STATISTICS MINOR

https://ceps.unh.edu/mathematics-statistics/program/minor/statistics

Description

The minor in statistics is designed for students in other majors who want to learn the fundamentals of statistical analysis and its applications.

Students should declare their intent to earn a minor as early as possible and no later than the end of the junior year. During the final term, an application should be made to the dean of the student's major college to have the minor shown on the academic record. Students must consult with their major advisor and also the minor supervisor.

For further information, please contact the minor coordinator located on the department website.

Requirements

Credit toward the minor will be given only for courses passed with C- or better, and a 2.0 grade-point average must be maintained in courses for the minor. Courses taken on the pass/fail basis may not be used for the minor. No more than 8.0 credits (or two courses) used by the student to satisfy major requirements may be used for the minor.

The minor requires a minimum of five MATH courses as detailed in the minor requirements. Additional courses from the list of course electives may be utilized to meet the five-course minimum.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Required</td>
<td></td>
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<tr>
<td>MATH 539</td>
<td>Introduction to Statistical Analysis</td>
<td>4</td>
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<tr>
<td>or MATH 644</td>
<td>Statistics for Engineers and Scientists</td>
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<tr>
<td>MATH 645</td>
<td>Linear Algebra for Applications 1</td>
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<tr>
<td>Select THREE of the following electives</td>
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<tr>
<td>MATH 736</td>
<td>Advanced Statistical Modeling</td>
<td></td>
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<tr>
<td>MATH 737</td>
<td>Statistical Methods for Quality Improvement and Design</td>
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<tr>
<td>MATH 739</td>
<td>Applied Regression Analysis</td>
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<tr>
<td>MATH 740</td>
<td>Design of Experiments I</td>
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<td>MATH 741</td>
<td>Survival Analysis</td>
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<td>MATH 743</td>
<td>Time Series Analysis</td>
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<tr>
<td>MATH 744</td>
<td>Design of Experiments II</td>
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<tr>
<td>MATH 755</td>
<td>Probability with Applications</td>
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<tr>
<td>MATH 756</td>
<td>Principles of Statistical Inference</td>
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<tr>
<td>Total Credits</td>
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<td>20</td>
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</tbody>
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1 This requirement may be satisfied by MATH 525 Linearity I.