STATISTICS, MS

for the degree of Master of Science in Statistics

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 Handbook (https://www.grad.illinois.edu/gradhandbook/).

Specific program info here

Graduate Degree Programs in Statistics
Statistics, MS (p. 1)
concentrations:
  Analytics (http://catalog.illinois.edu/graduate/ls/statistics-ms/analytics/)|Applied (http://catalog.illinois.edu/graduate/ls/statistics-ms/applied/)
Statistics, PhD (http://catalog.illinois.edu/graduate/ls/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/ls/minors/statistics/)

for the degree of Master of Science in Statistics

For additional details and requirements refer to the department's Graduate Programs (http://www.stat.illinois.edu/students/graduates.shtml/) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook/).

Code    Title                                   Hours
---      -----------------                      ----
STAT 510 Mathematical Statistics              4
Select one of the following:
STAT 425 Statistical Modeling I                4
  or STAT 527 Advanced Regression Analysis
Select one of the following:
STAT 424 Analysis of Variance                  4
STAT 426 Statistical Modeling II               4
STAT 429 Time Series Analysis                  4
STAT 431 Applied Bayesian Analysis             4
STAT 433 Stochastic Processes                  4

Five elective courses from Departmental List (See Course List Tab)  20
STAT 427 Statistical Consulting (or experience in applied statistics) 0-4
  or STAT 593 STAT Internship
  or STAT 443 Professional Statistics
STAT 410/ MATH 464 Statistics and Probability II (or equivalent proficiency [may be waived with approval]) 4
Total hours 32-36

Information listed in this catalog is current as of 09/2021
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 578</td>
<td>Topics in Statistics</td>
</tr>
<tr>
<td>STAT 587</td>
<td>Hierarchical Linear Models</td>
</tr>
<tr>
<td>STAT 588</td>
<td>Covar Struct and Factor Models</td>
</tr>
<tr>
<td>STAT 590</td>
<td>Individual Study and Research</td>
</tr>
<tr>
<td>STAT 593</td>
<td>STAT Internship</td>
</tr>
</tbody>
</table>