PART ONE: MAJOR REQUIREMENTS (51 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Semester</th>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>MAT 136</td>
<td>Calculus I.</td>
<td>4</td>
<td></td>
<td>MAT320W</td>
<td>Foundations of Math</td>
<td>3</td>
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<tr>
<td>MAT 137</td>
<td>Calculus II.</td>
<td>4</td>
<td></td>
<td>MAT 411</td>
<td>Intro Abstract Algebra</td>
<td>3</td>
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<tr>
<td>One of MAT 220 or MAT 226</td>
<td>MAT 431</td>
<td>Intro Analysis</td>
<td>3</td>
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<td></td>
<td>MAT 238</td>
<td>Calculus III.</td>
<td>4</td>
<td></td>
<td>STA 473</td>
<td>Intro Math Stat</td>
<td>3</td>
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<tr>
<td>MAT 316</td>
<td>Intro Linear Algebra</td>
<td>3</td>
<td></td>
<td>One of MAT 412C, 441C, STA 474C***</td>
<td>3</td>
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<tr>
<td>STA 275*</td>
<td>Statistical Analysis</td>
<td>3</td>
<td></td>
<td>CS 122/L**</td>
<td>Programming for Engineering and Science</td>
<td>3</td>
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Additional math/stat courses (12 units) from MAT 220, 226, 239 or MAT/STA courses 300 and above (except MAT 302, 401, 402, 405, 406)

TOTAL MATHEMATICS / STATISTICS UNITS (51 or more)

PART TWO: LIBERAL STUDIES REQUIREMENTS (32 units)****

I. Foundation requirements (4 units)

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<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>ENG 105</td>
<td>Critical Reading</td>
<td>4</td>
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</table>

III. Distribution Requirements (25 units)

a. Science (must include one lab science) (7 units)
b. Aesthetic and Humanistic Inquiry (6 units)
c. Cultural understanding (6 units)
d. Social and Political Worlds (6 units)

TOTAL LIBERAL STUDIES UNITS (32 ADDITIONAL UNITS OR MORE)

PART THREE: UNIVERSITY REQUIREMENTS

I. Junior Level Writing Requirement Completed
II. Senior Capstone completed

III. Ethnic diversity requirement (3 units)
IV. Global diversity requirement (3 units)

TOTAL UNIVERSITY UNITS
<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Semester</th>
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<th>Semester</th>
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**TOTAL ELECTIVE UNITS**

**TOTAL UNITS (PARTS ONE THROUGH FOUR) (minimum of 120)**

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**Verified:**

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A grade of “C” or higher is required in each mathematics/statistics course applied toward this major.

- At least 30 units of the courses taken for this degree must be upper-division courses (300 and above).
- Some courses may meet more than one requirement; however, the student must meet the total of at least 120 units to graduate.
- Student must take at least 30 units through NAU, of which at least 18 must be upper-division units.

* Mathematics majors at NAU should take STA 275 to meet this requirement. However, if you already have credit in STA 270, such as AP or transfer credit, then that course will meet this requirement.

** If you complete a minor or a major in computer science, you may add 3 units to your general electives instead.

*** NAU’s senior capstone requirement is fulfilled by one of the sequences MAT 411-412C, 431-441C, or STA 473-474C.

**** The usual 35 hours for Liberal studies are reduced to 32 for Mathematics Majors, who are exempt from the three-hour Mathematics foundation requirement. Students may not use courses with a MAT or STA prefix to satisfy these requirements.