Statistics (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (https://apps.orp.ncsu.edu/pgas/)

Statistics is the science of managing and analyzing data, and therefore a minor in statistics is an excellent complement to majors in a wide range of fields. The minor program of study teaches students to use statistical methods and software to solve real-world data analysis problems. The statistics and analytics tools that form the heart of this program are routinely applied to subjects including business and finance, biomedical science, sports analytics, sociology, education, and engineering. A flexible academic plan offers almost all students at NC State access to this valuable minor.

For more information, see the website (https://statistics.sciences.ncsu.edu/undergraduate/minor/) for our minor.

Dr. Spencer Muse
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Department of Statistics
NC State University Campus Box 8203
5276 SAS Hall
Raleigh, NC 27695-8203
Email: muse@ncsu.edu

Plan Requirements

<table>
<thead>
<tr>
<th>Part A: Introductory Statistics</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
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<tbody>
<tr>
<td>Select one of the following options:</td>
<td>4-6</td>
<td></td>
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<tr>
<td>Option 1:</td>
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<tr>
<td>ST 305</td>
<td>Statistical Methods</td>
<td></td>
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<tr>
<td>Option 2:</td>
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<tr>
<td>ST 312</td>
<td>Introduction to Statistics II</td>
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<td>And select one of the following:</td>
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<tr>
<td>ST 311</td>
<td>Introduction to Statistics</td>
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<tr>
<td>ST 350</td>
<td>Economics and Business Statistics</td>
<td></td>
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<tr>
<td>ST 370</td>
<td>Probability and Statistics for Engineers</td>
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<tr>
<td>ST 380</td>
<td>Probability and Statistics for the Physical Sciences</td>
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<td>Option 3:</td>
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<tr>
<td>ST 371</td>
<td>Introduction to Probability and Distribution Theory</td>
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<tr>
<td>ST 372</td>
<td>and Introduction to Statistical Inference and Regression</td>
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Part B: Introduction to Statistical Programming in SAS

<table>
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<th>Title</th>
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<tr>
<td>ST 307</td>
<td>Introduction to Statistical Programming-SAS</td>
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Part C: Statistics Electives

Select ST electives at the 400 level to make total of Part A, B, and C at least 16 credits

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Total Hours

| | |
| | 14-18 |

Notes

- If students select option 1 in Part A they will typically need 4 3 credit hour courses (a total of 17 credits for the minor)
- If students select option 2 or 3 in Part A they will typically need 3 3 credit hour courses (a total of 16 credits for the minor).