General Engineering
Stronger Math Preparation

Sample Schedule

**Year 1**

**Fall Semester**
- Foundations of Science 1
- Foundations of Science 2
- ECC: Computer Programming for Engineers
- Multivariable Calculus

**January Term**
- ECC: Design & Innovation

**Spring Semester**
- Foundations of Science 3
- Foundations of Science 4
- Colloquium
- First-year Writing Seminar

**Year 2**

**Fall Semester**
- Linear Algebra
- Differential Equations
- General Elective
- General Elective
- Core

**January Term**
- General Elective

**Spring Semester**
- ECC: Statics
- ECC: Conservation Laws
- Engineering Elective
- Core

**Year 3**

**Fall Semester**
- Probability & Statistics
- ECC: Numerical Methods
- Engineering Elective
- Engineering Elective
- Colloquium
### Year 4

#### Spring Semester
- **Engineering Materials**
- **Discrete Mathematics**
- **Engineering Elective**
- **Engineering Elective**
- **General Elective**

#### Fall Semester
- **Capstone Seminar**
- **Instrumentation**
- **Engineering Elective**
- **Core**

#### Spring Semester
- **Capstone Design II**
- **Engineering Elective**
- **General Elective**
- **Core**

### Course / Credit Key

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