### MAJOR REQUIREMENTS

This department adheres to the BYU core curriculum. For a complete list of courses, please refer to the BYU Registrar's Office.

**Courses and Credits:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CEN 111</td>
<td>Network Administration</td>
</tr>
<tr>
<td>CEN 115</td>
<td>Introduction to Information Technology</td>
</tr>
<tr>
<td>CEN 220</td>
<td>Introduction to Computer Programming</td>
</tr>
<tr>
<td>CEN 330</td>
<td>Database Management Systems</td>
</tr>
<tr>
<td>CEN 440</td>
<td>Computer Architecture</td>
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<tr>
<td>CEN 450</td>
<td>Operating Systems</td>
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<td>CEN 460</td>
<td>Computer Networks</td>
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<td>CEN 470</td>
<td>Computer Security</td>
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<tr>
<td>CEN 480</td>
<td>Artificial Intelligence</td>
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<tr>
<td>CEN 490</td>
<td>Senior Design Project</td>
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</tbody>
</table>

### UNIVERSITY CORE REQUIREMENTS

These classes fulfill both UNIV and MAJOR requirements. For major questions, see your faculty advisor.

**Core Requirements:**

1. **English Composition:**
   - ENG 101 | English Composition I
   - ENG 102 | English Composition II

2. **Quantitative Reasoning:**
   - MAT 121 | Calculus I
   - MAT 122 | Calculus II

3. **Social Science:**
   - PSC 201 | Introduction to Psychology
   - PSC 202 | Introduction to Sociology

4. **Science:**
   - BIO 101 | General Biology
   - CHEM 101 | General Chemistry

5. **Art, Literature, and Science:**
   - ART 101 | Introduction to Art
   - LIT 101 | Introduction to Literature

6. **Computer Science:**
   - CMSC 101 | Introduction to Computer Science
   - CMSC 102 | Advanced Programming

7. **Mathematics:**
   - MAT 123 | Calculus III
   - MAT 224 | Linear Algebra

### Graduation Requirements

- **Total Credits:** 120
- **English Composition:** 6 credits
- **Quantitative Reasoning:** 4 credits
- **Social Science:** 1 credit
- **Science:** 2 credits
- **Art, Literature, and Science:** 2 credits
- **Computer Science:** 3 credits
- **Mathematics:** 3 credits