

QUICK FACTS  
STATISTICS



DON'T FOLLOW.

*Pursue.*

TRUMAN STATE UNIVERSITY

SCHOOL OF SCIENCE & MATHEMATICS

Engage in a lively community of friends, mentors, teachers, and fellow learners. Work collaboratively with professors and other curious students. Make connections across a wide range of endeavors.

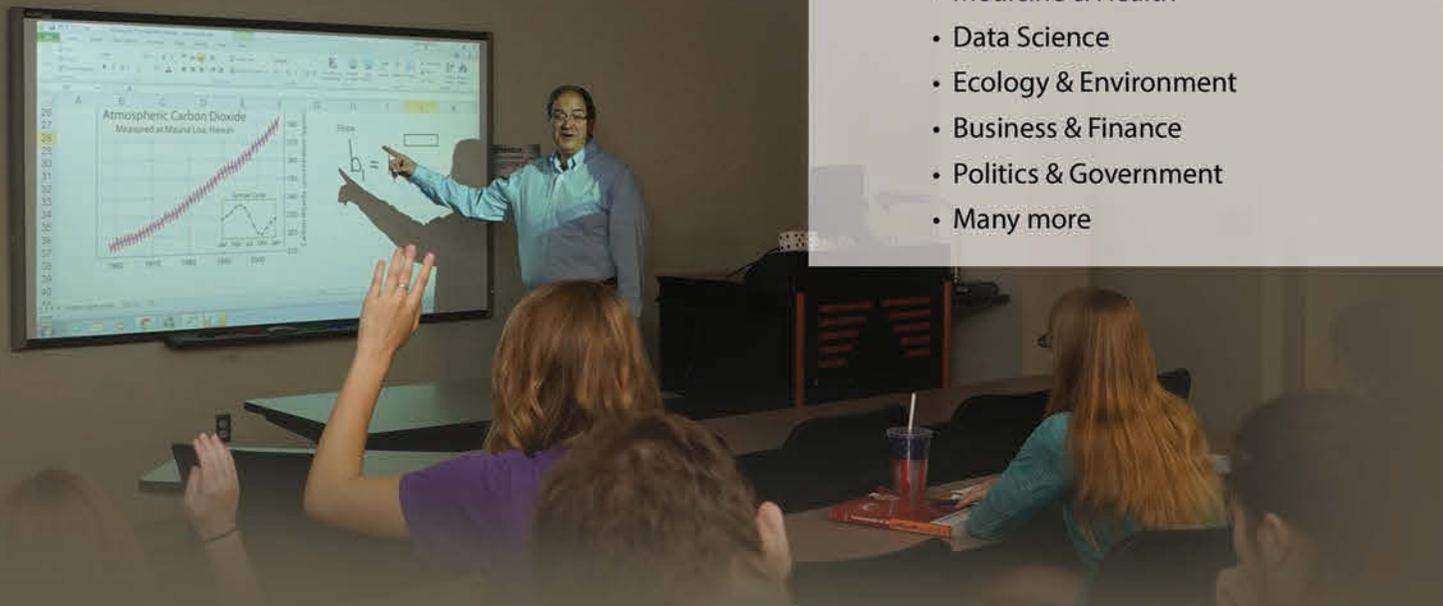
Pursue the questions that intrigue you.

[scienceandmath.truman.edu](http://scienceandmath.truman.edu)



Statistics  
Violette Hall 2100  
100 East Normal  
Kirksville, MO 63501

# DEPARTMENT OF STATISTICS



## Statisticians work in many interesting fields such as:

- Sports
- Medicine & Health
- Data Science
- Ecology & Environment
- Business & Finance
- Politics & Government
- Many more

## Curriculum: The Power of Choice

When you pursue a statistics minor, you'll work with students from across the university, exploring the use of data to learn about our world and make decisions in the face of uncertainty.

### Statistics: Prepare for Graduate School

- Planning to earn either a master's or Ph.D. in statistics? We designed the statistics minor especially for you.
- Even if you're not, a strong background in "stats" can strengthen any course of study — from business to political science to agriculture.

### Statistical Methods: Complement Any Major

- If you want to improve your data analysis skills, this minor was designed for you — especially if you're considering graduate school in data-driven areas (such as psychology, biology or business) or a data-oriented career in industry.

- Pair it with any major to add a solid statistical foundation to your studies.

### Actuarial Science: Pursue a Career as an Actuary

- Considering a career in risk assessment for insurance, business and other industries? Equip yourself for success with Truman's actuarial science minor.
- Take classes in economics, mathematics, and statistics to prepare you for the first two actuarial exams, which serve as the gateway into the profession.

## Society of Actuaries at Truman

- Want to belong to an actuarial organization that aims to produce the finest mathematical and business professionals?
- Learn about requirements for entrance into the field of actuarial science, prepare for professional exams, connect with prominent actuarial firms, and meet students interested in the profession.



"The wide range of statistic courses offered here at Truman has exposed me to many different analysis techniques. This knowledge has opened up many doors for me, including an internship and permanent job at Boeing."

**Megan Mange, Class of 2016**  
 Pursued at Truman: **Mathematics and Statistics**  
 Pursuing now: **Currently working at Boeing**

## Explore Outside the Classroom

- Use your knowledge of Statistics to pursue undergraduate research in your major or through the Next STEP or Mathematical Biology programs.
- Truman offers intense summer research with direct faculty mentoring.

## The Center for Applied Statistics and Evaluation

- Work with real clients on real problems in a paid consulting program.
- CASE is staffed by statistically-minded students and faculty from a variety of areas—one of the few consulting centers in the nation staffed by undergraduates.
- Student consultants receive extensive training and work in a team structure, often working one-on-one with faculty mentors.
- Clients include external clients and grant programs, as well as researchers on Truman's campus.

## Study Abroad

Truman offers you access to over 500 study abroad opportunities in more than 60 countries to inform meaningful decisions. Participate in a faculty-led study abroad program to gain cultural understanding while completing Truman courses!

- Monetary assistance is available, including Truman State University Foundation Scholarships.
- Cultural loans are also available for all programs.

## After the Degree

Pursuing a minor in statistical methods, statistics, or actuarial science prepares you for a range of careers in areas such as:

- actuarial science
- agribusiness
- banking and finance
- consumer marketing
- economics
- environmental sciences
- insurance
- medical research
- scientific research
- teaching...and many more!

## Discover the Hidden Patterns of the World Around You

- **Analyze** information
- Learn from **data**
- Create **models** to capture **insights**
- **Solve** complex **problems**



Make a Difference



Have Fun



Satisfy Curiosity



Make Money

### PURSUING STATISTICS

**BA  
BS**

DEGREES OFFERED

CONCENTRATION OPTIONS  
 Data Science, Theoretical, and Applied

MINORS OFFERED  
 Statistics, Statistical Methods, and Actuarial Science

**144**

approximate number of students pursuing one of these minors

**12**

number of majors represented in the statistics minors

number of full-time faculty in Statistics

**9**

DEPARTMENTAL STUDENT ORGANIZATIONS  
 Society of Actuaries at Truman State University, Mathematical Association of America, Kappa Mu Epsilon

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