

Mathematics

Degree Offered: Bachelor of Arts in Mathematics
Bachelor of Arts in Mathematics Adolescence Education 7-12

*Provisional New York State teaching certification

The mission of the Mathematics Department is to advance the knowledge of mathematics and to provide awareness of the value and importance of mathematics in the modern world: by teaching mathematics, by research in mathematics and mathematical pedagogy, and by the communication of this knowledge to our students and the community we serve.

Career Options:

- Data Analyst
- Statistician
- Software Developer
- Financial Analyst
- Elementary or High School Teacher
- Market Researcher
- College or University Professor
- Architect
- Actuary
- Project Engineer

Program Highlights:

- Work in a close and collaborative atmosphere - classes ranging from 5-25 students.
- Participate in undergraduate research, service learning, and a variety of activities that will enhance your education and prepare you to be successful in your career.
- Learn about today's most relevant areas of mathematical science, including computer science, applied modeling, and statistics.
- Be prepared to take the actuarial exams.
- Earn your provisional NY State teaching certification.
- Work out math problems with professors and fellow students in the Math Lab.

Recent Graduates' Jobs and Graduate Programs

- Teachers: Clarence, Lancaster, Star Point, West Seneca, Williamsville and other public schools
- Auditor, U.S. Internal Revenue Service
- Actuary
- Computer Scientist
- Higher Education Administrator
- Master in Mathematics, University at Buffalo
- Ph.D., University of Delaware

Math Students at Daemen are INVOLVED

- Join the AfterMath Club, the student organization for Math majors.
- Drop by the Math Lab Center to work out math problems with professors and fellow students.

Students learn to:

- Develop critical thinking, problem solving, and communication skills
- Recognize the value of mathematical theory as useful and enlightening in both pure and applied contexts
- Use technology effectively, both as a tool for solving problems and as an aid to exploring mathematical ideas
- Develop facility with visualization, see connections among mathematical areas, and appreciate the power of abstract thinking by combining ideas from linear algebra and calculus.

did you know...

According to the Wall Street Journal, Mathematician was ranked among the top best jobs of 2015 based on work environment, stress, physical demands, hiring outlook, and income. The average salary came to \$102,182.

*Source: Wall Street Journal "The 10 Best Jobs of 2015"

For the high school student who loves crunching numbers to win his/her fantasy baseball league, learning about the career path of an actuary or data scientist may spark a career interest that simply didn't exist before.

*Source: CareerCast "Jobs Rated Report 2015: Ranking the Top 200 Jobs"



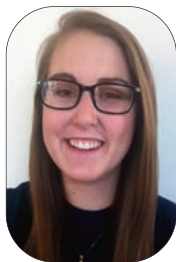
Anthony, Mathematics

"I changed my major to math because I really enjoyed the courses. I would recommend this program. I feel the faculty members are very knowledgeable and the course work covers all of the important areas of mathematics.

The faculty helped me grow as a student and as a person. They forced me to work harder than I ever have before. They also taught me to study differently and analyze problems.

I believe my thesis paper and presentation has prepared me for work that would be required in graduate school.

What I like best about Daemen are the small class sizes and friendly atmosphere."



Maria, Mathematics

"I would definitely recommend this program to any student who enjoys Math. If I ever have a question, not only can I ask any of the faculty members, but I also feel comfortable asking my fellow Math majors.

The faculty members in the Mathematics Department have been helpful to me throughout my first year here at Daemen. They are always willing to answer questions on homework or anything else.

Because Daemen is a small school, the closeness and quick acceptance I have felt after only being here for a year so far has been overwhelmingly great."