A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The example below is an efficient strategy only. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Elective, and university requirements (see pg.2) are based on Catalog Year.

<table>
<thead>
<tr>
<th>Semester One</th>
<th><strong>Course Subject and Title</strong></th>
<th>Cr.</th>
<th>Min Grade</th>
<th><em>GE, UU or UM</em>*</th>
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<td>GE Objective 2</td>
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<td>RCET 3374: Advanced Systems Analysis</td>
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*GE=General Education Objective, UU=Upper Division University, UM=Upper Division Major
**See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)
### 2019-2020 Major Requirements

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<th>General Education Objectives</th>
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<tr>
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<td>1. Written English (6 cr. min) ENGL 1101 (or equivalent) 3</td>
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<tr>
<td>RCET 0153A: Basic Electricity and DC Circuit Theory</td>
<td>4</td>
<td>2. Spoken English (3 cr. min) COMM 1101 3</td>
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<td>RCET 0153B: Basic Electricity and AC Circuit Theory</td>
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<td>3. Mathematics (3 cr. min) RCET 1372 4</td>
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<tr>
<td>RCET 0154B: Digital Control Devices Theory</td>
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<td>5. Natural Sciences (1 Course including a lab; 4 cr. min)</td>
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<tr>
<td>RCET 0155A: Basic Electricity and DC Circuit Laboratory</td>
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<td>6. Behavioral and Social Science (1 course; 3 cr. min)</td>
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<tr>
<td>RCET 0155B: Basic Electricity and AC Circuit Laboratory</td>
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<td>7. Critical Thinking</td>
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<td>RCET 0156A: Analog Control Devices Laboratory</td>
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<td>8. Information Literacy</td>
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<td>RCET 0156B: Digital Control Devices Laboratory</td>
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<td>9. Cultural Diversity</td>
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<td>RCET 0264: Introductory Calculus</td>
<td>4</td>
<td>3. Mathematics (3 cr. min) RCET 1372 4</td>
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<tr>
<td>RCET 0267: Radio Frequency Transmission Theory</td>
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<td>5. Natural Sciences (1 Course including a lab; 4 cr. min)</td>
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<td>RCET 0268: Radio Frequency Transmission Laboratory</td>
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<td>6. Behavioral and Social Science (1 course; 3 cr. min)</td>
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<tr>
<td>RCET 0271: Introduction to Lab Simulation Software</td>
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<td>7. Critical Thinking</td>
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<td>RCET 3371: Advanced Programming Techniques and GUI Development</td>
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<td>8. Information Literacy</td>
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<td>RCET 3374: Advanced Systems Analysis Theory</td>
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<td>1. Written English (6 cr. min) ENGL 1101 (or equivalent) 3</td>
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<td>RCET 3375: Advanced Computer Architecture and Embedded Systems Laboratory</td>
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<td>3. Mathematics (3 cr. min) RCET 1372 4</td>
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**Undergraduate Catalog and GE Objectives by** [Catalog Year](#)

### MAP Credit Summary

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### Graduation Requirement Minimum Credit Checklist

- Minimum 15 cr. General Education Objectives (Associate)
- Minimum 60 cr. Total (Associate)

### Advising Notes

**MAP Completion Status (for internal use only)**

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**Department:**

**Registrar:**

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Form Revised 01.24.2018