

STATISTICS MINOR

for the Undergraduate Minor in Statistics

The minor, administered by the Department of Statistics, is designed to provide students with an understanding of the concepts of statistical inference and a familiarity with the methods of applied statistical analysis. A minor in statistics will assist students with their major field of study to better prepare them for a career in their chosen field. It will also prepare students for graduate studies in statistics or in one of many areas where data analysis plays an important role. Interested students should contact the Statistics undergraduate advisor for admission into the minor. Students should have completed the calculus sequence through MATH 231 before entering the minor.

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Code	Title	Hours
Three courses (9-12 hours), including at least one from the Advanced Statistical methods group, must be STAT courses.		
Statistics Concepts -Select one of the following:		3-4
CPSC 241	Intro to Applied Statistics	
ECON 202	Economic Statistics I	
EPSY 280	Elements of Statistics	
PSYC 235	Intro to Statistics	
STAT 100	Statistics	
STAT 107	Data Science Discovery	
SOC 280	Intro to Social Statistics	
Data Analysis -Select one of the following:		3
STAT 200	Statistical Analysis	
STAT 207	Data Science Exploration	
STAT 212	Biostatistics	
ECON 203	Economic Statistics II	
Linear Algebra -Select one of the following:		2-3
MATH 225	Introductory Matrix Theory	
MATH 257	Linear Algebra with Computational Applications	
MATH 415	Applied Linear Algebra	
Mathematical Statistics -Select one of the following:		3-4
STAT 400	Statistics and Probability I	
STAT 408	Actuarial Statistics I	
MATH 461	Probability Theory	
Advanced Statistical Methods		6
Select two 300- or 400- level STAT courses. STAT courses numbered 409 and above meet this requirement.		
Total Hours		17-20

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Statistics students will:

1. Understand of the concepts of statistical inference and basic methods of applied statistical analysis.
2. Communicate the results of a statistical analysis effectively.
3. Be competent in the use of statistical software.

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Department of Statistics

- Statistics Minor page (<https://stat.illinois.edu/academics/undergraduate/minors/statistics-minor/>)
- Statistics Minor email: stat-undergrad@illinois.edu
- Department of Statistics website
- Department of Statistics faculty

Overview of College Admissions & Requirements

- College of Liberal Arts & Sciences Academics & Admissions (<http://catalog.illinois.edu/schools/las/academic-units/>)
- College of Liberal Arts & Sciences website (<https://las.illinois.edu/>)