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.

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 |

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.

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 for our most recent co-op salary information.
PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

Actuarial Careers
beanactuary.com

American Mathematical Society
ams.org

American Statistical Association
amstat.org

Mathematical Association of America
maa.org

Society for Industrial & Applied Mathematics
siam.org

Sloan Foundation
sloan.org

CAS Student Central
casstudentcentral.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
33rd and Market Streets, Room 136
www.library.drexel.edu/guides/careers