

Dominican College

[MATHEMATICS]



The Mathematics program is designed to enable students to acquire an appreciation of mathematics by studying and working with some of the modern and ancient ideas in the field. Students preparing to teach mathematics will be competent in those areas specifically recommended by the committee on the Undergraduate Program in Mathematics and the National Council of Teachers of Mathematics.

Students who choose to major in Math will develop the ability to think logically and clearly. They will achieve strong problem solving skills and be able to apply this knowledge to real-life applications. Similar to most students majoring in the liberal arts or sciences, Math majors may pursue a career in an incredibly large number of occupational settings--anything from the business world to teaching

WHY STUDY MATHEMATICS?

Students studying math have enjoyed careers in:

- :: Business
- :: Computer analysis, systems design
- :: Education
- :: Statistics
- :: Engineering
- :: Information systems
- :: Air traffic control
- :: Criminology
- :: Research
- :: Meteorology
- :: Production

MATHEMATICS MAJOR

Our department offers these options for students pursuing a degree in Math:

- :: B.A. in Mathematics
 - With liberal arts
 - Pre-engineering specialization
 - Actuarial specialization
- :: B.A. in Mathematics with Adolescent Education certification
- :: B.S. in Education with Childhood Education

Students majoring in Math may elect a specialization in Actuarial Science or, through a cooperative arrangement with Manhattan College School of Engineering, a Pre-Engineering Option. In the Actuarial Science specialization, a program of appropriate Math courses is supported by selected courses offered in the Business Division. A culminating seminar prepares the student for the first two Actuarial examinations.

MORE THAN JUST MATHEMATICS

The College offers a wide variety of minors to complement your Math choice of study. Available minors that will strengthen your background include:

- :: Economics
- :: Criminal Justice
- :: Communications
- :: Biology
- :: Philosophy

An 18-credit Mathematics minor is also available to students in other fields of study.

In a competitive marketplace, you have to be prepared for whatever comes your way. Our internship program enables you to gain real-world experience, and as a graduate, to “hit the ground running” when you enter the job market.

MATHEMATICS FACULTY AT DOMINICAN:

The full-time Mathematics faculty at Dominican College is dedicated to the success of the Mathematics students.

Jennifer Sassano, Ed.D., the program coordinator holds a doctorate degree from Teachers College of Columbia University and her past experience includes teaching at both the middle school and high school levels. **Kathleen Hinge, Ph.D.** received her doctorate from Rensselaer Polytechnic Institute and has a background in the mathematics modeling of manufacturing processes. **Margaret E. Mulligan, M.S.**, has systems engineering and design experience in the business world. **Eric Sponza, M.S.** has prior teaching experience at both a community college and SUNY schools.

On-going associations of the

Mathematics faculty include:

- :: Mathematics Association of America
- :: Alpha-Chi
- :: NYSMATYC
- :: NCTM
- :: AAPT



For more information contact:

Jennifer Sassano, Ed.D, *Coordinator of Mathematics, Prusmack Center*
470 Western Highway Orangeburg, NY 10962
845.848.6014 | jennifer.sassano@dc.edu