Statistics

https://stat.illinois.edu/academics/undergraduate-program

For the Degree of Bachelor of Science in Liberal Arts and Sciences

Major in Statistics

E-mail: stat-office@illinois.edu

Minimum required major and supporting course work normally equates to 70-72 hours

General education: Students must complete the Campus General Education (https://courses.illinois.edu) requirements including the campus general education language requirement.

Twelve hours of 300- or 400-level courses in the major must be taken on this campus.

A Major Plan of Study Form must be completed and submitted to the LAS Student Affairs Office before the end of the fifth semester (60-75 hours). Please see your adviser in 101 Illini Hall or phone (217) 333-2167.

Minimum hours required for graduation: 120 hours

Departmental distinction: To graduate with distinction requires a specified minimum grade point average in all Computer Science, Statistics, and Mathematics courses listed below. A GPA of 3.25 is required for Distinction, 3.5 for High Distinction, and 3.75 for Highest Distinction.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Calculus</td>
<td>through MATH 241 - Calculus III</td>
<td>11-12</td>
</tr>
<tr>
<td>Select one from:</td>
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<tr>
<td>MATH 415</td>
<td>Applied Linear Algebra</td>
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<tr>
<td>MATH 416</td>
<td>Abstract Linear Algebra</td>
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<tr>
<td>STAT 200</td>
<td>Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 212</td>
<td>Biostatistics</td>
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<tr>
<td>STAT 400</td>
<td>Statistics and Probability I</td>
<td>4</td>
</tr>
<tr>
<td>STAT 410</td>
<td>Statistics and Probability II</td>
<td>3</td>
</tr>
<tr>
<td>STAT 420</td>
<td>Methods of Applied Statistics</td>
<td>3</td>
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<tr>
<td>STAT 425</td>
<td>Applied Regression and Design</td>
<td>3</td>
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<td>Select four of the following:</td>
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<tr>
<td>STAT 424</td>
<td>Analysis of Variance</td>
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<tr>
<td>STAT 426</td>
<td>Sampling and Categorical Data</td>
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<tr>
<td>STAT 427</td>
<td>Statistical Consulting</td>
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<tr>
<td>STAT 428</td>
<td>Statistical Computing</td>
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</tr>
<tr>
<td>STAT 429</td>
<td>Time Series Analysis</td>
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<tr>
<td>STAT 430</td>
<td>Topics in Applied Statistics</td>
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<tr>
<td>STAT 440</td>
<td>Statistical Data Management</td>
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<tr>
<td>STAT 443</td>
<td>Professional Statistics</td>
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<tr>
<td>MATH 444</td>
<td>Elementary Real Analysis</td>
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<td>or MATH 447</td>
<td>Real Variables</td>
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<tr>
<td>STAT 448</td>
<td>Advanced Data Analysis</td>
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<tr>
<td>STAT 480</td>
<td>Data Science Foundations</td>
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