Focus on Careers:

MATHEMATICS

The Brandeis graduate program in Mathematics is geared towards those who wish to pursue a career researching or teaching pure mathematics such as algebra, analysis, topology and combinatorics. Many students in the MA go on to pursue PhDs in mathematics after completing the master’s degree.

POSSIBLE AREAS OF EMPLOYMENT

Applied research
Computer programming
Teaching and education
Investment banking
Financial analysis
Theoretical research
Modeling and simulation

Universities and colleges
Consulting
Software publishers
Energy companies
Healthcare organizations
Government
Statistics and probability

EMPLOYABILITY SKILLS

• Analytical skills
• Logical thinking
• Ability to apply mathematical concepts to real world scenarios
• Problem-solving skills
• Abstract thinking

BEYOND BRANDEIS

GSAS alumni have gone on to a variety of careers including:

Visiting Instructor – Wellesley College
Postdoctoral Researcher – Boston University
Math Professor – DePaul University
Applied Research Mathematician – United States Department of Defense
Postdoctoral Research Fellow – National Science Foundation

ADDITIONAL RESOURCES

To learn more about the field and career options in mathematics, please visit:

American Mathematical Society
http://www.ams.org/home/page

National Council of Teachers of Mathematics
http://www.nctm.org

Society for Industrial and Applied Mathematics
http://www.siam.org

Association for Women in Mathematics
https://sites.google.com/site/awmmath/home

Consortium for Mathematics
http://www.comap.com

The Graduate School of Arts and Sciences’ Career Services office helps you explore career options and acquire job-search skills while at Brandeis and as you prepare to enter the workforce.