



LAKE FOREST
COLLEGE

MATHEMATICS

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



LAKE FOREST
COLLEGE

INTERNSHIPS AT: Uline • Morgan Stanley • Fisher Financial Partners, Inc. • Loop Capital Markets, LLC • AON • City of Lake Forest • Rosalind Franklin University of Medicine and Science • Coherent Economics

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