

LEARN

MATHEMATICS AT CABRINI

Through the Mathematics Department, students can choose to major in:

- **Mathematics**
- **Mathematics and Secondary Education** (dual degree)
- **Mathematics with a concentration in Actuarial Science**

Students who graduate with a degree in Mathematics are prized for their ability to reason effectively, think logically, and solve problems rationally.

These skills are the foundation for successful careers in business, finance, education, industry, or law, as well as for graduate school. When you major in Mathematics at Cabrini, you will develop quantitative and analytical skills that are in demand in every industry.

As an integrated program of study, your major incorporates both applications and theory. You will receive solid grounding in critical, creative, and logical problem solving. Plus, you will be encouraged to study your own mathematical interests. Classes are small—the average class is about 12 students—led by faculty with advanced degrees.



POST-GRADUATION OPPORTUNITIES

Students in the Mathematics Department have gone on to graduate school or interned or worked as actuaries, mathematicians, math teachers, operations research analysts, and statisticians at the following organizations:

- Comcast
- Employee Benefit Specialists
- PA Leadership Charter School
- Philadelphia Eagles
- Upper Darby High School
- United States Liability Insurance
- Voya Financial

RELATED CLUBS AND AFFILIATIONS

- Sigma Zeta (national science and mathematics honor society)
- Math Club

MATHEMATICS CURRICULUM

Here is a sample of courses that Mathematics majors may choose depending on their major or concentration:

MAT 130

Calculus II

MAT 201

Introduction to Linear Algebra

MAT 215

Discrete Mathematics

MAT 221

Introduction to Mathematical Proofs

MAT 222

History of Math

MAT 225

Introduction to Technology in Mathematics

MAT 230

Calculus III

MAT 231

Differential Equations

MAT 301

Abstract Algebra

MAT 313

Probability and Statistics

MAT 407

Geometry

MAT 410

Real Analysis

MAT 413

Advanced Statistics

MAT 470

Capstone

CIS 195

Introduction to Programming

Depending on their track, students select up to two math electives.

DEPARTMENT CHAIR

John Brown, PhD

EXPLORE MORE

cabrini.edu/mathematics

CONTACT US

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