From the conceptual and analytical skills gained in upper-level math courses to the practical skills learned in computer programming, our math students are well prepared for careers and advanced study in a number of fields. They also find natural collaborations among the natural and social sciences and with art and communication technologies. Concepts and techniques of mathematics play a vital role in everyday life. Our curriculum and activities in the department reflect this.

**POPULAR COURSES:**
- Cryptography
- Statistics
- Combinatorics and Graph Theory
- Number Theory
- Great Theorems of Mathematics

A course schedule can be designed for math majors who are interested in the actuarial profession to help prepare them for certification examinations administered by the Society of Actuaries.

**PROFESSORS:**
- DeJuran Richardson specializes in Biostatistics, conducting research focused on the design, conduct, and analysis of clinical trials in cardio-pulmonary diseases and health disparities.
- Jill Van Newenhizen studies social choice theory and voting theory.
- Enrique Trevino is an analytic and computational number theorist. He is very involved with problem-solving math competitions such as the Math Olympiad and the Putnam.

ALEXIS YUSIM ’15
**Majors:** Mathematics and Economics  
**Minors:** Philosophy  
**Current Job:** Research analyst at Coherent Economics

Read about Alexis’s path at lakeforest.edu/yusim
CHICAGO offers excellent internship and career opportunities for mathematics majors.

Want to be a financial market analyst? An actuary? A statistician? Concepts and techniques of mathematics play a vital role in an ever-increasing number of human activities. Through internships, our students prepare for the ever-changing nature of technology while providing learning tools to succeed in today’s technological world.

Our mathematics majors pursue many career paths:

- ACTUARIAL SCIENCE
- RISK MANAGEMENT
- DATA ANALYSIS
- COMPUTATIONAL SCIENCE
- BIOINFORMATICS
- MACHINE LEARNING

Combine mathematics with another area of study for a variety of careers:

Second Major or Minor:
- BUSINESS
- ECONOMICS
- COMPUTER SCIENCE
- EDUCATION
- FINANCE
- BIOLOGY

Career:
- DATA SCIENTIST
- SUPPLY-CHAIN ANALYST
- SOFTWARE DEVELOPER
- MATH TEACHER
- FINANCIAL ANALYST
- BIOSTATISTICS

Learn about our accomplished faculty, requirements for the major, and more at lakeforest.edu/academics/math