Computer Engineering
Weaker Math Preparation

Sample Schedule

Year 1

Fall Semester
- Trigonometry and Differential Calculus
- ECC: Computer Programming for Engineers
- General Elective
- First-year Writing Seminar

Janet Term
- Integral Calculus

Spring Semester
- Foundations of Science 1
- Foundations of Science 2
- General Elective
- Colloquium

Summer Term
- Multivariable Calculus

Year 2

Fall Semester
- Linear Algebra
- Differential Equations
- Foundations of Science 3
- Foundations of Science 4

January Term
- ECC: Design & Innovation

Spring Semester
- Computer Systems Programming
- ECC: Digital Logic
- ECC: Circuits

Core
<table>
<thead>
<tr>
<th>Course Key</th>
<th>Credit Key</th>
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<tbody>
<tr>
<td>GENERAL ELECTIVES</td>
<td>1 CREDITS</td>
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<td>MAJOR: REQUIRED</td>
<td>2 CREDITS</td>
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<td>MAJOR: ELECTIVES</td>
<td>4 CREDITS</td>
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<td>CAPSTONE</td>
<td>5 CREDITS</td>
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<td>CORE</td>
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### Year 3

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

**January Term**
- General Elective

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

### Year 4

**Fall Semester**
- Capstone Seminar
- Embedded Systems
- Computer Engineering Elective

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

**Course / Credit Key**

- GENERAL ELECTIVES
- MAJOR: REQUIRED
- MAJOR: ELECTIVES
- CAPSTONE
- CORE