

Winthrop University

DEPARTMENT OF

Mathematics

The Department of Mathematics at Winthrop University is a vibrant community of faculty and students like you who use analytical and critical thinking skills to solve life's problems. The department offers coursework in many different areas, including applied mathematics and mathematics education. Mathematics is an integral part of the modern world: fields of study from science to business to education use quantitative reasoning to answer important questions. You'll leave our department with the knowledge and problem-solving skills to excel as teachers, to thrive in graduate programs, and to be highly valued members of the workforce.



Thomas W. Polaski, Ph.D.

Chair, Department of Mathematics

Congratulations on considering a degree in mathematics at Winthrop! As a mathematics major at Winthrop, you will engage in challenging explorations both through regular coursework and through research with faculty mentors, and develop relationships that lead to many different forms of collaboration and exploration. The mathematics faculty has a diverse set of experiences and disciplinary interests that provide a rich environment in which motivated students can excel. A degree in mathematics requires hard work, problem solving, reasoning, and dedication, but these are exactly the reasons why so many employers prefer mathematics graduates as employees.



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Degree Programs

Bachelor of Arts in Mathematics

Bachelor of Arts in Mathematics
with Teacher Certification

Bachelor of Science in Mathematics

Bachelor of Science in Mathematics
with Teacher Certification

Minor in Mathematics

Co-curricular experiences open to all mathematics majors

- Undergraduate Research
- SC-INBRE
- Mathematics Conferences
- Study Abroad

“All you need is a driving curiosity, a broad imagination, and an unstoppable perseverance.”

- Lindsay Bradley '17

Extra-curricular activities open to all mathematics majors

- Nu Epsilon Rho Delta (NERD) Math Club
- Kappa Mu Epsilon Mathematics Honor Society
- Internship Opportunities

Quick Facts

12 students presented their research at conferences last year

63 students enrolled in math degree programs

14 average class size for upper-level math courses

Freshman Class Schedule

ACAD 101	Introduces first-year students to the concepts, resources, and skills necessary for successful higher learning and facilitates the student's adjustment to the learning academy.
WRIT 101	Introduces students to college-level, thesis-driven, research-based writing. Focus on planning, organizing, and developing persuasive essays.
MATH 201	This course begins the study of the calculus of one variable and techniques used to solve problems in a variety of disciplines. Students with AP credit may take MATH 202 or MATH 301 instead.
CSCI 151	This course is oriented toward mathematics and science majors and covers a wide range of topics in computer science.

I got the chance to work on math that had never been done before!

- Matt Farmer '16

Scholarship Opportunities

Ellen Rasor Wylie Mathematics Scholarship: Candidates should show academic merit and good character. At least a 3.0 GPA overall and at least 3.5 GPA in mathematics coursework are required.

Betty Freeman Hinman Endowed Scholarship: First preference is given to female mathematics majors of at least junior standing. At least a 3.0 GPA overall and at least 3.25 GPA in mathematics coursework are required.

Winthrop Initiative for STEM Educators (WISE): Students pursuing a major in mathematics with teacher certification or intending to pursue a Master of Arts in Teaching degree may apply for these scholarships.

For more information: www.winthrop.edu/cas/math

Potential Careers In Mathematics

- Actuary
- Attorney
- Budget Analyst
- College Professor
- Cryptanalyst
- Foreign Exchange Trader
- Forensic Analyst
- Market Research Analyst
- Mathematical Physicist
- Mathematician
- Mathematics Teacher for 9-12
- Operations Research Analyst
- Statistician
- Stockbroker
- Technical Writer
- Urban Planner



"From cancer modeling to sports analytics, any driven student has the opportunity to participate and succeed in a research project."

-Alex Middleton '17

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