



STATISTICS

BGSU COLLEGE OF ARTS AND SCIENCES

Statistics is the science of the collection, organization and interpretation of data. The statistics major provides a core curriculum in mathematics, an overview of the basic concepts of probability and statistical inference, and an introduction to the application of statistical methods to business, medicine and science. A primary focus is the analysis of population characteristics by inference from a sample of the population.

College of Arts and Sciences – Statistics

Points of Pride

- Beginning with calculus, all mathematics courses are taught in small sections to ensure an appropriate level of personal attention.
- BGSU has one of the largest groups of statistics faculty in Ohio, between the Department of Mathematics and Statistics in the College of Arts and Sciences and the Department of Applied Statistics and Operations Research in the College of Business.
- The Department of Mathematics and Statistics offers master's and doctorate programs in statistics and data science. Advanced undergraduates can take graduate courses and then finish a master's degree in one year.
- Career opportunities in statistics, actuarial science and data science continue to be abundant and consistently rank in the top five in career surveys.



Students may want to consider a minor or second major in the following areas:

- Biology
- Business
- Computer Science
- Economics
- Geography
- Psychology
- Sociology

What can I do with this major?

Statistics graduates pursue careers in the following areas:

- Agriculture
- Business
- Economics
- Education
- Financial Analysis
- Government
- Insurance
- Medical Research
- Operations Research
- Pharmaceutical Industry
- Quality Control

A Public University for the Public Good

The Department of Math and Statistics at Bowling Green State University serves the public good by providing high quality education in mathematics, statistics, data science, and mathematics education to students and educators alike. These subjects provide the grounds for logical and critical thinking that lead to discovery and innovation across all disciplines, including STEM (science, technology, engineering and math), business, education and the arts.

For more information

Statistics

419-372-2636

bgsu.edu/math