

# PATHWAYS TO YU

## B.A./M.A. IN MATHEMATICS

Katz School of Science and Health

Through the B.A./M.A. in Mathematics, YU undergraduates can complete up to four graduate Mathematics courses (twelve credits) in their junior and/or senior year that count towards both their undergraduate and graduate degrees, accelerating their path to the graduate degree and saving tuition along the way. After completing the bachelor's, students continue seamlessly on to complete the M.A. in Mathematics at YU's Katz School of Science and Health in as little as one more year.

### ABOUT THE M.A. IN MATHEMATICS

Jobs in math occupations are expected to grow 27% from 2019 to 2029, much faster than the average for all occupations, and will add about 56,100 jobs, according to the U.S. Bureau of Labor Statistics. This growth is based on the expectation that businesses and government agencies will continue emphasizing the use of big data.

YU's 30-credit M.A. in Mathematics develops your skills in modeling, algorithms, and numerical applications to help you succeed in a variety of industries. You'll also use predictive scientific simulations to solve real-world problems. We utilize an apprenticeship model where students will choose a research project and develop it across semesters under the guidance of a faculty member or industry mentor. Recent projects include applications to systems biology, complex networks, topological insulators, and astrodynamics. Learn more at [yu.edu/katz/Math](https://yu.edu/katz/Math)

### ABOUT THE KATZ SCHOOL OF SCIENCE AND HEALTH

YU's Katz School of Science and Health is an academic powerhouse in the heart of New York City. We are research scientists, tech builders and patient-centered clinicians working on problems that matter. We concentrate our energy on five sectors that are redefining the economy: Artificial Intelligence, Cybersecurity, Biotech and Health, Digital Media, and Fintech. In the lab, classroom and clinic, we lead with kindness, integrity, generosity and a commitment to leaving the world a smarter, safer, and healthier place.



### QUICK FACTS

- **Apply:** Junior Year or Senior Fall
- **Start:** Junior Spring or Senior Year
- **Grad Course Format:** On-Campus

### MINIMUM ELIGIBILITY REQUIREMENTS

- **GPA:** 3.2
- **Status:** Junior or senior standing
- **Undergrad Major:** Any YC or SCW major
- **Pre-requisites:** B+ or better in the following courses:
  - Calculus I and II
  - Multivariate Calculus
  - Linear Algebra

### CONTACT

[pathways@yu.edu](mailto:pathways@yu.edu)  
[yu.edu/pathways](https://yu.edu/pathways)



## Katz

Katz School  
of Science and Health



Request Information.  
Scan this QR code.  
Complete our form.



**Katz**

Katz School  
of Science and Health