STATISTICS: APPLIED, MS

for the degree of Master of Science in Statistics, Applied Statistics Concentration

Department Chair: Bo Li (https://stat.illinois.edu/directory/profile/libo/)
Associate Department Chair: Jeff Douglas (https://stat.illinois.edu/directory/profile/jeffdoug/)
MS Program Director: Darren Glosemeyer (https://stat.illinois.edu/directory/profile/glosemey/)
MS advisors: Tori Ellison, Hyoeun Lee (https://stat.illinois.edu/academics/advising/)
Graduate Contact: Joseph Zarnsy (stat-grad@illinois.edu)
Department Website: http://www.stat.illinois.edu/
College Website: https://las.illinois.edu/
Graduate College Admissions Info & Requirements (https://grad.illinois.edu/admissions/apply/)
Department Admissions Info & Requirements (https://stat.illinois.edu/admissions/prospective-graduate-students/)
Department Contact: Aaron Thompson
Department Office: Computing Applications Building, 605 E Springfield Ave, Champaign, IL 61820
Phone: (217) 333-2167
Email: stat-grad@illinois.edu

The Department of Statistics offers the Master of Science in Statistics with specialization in a variety of areas of application. The degree program consists of a core of statistics courses covering statistical theory, linear models, and statistical consulting, and further coursework in the field of application and in statistics. The program offers an additional degree for students earning an advanced degree in the area of application.

To be eligible for this program, students must be pursuing an advanced degree in a department other than Statistics at the Urbana-Champaign campus. Students interested in economic statistics should apply for the applied concentration. Full statements of degree requirements are available from the head of the unit offering a specialization or from the Graduate Advisor of the Department of Statistics.

Graduate Degree Programs in Statistics
Statistics, MS (http://catalog.illinois.edu/graduate/las/statistics-ms/)
concentrations:
  Analytics (http://catalog.illinois.edu/graduate/las/statistics-ms/analytics/)
  Applied (p. 1)
Statistics, PhD (http://catalog.illinois.edu/graduate/las/statistics-phd/)
concentration:
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
  Graduate Minor in Statistics (http://catalog.illinois.edu/graduate/las/minors/statistics/)

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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>STAT 410/</td>
<td>Statistics and Probability II (or equivalent proficiency - may be</td>
<td>0-4</td>
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<tr>
<td>MATH 464</td>
<td>waived with approval)</td>
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</tr>
<tr>
<td>STAT 425</td>
<td>Statistical Modeling I</td>
<td>4</td>
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<tr>
<td>or STAT</td>
<td>Advanced Regression Analysis</td>
<td></td>
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<tr>
<td>527</td>
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</table>
Select two elective STAT courses from a Departmental Course List (https://stat.illinois.edu/academics/graduate-programs/degree-programs/ms-statistics-applied/)

Five graduate courses must be completed in your primary field, in an area relevant to the field of Statistics. STAT electives not used to meet other requirements may also be used.

Total hours 32-36

Other Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
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<tbody>
<tr>
<td>Other requirements may overlap</td>
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<tr>
<td>Minimum 500-level Hours Required Overall:</td>
<td>12</td>
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<tr>
<td>Minimum GPA:</td>
<td>2.75</td>
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Information listed in this catalog is current as of 11/2021