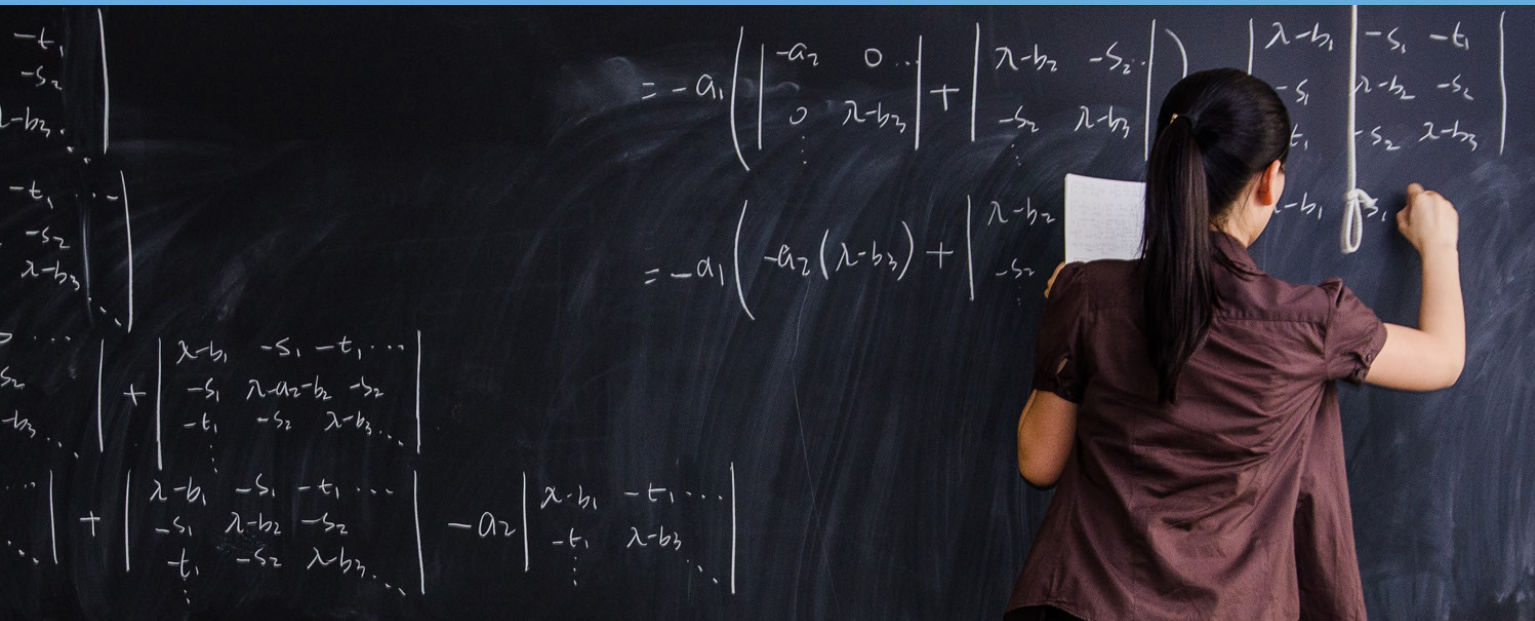


# Mathematics (BA, BS)



## PROGRAM OVERVIEW

Drexel University’s Bachelor of Science or Bachelor of Arts in Mathematics provides a healthy foundation of abstract reasoning, applications and computing.

Each program includes a core set of requirements for all students, as well as flexible electives to best match students’ professional goals. Many courses are data-driven, and all are current with modern industry standards to prepare students for success during their co-op positions and after graduation.

The department’s academic adviser helps students develop their career paths and choose applicable courses to fit their interests and goals.

## INNOVATIVE CURRICULUM

Notable courses offered within this department include:

- Mathematics of Investment and Credit
- Introduction to Topology
- Actuarial Mathematics
- Cryptography

## DEGREES OFFERED

**THE BS IN MATHEMATICS** allows students to experience a broad range of mathematical topics, while gaining a depth of expertise in a specific area. Students can choose to emphasize computing, abstract reasoning and/or mathematical modeling.

**THE BA IN MATHEMATICS** provides a strong general mathematics background while allowing students to create a program tailored to their interests. This is extremely useful for students pursuing careers in teaching or in the actuarial profession. Students are required to take additional courses in science, economics, finance, computer science or engineering. Because the BA offers more free electives, students who are interested in other fields are able to pursue a second major.

**MINOR IN ACTUARIAL SCIENCE** is designed to provide students with the quantitative and analytical skills to obtain an entry-level position in the actuarial sciences profession.

### ACCELERATED DEGREES

Accelerated BS/MS in Mathematics

Accelerated BS/BA in Mathematics and MS in Biostatistics





## THE MATH RESOURCE CENTER

Staffed by full-time faculty, teaching assistants and math majors, the Math Resource Center is where all Drexel students go to prepare for exams, get help with homework or attend one-on-one tutoring sessions. Students who tutor in the Center have the opportunity to interact with their peers, faculty and graduate students, while earning extra money.

## DREXEL CO-OP

Co-operative education options prepare mathematics students in areas such as finance, health care and insurance. Students are prepared to pursue advanced education and careers across wide-ranging areas.

Previous co-op placements include:

**SUSQUEHANNA INTERNATIONAL GROUP • THE BRYN MAWR TRUST COMPANY • INDEPENDENCE BLUE CROSS • THE PHILADELPHIA DEPARTMENT OF COMMERCE • JOHNSON & JOHNSON**

Research Co-ops: Our department offers unique opportunities for undergraduates to work on long-term, full-time research projects with internationally known mathematicians. Projects vary in topic and are derived from individual faculty research programs.

## BEYOND THE CLASSROOM

### DRAGONS TEACH

The Dragons Teach program allows students to obtain secondary teaching certification and provides another career option for math majors. Designed to address the national need for STEM teachers, this program streamlines the path to a teaching certificate. Learn more at [drexel.edu/dragonsteach](http://drexel.edu/dragonsteach).

### STUDENT CLUBS AND ORGANIZATIONS

#### ***Math Student Organization (MSO)***

Open to all students, this organization provides opportunities to explore math beyond the classroom and to interact with students who share similar interests. The MSO organizes a variety of activities, as well as events featuring invited guests, and is dedicated to guiding aspiring actuaries.

#### ***Society for Industrial and Applied Mathematics (SIAM)***

The goal of this Drexel student chapter is to generate interest in applied mathematics and to create opportunities for networking and meeting students with similar interests.

LEARN MORE  
ABOUT THE  
PROGRAM



CONTACT US

College of Arts and Sciences  
[coas@drexel.edu](mailto:coas@drexel.edu)

Undergraduate Admissions  
[enroll@drexel.edu](mailto:enroll@drexel.edu)

FOLLOW US

@drexel\_coas