## Year 1

### Fall
- **Calculus I**
  - MAT-250
  - 5
- **General College Chemistry I**
  - CHM-121
  - 4
- **Composition I**
  - EGL-101
  - 3
- **Economics, Micro- or Macro-**
  - ECO-202 or 201
  - 3

**Total:** 15

### Spring
- **Calculus II**
  - MAT-251
  - 4
- **General College Chemistry II**
  - CHM-122
  - 4
- **Composition II**
  - EGL-102
  - 3
- **General Physics I**
  - PHY-221
  - 5

**Total:** 16

## Year 2

### Fall
- **Calculus and Analytic Geometry III**
  - MAT-252
  - 4
- **General Physics II**
  - PHY-222
  - 5
- **Introduction to Computing/Computer Science**
  - varies by major
  - 3
- **Analytical Mechanics (Statics)**
  - ENG-211
  - 3
- **liberal education course**
  - 3

**Total:** 18

### Spring
- **Ordinary Differential Equations**
  - MAT-262
  - 3
- **Modern Physics**
  - PHY-223
  - 4
- **major**
  - 3-4
- **major**
  - 3
- **liberal education course**
  - 3

**Total:** 16+

---

1 Engineering Pathways is a cohort-based experience. As such, all technical coursework listed in the plan of study must be completed for a grade while enrolled in the program—this includes chemistry, computer science, mathematics, physics, and engineering. Advanced Placement (AP) or other credit applied toward English, economics, and liberal education courses requires an appropriate substitution to maintain total number of hours per semester.

2 The Introduction to Computing/Computer Science requirement will be selected in consultation with an advisor. Course options vary by majors and minors of interest and include—CSC 170, 171 or 173; CSC 156, 241.