

Electrical Engineering

Sample Schedule: Engineering electives may vary

You should discuss with your major mentor before proceeding with the following schedule

Year 1

Fall Semester

Calculus with Applications or
Calculus

ECC: Computer Programming
for Engineers

Core

First-year Writing Seminar

January Term

ECC: Design & Innovation

Spring Semester

Multivariable Calculus

Foundations of Science 1

Foundations of Science 2

Colloquium

Year 2

Fall Semester

Linear Algebra

ECC: Statics

ECC: Conservation Laws

Core

ECC: Digital Logic

ECC: Circuits

January Term

Colloquium

Spring Semester

ODEs/ DEs

Complex Analysis

Advanced Circuits

ECC: Ethics

Core

Year 3

Fall Semester

Signal and Systems

Prob & Stats

Electronics

EM Physics

January Term

Colloquium

Spring Semester

Electromagnetics

EE Elective

EE Elective

EE Elective

Year 4

Fall Semester

Capstone Design I

EE Elective

Analog and Digital
Communication

Control

ECC: Numerical Methods

Spring Semester

Capstone Design II

EE Elective

Core

General Elective