GROVE CITY COLLEGE
Because faith and freedom matter

DEPARTMENT OF
MATHEMATICS

ALBERT A. HOPEMAN, JR. SCHOOL OF SCIENCE, ENGINEERING AND MATHEMATICS

DEPARTMENT FACULTY

Eric Bancroft, Ph.D.
Associate Professor of Mathematics

Erin Bancroft '07, Ph.D.
Associate Professor of Mathematics

Kelleen Bonomo, Ph.D.
Professor of Mathematics

Dan Dean
Associate Professor of Mathematics

Steven Flanders, Ph.D.
Assistant Professor of Mathematics

Michael Jackson, Ph.D.
Professor of Mathematics

Dale McIntyre, Ph.D.
Professor of Mathematics

Susan McIntyre
Instructor of Mathematics

Gary Thompson, Ph.D.
Professor of Mathematics

> "The Department of Mathematics has exceeded my expectations. The unique part about being a math major is that every problem is different. I have learned how to analyze a situation and use the insights that I have gained to solve a problem."
>
> – Angela Palumbo '13

DEPARTMENT DESCRIPTION

The Department of Mathematics prepares students to excel in graduate studies and employment across a a wide variety of industries including education, computer and information sciences, actuarial science, business, insurance and financial services. Mathematics is the language of science and a necessary ingredient living in a dynamic, technological age. Combined with the College's core curriculum, students majoring in mathematics integrate their specialized understanding of mathematics into the entire range of human knowledge and behavior. The department offers a traditional and challenging curriculum with courses in pure and applied mathematics. Graduates of the program are valued by employers for their problem-solving and critical thinking skills.

MAJORS
Mathematics
In addition to the College's core curriculum, students complete 42 credit hours of required coursework including in-depth study of linear and abstract algebra, calculus, classical analysis and more.

Mathematics with a concentration in Actuarial Sciences
Students complete 55 credit hours with advanced coursework in statistics, finance, risk and insurance, investment management and investment valuation.

Mathematics and Secondary Education Certification
Students complete 85 credit hours to fulfill requirements of the full mathematics major and requirements of the Commonwealth of Pennsylvania for secondary mathematics certification.

MINOR
Mathematics
Students complete 22 credit hours of course requirements to minor in mathematics. The minor offers coursework in linear algebra, combinatorics and discrete math, number theory, complex variables and more.

SPECIAL DEPARTMENTAL AREAS OF INTEREST
The math department is home to Kappa Mu Epsilon, an honorary math society. KME sponsors several speakers annually and coordinates scholarly and social events. In addition, the department sponsors a team for the Putnam Exam, a national undergraduate mathematics competition.

UNDERGRADUATE RESEARCH OPPORTUNITIES
The department offers a four-week summer program for students to participate in research over the summer. Math majors have had good success being accepted into REU (Research Experience as Undergraduates) programs at locations across the country as well, and two majors were also awarded undergraduate research fellowships at the NSA.

INTERNSHIPS
Students have participated in internship programs with PPG, Erie Insurance, UPMC, the United States Department of Defense, NASA and the National Security Agency.

CAREER AND GRADUATION OPPORTUNITIES
Our Math Secondary Education majors have been successful finding employment in the field, as have our math/actuary students. Math majors continue their education in law school, medical school and graduate school in mathematics. Students are currently in graduate programs at the University of Kentucky, Clemson University, North Carolina State University, the University of Virginia, the University of Illinois and George Mason University.

CONTACT
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