

STATISTICS: APPLIED, MS

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

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.

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Code	Title	Hours
STAT 410/MATH 464	Statistics and Probability II (or equivalent proficiency - may be waived with approval)	4
STAT 425	Statistical Modeling I	4
or STAT 527	Advanced Regression Analysis	
Select two elective STAT courses from a Departmental Course List (https://stat.illinois.edu/academics/graduate-programs/degree-programs/ms-statistics-applied/)		8
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.		20
Total hours		32-36

Other Requirements

Requirement	Description
Other requirements may overlap	
Minimum 500-level Hours Required Overall:	12
Minimum GPA:	2.75

- optional concentrations for the PhD:
- Computational Science & Engineering (<http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/>)
- Data Science & Engineering (<http://catalog.illinois.edu/graduate/engineering/concentration/data-science-engineering/>)
- Graduate Minor in Statistics (<http://catalog.illinois.edu/graduate/las/minors/statistics/>)

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Department Chair: Yuguo Chen (<https://stat.illinois.edu/directory/profile/yuguo/>)

Associate Department Chair: Georgios Fellouris (<https://stat.illinois.edu/directory/profile/fellouri/>)

MS Program Director: Darren Glosemeyer (<https://stat.illinois.edu/directory/profile/glosemey/>)

MS advisors: Alexandra Chronopoulou, Hyoeun Lee (<https://stat.illinois.edu/academics/advising/>)

Graduate Contact: Asraa Ibrahim (stat-grad@illinois.edu)

Department Website

College Website

Graduate College Admissions Info & Requirements (<https://grad.illinois.edu/admissions/apply/>)

Department Admissions Info & Requirements (<https://stat.illinois.edu/admissions/prospective-graduate-students/>)

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- 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/>)