# STATISTICS - MINOR

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lower Division Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 211</td>
<td>Principles of Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 212</td>
<td>Principles of Statistics II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Directed Upper Division Electives</strong></td>
<td></td>
<td></td>
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<tr>
<td>Select three of the following:¹</td>
<td></td>
<td>9</td>
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</tbody>
</table>

- STAT 335/CSCE 320 Principles of Data Science
- STAT 404 Statistical Computing
- STAT 406 Design and Analysis of Experiments
- STAT 407 Principles of Sample Surveys
- STAT 408 Introduction to Linear Models
- STAT 414 Mathematical Statistics I
- STAT 415 Mathematical Statistics II
- STAT 421/CSCE 421 Machine Learning
- STAT 436 Multivariate Analysis and Statistical Learning
- STAT 438 Bayesian Statistics
- STAT 445 Applied Biostatistics and Data Analysis
- STAT 446 Statistical Bioinformatics
- STAT 459 Categorical Data Analysis
- STAT 485 Directed Studies
- STAT 489 Special Topics in...

**Total Semester Credit Hours**: 15

¹ STAT 485 or STAT 489 must be approved by the Statistics Department.

### Additional Requirements:

- Students must make a grade of C or better in all courses.
- Substitutions for the minor must be approved by the Statistics Department.