introduction subjects introduce students to the breadth of our department, and teach fundamental skills for electrical engineering and computer science.

foundation subjects build on introductory material.

students choose three header subjects, which typically rely on a foundation course as a pre-requisite.

advanced undergraduate subjects build on header material; exact pre-requisites vary.

---

2. Introduction to EECS: 6.01 or 6.02 or 6.03 or 6.08
3. Differential Equations: 18.03 or 2.087
4. Computation Structures: 6.004
5. Signals: 6.003
10. Electromagnetic Fields: 6.014
11. Electromagnetics: 6.013

---

1. 6.011 also requires a probability prerequisite
2. 18.03 is also a prerequisite of 6.014

---

Advanced Undergraduate Subject

Advanced Undergraduate Subject
This is a common roadmap for 6-1, but many permutations are possible. For instance, there is a significant amount of flexibility in what order students take their foundations, and in whether they finish their foundations before taking any headers.

**Semester 1:** Programming skills, Differential Equations

**Semester 2:** Introduction to EECS, Foundation #1

**Semester 3:** Foundation #2, Foundation #3

**Semester 4:** Header #1, Header #2

**Semester 5:** Header #3, AUS #1

**Semester 6:** AUS #2, Course 6 Elective #1

6.UAT or 6.UAR and the second Course 6 elective are typically taken at some point during semesters 4-6.