



## MATHEMATICS

Students enrolled in the Mathematics Major Program often use electives to focus on an area of personal interest and are encouraged to minor in a subject where mathematics is applied. Three different kinds of skills are emphasized in the mathematics major:

**Abstract Reasoning** – All students majoring in mathematics take at least five courses that emphasize abstract reasoning. Students read and write proofs, enabling them to graduate well prepared to enter a PhD program in mathematics.

**Computing** - All students majoring in mathematics take a series of seven courses that emphasize computing. This emphasis on computing is one of the distinctive features of the mathematics program at Drexel, and provides students with a competitive advantage in the job market.

**Mathematical Modeling** - All students majoring in mathematics take multidisciplinary courses that focus on the interplay between mathematics and an area of application. Examples of courses in this category are Mathematical Finance Cryptography, Mathematics of Medical Imaging, and Actuarial Mathematics.

Students wanting specific information about the major are encouraged to stop by the department office in the Korman Center, Room 206, call the department at 215.895.2668, or visit their website at [drexel.edu/math](http://drexel.edu/math).

### Employers Who Have Hired Drexel Students Include:

Ace USA  
 BlackRock  
 Merck Pharmaceuticals  
 Cigna Corporation  
 Comcast Corporation  
 Drexel University  
 PJM International  
 Independence Blue Cross  
 Sunoco  
 Susquehanna International Group

## JOB TITLES

Actuarial Assistant  
 Bank Teller  
 Data Analyst  
 Operations Assistant  
 Investment Manager  
 Accountant

Teacher/Professor  
 Trader  
 Research Assistant  
 Reinsurance Agent  
 Statistician  
 Economist

Please refer to [drexel.edu/scdc](http://drexel.edu/scdc) for our most recent co-op salary information.

## PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

**Actuarial Careers**  
beanactuary.com

**American Statistical Association**  
amstat.org

**Society for Industrial & Applied  
Mathematics**  
siam.org

**CAS Student Central**  
casstudentcentral.org

**American Mathematical Society**  
ams.org

**Mathematical Association of America**  
maa.org

**Sloan Foundation**  
sloan.org

## CAREER RESOURCES

**Resume, Interviewing and Job Search Best Practices**  
drexel.edu/scdc/professional-pointers

**Workshop Calendar**  
drexel.edu/scdc/calendars-events/workshops

## DREXEL DEPARTMENTS

**Department of Mathematics**  
Korman Center – Room 206  
215.895.2668  
mathinfo@drexel.edu  
drexel.edu/math

**Career Services Library  
Careers Collection**  
Hagerty Library  
33<sup>rd</sup> and Market Streets, Room 136  
www.library.drexel.edu/guides/careers