Flowchart of ELEG Curriculum

1 Fall
- CHEM 103: General Chemistry
- EGGG 101: Intro to Engineering
- MATH 241: Analytic Geometry & Calculus A
- CISC 106: General Computer Science for Engineers
- Breadth #1: Seminar in Composition

1 Spring
- PHYS 207: Fundamentals of Physics I
- PHYS 208: Fundamentals of Physics II
- MATH 242: Analytic Geometry & Calculus B
- CISC 210: Intro to Systems Programming
- ENGL 110: Microprocessor

2 Fall
- ELEG 205: Analog Circuits I
- ELEG 309: Electronic Circuit
- MATH 243: Analytic Geometry & Calculus C
- CPEG 202: Intro to Digital Systems
- Breadth #2: Seminar in Composition

2 Spring
- ELEG 305: Signals Systems
- ELEG 313: Electromagnetic Field Theory
- MATH 351: Engineering
- ELEG 298: ECE Design Challenges
- Breadth #3: Seminar in Composition

3 Fall
- ELEG 340: Solid State Electronics
- ELEG 302: Differential Equations with Linear Algebra II
- Writing: Written Communications
- ELEG 310: ECE Design Challenges
- Breadth #4: Seminar in Composition

3 Spring
- ELEG 398: ECE Design & Entrepreneurship
- FE #1: Foundation Elective
- FE #2: Foundation Elective
- TE #1: Technical Elective
- ELEG 491: Ethics and Impacts of Engineering

4 Fall
- ELEG 498: Senior Design I
- ECE #1: Foundation Elective
- ECE #2: Foundation Elective
- TE #2: Technical Elective
- Breadth #5: Seminar in Composition

4 Spring
- ELEG 499: Senior Design II
- ECE #3: Foundation Elective
- ECE #4: Foundation Elective
- ECE #5: Seminar in Composition

Legend:
- Math & Science
- Engineering
- Math, Science, or Engineering
- Design
- Breadth

Prerequisite: prerequisite with C- or better

Prerequisite

Corequisite