DEPARTMENT OF
MATHEMATICS
College of Arts and Sciences

Open doors to opportunities with a degree in Mathematics

EXPLORE fascinating and surprising mathematical concepts
LEARN the logical language of mathematical proof
TRAIN for a career in education, data science, finance, etc.

	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR+
Your Courses	Establish a foundation for your mathematical knowledge with **MATH 2144** and **MATH 2153**, **Calculus I and II**, explore courses in Physics and Computer Science.	Take your first steps into higher math with **MATH 3013 (Linear Algebra)**, continue the Calculus Sequence, finish science and computer science courses.	Explore proof-based mathematics with **MATH 3613 (Introduction to Abstract Algebra)**, apply your knowledge in **MATH 3583 (Introduction to Modeling)**	Choose from an extensive array of advanced courses including ***analysis, partial differential equations, geometry, number theory, and more.***
Your Experience	Explore opportunities such as a ***Freshman Research Scholarship***. Begin to learn about different potential research areas.	Narrow down your research interests and future specialization. ***Flex your mathematical abilities with the Putnam competition!***	Attend local conferences, apply for departmental research incentives such as the ***Koslow Scholarship!***	Attend national conferences, present work at the ***OSU Undergraduate Research Symposium!***
Your Community	Join student organizations such as the ***Math Club***, the ***OSU chapter of the Association for Women in Mathematics***, or the ***Actuarial Club.***	Navigate your first experiences in teaching mathematics, working as a ***tutor at the MLSC*** or as a ***learning assistant for a corequisite mathematics course!***	***Consider a leadership role*** in a student club, work as a study group leader or coordinator at the MLSC!	Talk with faculty, advisors, and career counselors about ***careers, graduate school, or professional school.***
Your Career Readiness	Talk with the departmental undergraduate advisor to ***learn more about options*** and concentrations for your degree.	Apply for scholarships such as the ***Wentz*** or ***Goldwater***. Explore internship opportunities with companies such as ***American Fidelity Assurance.***	Take part in a ***Research Experience for Undergraduates program***, network with other mathematicians at local conferences.	***Attend career fairs***, apply to professional school or graduate school in Mathematics or a related field!

Your Personalized Path Consider adding a degree option, second major, or minor in Computer Science, Finance, Statistics, or Secondary Education

YOU WILL LEARN

How to use math to model physical processes and phenomena, how to set up and solve mathematical and quantitative problems, and properties of numbers, geometric shapes, mathematical relationships, and more!

WHAT IS NEXT

Begin a career in actuarial science, business, data science, education, finance, or telecommunications.

Attend graduate or professional school in Mathematics, Economics, Education, Finance, or Law

Learn more about building your custom path, visit:
math.okstate.edu