



mathematics

be greater than

Take an active role in applying mathematics to research and other sciences

Enjoy small, intimate classes that result in stronger faculty-student connections

Acquire the foundation of knowledge necessary to thrive at the graduate level

Prepare to push the limits of engineering, computer science, and other areas

why you belong here

Do you dream of pushing the limits of research and development, engineering, computer science, banking, data analysis and other areas? Are you determined to apply the principles of mathematics to benefit the world around you? If you answered, "yes," then you belong in the mathematics program at Chatham University.

The goal of our mathematics program is to help you build a solid foundation of mathematical knowledge and prepare you for graduate or engineering study, employment in a wide range of industries, or for elementary or secondary teaching certification.

At Chatham, you will explore the principle branches of mathematics, including calculus, algebra, probability and statistics, and analysis, with emphasis on applications of mathematics to the sciences and social sciences. You will work closely with a dedicated faculty with opportunities to apply what you learn in research programs and beyond.

what you can expect

Your classmates at Chatham may be taking math classes to meet a requirement or proficiency, as part of a major or minor in math, or just for the enjoyment of it. Regardless of what brings you to this department, you can expect to learn mathematics from motivated instructors who combine lectures with computer learning and student presentations. When you major in mathematics, you will receive a great deal of personal attention, considering that higher-level courses often enroll only 3-7 students.

what you will learn

During your time at Chatham, you will be expected to extend your knowledge of mathematics to its connections with science and computing, allowing you to use scientific methods of the highest ethical standards in designing algorithms and executing computational schemes. You will acquire an appreciation for proofs, applications, logic, and research methods while demonstrating high-level skills in numerical, algebraic, and calculus manipulations in the use of mathematical notation, spatial reasoning, and computer programming.

where it will take you

Our mathematics program will prepare you for graduate or engineering study, a career in a wide range of industries, or for elementary or secondary teaching certification. Through Chatham's Integrated Degree Program, you could earn your bachelor's degree in mathematics and Master of Arts in Teaching from Chatham in as few as five years.

learn more

Read faculty bios, browse course descriptions, and find links to professional organizations at chatham.edu/math.

"I maintain a good sense of the mathematical backgrounds and abilities of my students. It's my responsibility to give these students the best possible chance for success through both my teaching and tutorial advising."

— Aaron Trout, Ph.D., assistant professor of mathematics

trending now

- Students in the mathematics program will have the opportunity to participate in the COMAP competition to solve real-world problems, attend conferences of Pi Mu Epsilon, the mathematics honorary society, as well as presenting papers as part of the Mathematical Association of America.
- The Chatham Science Complex, home to the mathematics department, consists of the renovated Buhl Hall and new 10,000 square-foot laboratory building connected to Buhl by a three-story glass atrium. The complex contains specialized research spaces, laboratories and classrooms, a climate controlled instrument laboratory, hot and cold biology rooms, extensive computing facilities, audio-visual and multimedia equipment, and modern instruments.

chathamUNIVERSITY

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