STATISTICS & COMPUTER SCIENCE, BSLAS

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Statistics & Computer Science

**statistics website:** Statistics & Computer Science (https://stat.illinois.edu/academics/undergraduate-program/degree-programs/)

**computer science degree information:** Statistics & Computer Science (https://cs.illinois.edu/academics/undergraduate/degree-program-options/bs-statistics-computer-science/)

**advising:** Statistics advising (https://stat.illinois.edu/academics/advising/)

**overview of college admissions & requirements:** Liberal Arts & Sciences (http://catalog.illinois.edu/schools/las/academic-units/)

**colleague websites:** https://las.illinois.edu/ and https://engineering.illinois.edu

**statistics email:** stat-office@illinois.edu

**computer science email:** undergrad@cs.illinois.edu (academic@cs.illinois.edu)

This major is sponsored jointly by the Departments of Statistics and Computer Science. The Statistics and Computer Science major is designed for students who would like a strong foundation in computer science, coupled with significant advanced coursework in statistics. The major prepares students for professional or graduate work in statistics and computer science, and for applications of computing in which knowledge of statistics is particularly important, such as data mining and machine learning.

**Undergraduate degree programs in Statistics**

Statistics, BSLAS (http://catalog.illinois.edu/undergraduate/las/statistics-bslas/#degreerequirementstext)

Statistics & Computer Sciences, BSLAS (p. 1)

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**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.

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

Minimum required major and supporting course work: Normally equates to 68-69 hours. At least 12 hours of 300- and 400-level courses must be taken on this campus.

Minimum hours required for graduation: 120 hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CS 100</td>
<td>Freshman Orientation (recommended)</td>
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<td></td>
<td>Calculus through MATH 241 - Calculus III</td>
<td>11-12</td>
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<tr>
<td>MATH 415</td>
<td>Applied Linear Algebra</td>
<td>3</td>
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Information listed in this catalog is current as of 01/2021