



## 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 [www.drexel.edu/math/](http://www.drexel.edu/math/)

**Employers who have hired Drexel students include:**

Ace USA  
AmeriQuest Transportation  
BlackRock  
Comcast Corporation  
GlaxoSmithKline  
Merck Pharmaceuticals  
PJM Interconnection  
Sunoco  
Susquehanna International Group

## JOB TITLES

Actuarial Assistant  
Bank Teller  
Data Analyst  
Operations Assistant

Teacher  
Trader  
Research Assistant  
Reinsurance Agent

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

## PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

### Actuarial Careers

[www.beanactuary.com/](http://www.beanactuary.com/)

### American Statistical Association

[www.amstat.org](http://www.amstat.org)

### Society for Industrial & Applied Mathematics

[www.siam.org](http://www.siam.org)

### American Mathematical Society

[www.ams.org](http://www.ams.org)

### Mathematical Association of America

[www.maa.org/](http://www.maa.org/)

### Sloan foundation

[www.sloan.org/](http://www.sloan.org/)

## CAREER RESOURCES

### Steinbright Career Development Center Pre-Professional Advising (Prelaw, Prehealth)

[www.drexel.edu/scdc/careerservices/pre-professional-advising/index.html](http://www.drexel.edu/scdc/careerservices/pre-professional-advising/index.html)

### Writing Your Resume

[www.drexel.edu/scdc/coop/COOP101/materials/writingyourresume.html](http://www.drexel.edu/scdc/coop/COOP101/materials/writingyourresume.html)

### Interviewing

[www.drexel.edu/scdc/coop/COOP101/materials/interviewing.html](http://www.drexel.edu/scdc/coop/COOP101/materials/interviewing.html)

### Workshop Calendar

[www.drexel.edu/scdc/events/workshops/coop-workshops.html](http://www.drexel.edu/scdc/events/workshops/coop-workshops.html)

## DREXEL DEPARTMENTS

### Department of Mathematics

Korman Center, Room 206  
215-895-2668

[www.drexel.edu/math/](http://www.drexel.edu/math/)

### Career Services Library

#### Careers Collection

Hagerty Library  
33<sup>rd</sup> and Market Streets, Room 136  
215-895-6843

[www.library.drexel.edu/services/refcareers.html](http://www.library.drexel.edu/services/refcareers.html)