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

<table>
<thead>
<tr>
<th>Course Subject and Title</th>
<th>Cr.</th>
<th>Min. Grade</th>
<th>*GE, UU or UM</th>
<th>**Sem. Offered</th>
<th>Prerequisite</th>
<th>Co-Requisite</th>
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<td>GE Objective 1: ENGL 1101 Writing and Rhetoric I</td>
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<td>ESET 1100: Engineering Technology Orientation</td>
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<td>GE Objective 6: TGE 1150 (Recommended)</td>
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<td>INST 2295: Process Measurement and Control Theory</td>
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<td>INST 2281, INST 2282</td>
<td>INST 2293, INST 2296</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.)

https://isu.edu/advising/academic-support/maps/
<table>
<thead>
<tr>
<th>MAJOR REQUIREMENTS</th>
<th>CR</th>
<th>GENERAL EDUCATION OBJECTIVES</th>
<th>16-17 cr. Min</th>
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<tr>
<td>ESET 1100: Engineering Technology Orientation</td>
<td>1</td>
<td>1. Written English (3 cr. min)</td>
<td>ENGL 1101</td>
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<tr>
<td>ESET 1100L: Intro to an Industrial Environment Laboratory</td>
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<td>2. Spoken English (3 cr. min)</td>
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<td>3. Mathematics</td>
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<td>5. Natural Sciences</td>
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<td>INST 2281: Electrical Automation Theory</td>
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<td>INST 2282: Electrical Automation Laboratory</td>
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<td>6. Behavioral and Social Science</td>
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<td>INST 2293: Process Measurement and Control Laboratory</td>
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<td>(1 course; 3 cr. min)</td>
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<td>INST 2295: Process Measurement and Control Theory</td>
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<td>INST 2296: Process Dynamics</td>
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<tr>
<td>MATH 1143 or 1147 or 1153 or 1160 or 1170 or MGT 2216</td>
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<td>7. Critical Thinking</td>
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<td>8. Information Literacy</td>
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<td>PHYS 1101/L or CHEM 1100</td>
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<td>9. Cultural Diversity</td>
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<td>General Education Elective to reach 36 cr. min.</td>
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**MAP Credit Summary**

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<th>Major</th>
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<td>Major</td>
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<tr>
<td>General Education</td>
<td>16-17</td>
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</table>

| Upper Division Free Electives to reach 36 credits | 0 |
| Free Electives to reach 120 credits | 0 |

**TOTAL**

| 71-72 |

**Graduation Requirement Minimum Credit Checklist**

| Minimum 36 cr. General Education Objectives (15 cr. AAS) | X |
| Minimum 15 cr. Upper Division in Major (0 cr. Associate) | X |
| Minimum 36 cr. Upper Division Overall (0 cr. Associate) | X |
| Minimum of 120 cr. Total (60 cr. Associate) | X |

**Advising Notes**

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

<table>
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<tr>
<th>Date</th>
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<td>PJ 06/01/2023</td>
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**Complete College American Momentum Year**

Math and English course in first year-Specific GE MATH course identified 9 credits in the Major area in first year 15 credits each semester (or 30 in academic year) Milestone courses

Form Revised 9.10.2019