The minor provides students with a background in data analysis and statistical methodology. It is intended to complement undergraduate degree programs such as computer science, economics, environmental engineering, geography, mathematics, nursing, psychology, public administration, sociology, and systems engineering.

Admissions & Policies

Policies
For policies governing all minors, see AP.5.3.4 Minors.

Program Requirements
The minor requires 15 credits: a core sequence of 6 credits, plus 9 credits of electives. Grades of C or better are required in all courses. At least 3 of the 9 elective credits must be in STAT or CDS courses numbered above 300. At least 8 credits must be in courses not required by the student’s major.

Requirements

Minor Requirements
Total credits: 15

Core Sequence Credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>STAT 250</td>
<td>Introductory Statistics I (Mason Core)</td>
<td>3</td>
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<tr>
<td>STAT 350</td>
<td>Introductory Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>STAT 344</td>
<td>Probability and Statistics for Engineers and Scientists I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 354</td>
<td>Probability and Statistics for Engineers and Scientists II</td>
<td>3</td>
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Electives

Select 9 credits from the following:

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<tbody>
<tr>
<td>STAT 362</td>
<td>Introduction to Computer Statistical Packages</td>
<td>3</td>
</tr>
<tr>
<td>STAT 455</td>
<td>Experimental Design</td>
<td>3</td>
</tr>
<tr>
<td>STAT 456</td>
<td>Applied Regression Analysis</td>
<td>3</td>
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<td>Total Credits</td>
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<td>9</td>
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