 3

- **Winter**
  - Math 21B - Calculus 4
  - Chemistry 2A - General Chemistry 5
  - ECS40 – Software Development 4

- **Spring**
  - Math 21C - Calculus 4
  - Physics 9A - Classical Physics 5
  - ENG 6 - Engineering Problem Solving 4
  - GE Elective 4

### Sophomore Year
- **Fall**
  - Math 21D - Vector Analysis 4
  - Physics 9B - Classical Physics 5
  - EEC 70 - Assembly Language 4
  - GE Elective 4

- **Winter**
  - Math 22A - Linear Algebra 3
  - Physics 9C - Classical Physics 5
  - CMN 1 - Public Speaking or CMN 3 - Group Communication 4
  - GE Elective 4

- **Spring**
  - Math 22B - Differential Equations 3
  - Physics 9D - Modern Physics 4
  - ENG 17 - Circuits 4
  - GE Elective 4

### Lower Division Total Units - 91

## Upper Division

### Junior Year
- **Fall**
  - EEC 100 - Circuits 5
  - EEC 180A - Digital Systems 5
  - EEC 140A – Device Physics 4

- **Winter**
  - EEC 110A - Electronic Circuits 4
  - EEC 130A – Electromagnetics 4
  - EEC 150A – Signals and Systems 4
  - GE Elective 4

### Senior Year
- **Fall**
  - EEC 196 – Issues in Engineering Design 1
  - Project Course 3
  - EEC 157A – Control Systems 4
  - EEC 150B – Signals & Systems II 4
  - EEC 160 – Signal Analysis & Communication 4

- **Winter**
  - Project Course 2
  - EEC 112 – Communication Electronics 4
  - EEC 157B - Control Systems or EEC 165 – Statistical & Digital Comm 4
  - Technical Elective 4

- **Spring**
  - ENG 190 - Prof Responsibilities 3
  - GE Elective 4
  - Technical Elective 5

### Upper Division Total Units - 89

## Total Units for Degree Requirement in Electrical Engineering- 180

*For assistance with schedule modifications, consult the ECE Staff Advisor*