



DATA SCIENCE

BGSU COLLEGE OF ARTS AND SCIENCES

Data science integrates math, statistics and computer science to manage and interpret complex and/or large volumes of data through different methods. Data science majors utilize data preparation, statistical methods, computer programming, predictive modeling, and machine learning to investigate problems. Data science majors are prepared for employment in this rapidly growing field by learning techniques for data collection, manipulation, exploration and visualization using modern interactive programming systems.

College of Arts and Sciences – Data Science

Points of Pride

- Data science courses are taught in small sections to ensure an appropriate level of personal attention.
- A freshman seminar course features talks on data science and statistics by researchers from many departments at BGSU and nearby companies.
- For the past few years, data science students have participated in the American Statistical Association’s DataFest competition, organized into several regional competitions throughout the United States. The BGSU data science team won second place honors in 2017.
- BGSU offers a doctoral program in data science, one of fewer than 25 such programs offered in the United States.



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

- Biology
- Business
- Computer Science
- Geology
- Physics
- Sociology
- Psychology

What can I do with this major?

Data Science graduates pursue careers in the following areas:

- Business
- Computer Science
- Data Analyst
- Data Engineer
- Data Science
- Finance
- Government
- Health Care
- Insurance
- Logistics
- Machine Learning
- Statistics
- Technology Companies

A Public University for the Public Good
The Department of Mathematics 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
Data Science
419-372-8349
bgsu.edu/datascience