



Yeshiva University

Yeshiva College

Academic Advising Center

500 West 185th Street, Furst Hall, Room 101

Phone: **646-592-4425** | Email: **advising@yu.edu**

Mathematics Major

Specialization in Actuarial and Financial Mathematics

Total Credits: 42

REQUIRED COURSES (7 COURSES, 24 CREDITS):

MAT 1412 , Calculus 1 () _____	4 Credits
MAT 1413 , Calculus 2 () _____	4 Credits
MAT 1510 , Multivariable Calculus () _____	4 Credits
MAT 2105 , Linear Algebra () _____	3 Credits
MAT 2461 , Probability Theory () _____	3 Credits
MAT 2462 or MAT 5266 , Mathematical Statistics () _____	3 Credits
MAT 2901 , Mathematics of Finance (or MAT 5640) () _____	3 Credits

ELECTIVES: (4 COURSES, 12 CREDITS):

Chosen from economics, business intelligence and marketing analytics or advanced mathematics. Recommended courses include ECO 1010, ECO 1101, ECO 1201, ECO 1421, ECO 1601, ACC 1001, ACC 1002, FIN 1001, IDS 2030, IDS 2550, IDS 3000, IDS 2160, IDS 2020

ELECT 1 () _____	3 Credits
ELECT 2 () _____	3 Credits
ELECT 3 () _____	3 Credits
ELECT 4 () _____	3 Credits

CORRELATES (2 COURSES, 6 CREDITS):

Chosen from economics or advanced mathematics, artificial intelligence, data analytics and visualization.

CORR 1 () _____	3 Credits
CORR 2 () _____	3 Credits

NOTE: Courses within any given major or minor require a grade of a "C-" or better to fulfill its requirement