## Computer Engineering

**Sample Schedule**

Alternative sample schedules are available at nyuad.nyu.edu/grids

### Year 1

#### Fall Semester

- **Calculus with Applications or Calculus**
- **ECC: Computer Programming for Engineers**
- **General Elective**
- **First-year Writing Seminar**

#### Spring Semester

- **Multivariable Calculus**
- **Foundations of Science 1**
- **Foundations of Science 2**
- **Colloquium**

### Year 2

#### Fall Semester

- **Linear Algebra**
- **Foundations of Science 3**
- **Foundations of Science 4**
- **Core**

#### Spring Semester

- **Computer Systems Programming**
- **ECC: Digital Logic**
- **ECC: Circuits**
- **Core**

### Year 3

#### Fall Semester

- **Computer Organization and Architecture**
- **Probability & Statistics**
- **Data Structures and Algorithms**
- **Colloquium**

#### Spring Semester

- **Operating Systems**
- **Computer Networks**
- **Computer Engineering Elective (Hardware)**
- **General Elective**

### Year 4

#### Fall Semester

- **Capstone Seminar**
- **Capstone Design I**
- **Computer Engineering Elective**
- **Core**

#### Spring Semester

- **Capstone Design II**
- **ECC: Conservation Laws**
- **Computer Engineering Elective**
- **Core**