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.

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td></td>
<td>Calculus through MATH 241 - Calculus III</td>
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Select one from:

- MATH 415 Applied Linear Algebra
- MATH 416 Abstract Linear Algebra
- STAT 200 Statistical Analysis
- or STAT 212 Biostatistics

- STAT 400 Statistics and Probability I
- STAT 410 Statistics and Probability II
- STAT 420 Methods of Applied Statistics
- STAT 425 Applied Regression and Design

Select four of the following: 12

- STAT 424 Analysis of Variance
- STAT 426 Sampling and Categorical Data
- STAT 427 Statistical Consulting
- STAT 428 Statistical Computing
- STAT 429 Time Series Analysis
- STAT 430 Topics in Applied Statistics
- STAT 440 Statistical Data Management
- STAT 443 Professional Statistics
- MATH 444 Elementary Real Analysis
- or MATH 447 Real Variables
- STAT 448 Advanced Data Analysis
- STAT 480 Data Science Foundations