

# DEPARTMENT OF MATHEMATICS AND STATISTICS

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## Leadership

Bryan Clair, Ph.D.

*Department Chair*

Brody Johnson, Ph.D.

*Associate Chair, Undergraduate Program Coordinator*

Jim Gill, Ph.D.

*Graduate Program Coordinator*

Michael May, S.J., Ph.D.

*Lower Division Coordinator*

## Overview

Saint Louis University's Department of Mathematics and Statistics offers a Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Master of Arts (M.A.) and Doctor of Philosophy (Ph.D.) in mathematics.

The B.A. degree can include a concentration in statistics, and there is a teachers option. The department participates in the Bachelor of Science (B.S.) degree in data science. Minors are available in mathematics, in engineering mathematics and in actuarial mathematics. An accelerated bachelor's/master's program combines the mathematics B.A. or B.S. with the Master of Science (M.S.) degree in bioinformatics and computational biology.

Faculty members are internationally recognized researchers in pure mathematics and statistics and are award-winning educators dedicated to innovation in instruction, curricular development and classroom technology. The faculty delivers advanced mathematics and statistics courses in the context of a liberal arts education, with small class sizes and a 1-1 faculty-student ratio in graduate programs.

Mathematics and statistics courses meet the needs of students with a wide variety of interests. The department offers introductory courses to satisfy the core curriculum requirements, as well as courses that provide students in other disciplines with the mathematical and statistical background that they need for their chosen fields of study. Students who major in mathematics are prepared for careers in business, industry, government and education, or for further study at the graduate level in math, computer science, law or medicine.

## Programs

### Undergraduate

- Actuarial Mathematics, Minor
- Bioinformatics and Computational Biology, Bachelor's to M.S. Accelerated Program
- Data Science, B.S.
- Engineering Mathematics, Minor
- Mathematics, B.A.
- Mathematics, B.S.
- Mathematics, Minor

### Graduate

- Mathematics, M.A.
- Mathematics, Ph.D.

### Faculty

Anneke Bart, Ph.D.

Russell Blyth, Ph.D.

John Cantwell, Ph.D., Professor Emeritus

Bryan Clair, Ph.D.

Bradley Currey, Ph.D.

Kimberly Druschel, Ph.D.

Daniel Freeman, Ph.D.

James Gill, Ph.D.

Haijun Gong, Ph.D.

Steven Harris, Ph.D.

James Hebda, Ph.D.

Philip Huling, Ph.D.

Benjamin Hutz, Ph.D.

David Jackson, Ph.D., Professor Emeritus

Brody Johnson, Ph.D.

John Kalliongis, Ph.D.

Greg Marks, Ph.D.

Michael May, S.J., Ph.D.

Elodie Pozzi, Ph.D.

Julianne Rainbolt, Ph.D.

Nirina Randrianarivony, Ph.D.

Darrin Speegle, Ph.D.

Ashish Srivastava, Ph.D.

T. Christine Stevens, Ph.D., Professor Emeritus

Michael Tsau, Ph.D., Professor Emeritus

Dennis Wacker, D. Sc., Professor Emeritus