



Yeshiva University
Stern College for Women
Academic Advisement



Mathematics

Total Credits: 42+

Department Chair: Professor Antonella Marini

marini@yu.edu

Find the Website [here](#)

Specialization in Pure and Applied Mathematics

7RWD0 & UHGLWV

REQUIRED COURSES FRXUVHV FUHGLWV

Course #	Course Name	Credits
0\$7+	Calculus I	
0\$7+	Calculus II	
MATH 1510	Multivariable Calculus	
0\$7+	\$GYDQFHG & DOF\$OXV	
0\$7+	/LQH DU \$OJHEUD	
0\$7+	Probability Theory	
0\$7+	2UGLQDU\ 'LIIHUHQWLDO (TXDWLRQs MAT 5201	

ELECTIVES /HYHO RU KLJKHU FRXUVHV FUHGLWV

Recommended courses include

- 0\$7+
- 0\$7+ RU 0\$7
- 0\$7+ RU 0\$7
- 0\$7+ RU 0\$7
- 0\$7+ RU 0\$7

CORRELATES FRXUVHV FUHGLWV

&KRVHQ IURP FRPSXWHU VFLHQFH RU JUDGXDWLFDWLF visualization

Specialization in Computational Science

7RWD0 & UHGLWV

REQUIRED COURSES FRXUVHV FUHGLWV

Course #	Course Name	Credits
0 \$7 +	Calculus I	
0 \$7 +	Calculus II	
MATH 1510	Multivariable Calculus	
0 \$7 +	/LQHDU \$OJHEUD	
0 \$7 +	Probability Theory	
0 \$7 +	Mathematical Statistics RU 0 \$7	
0 \$7 +	Numerical 0HWK RGV0 \$7	

ELECTIVES FRXUVHV FUHGLWV

&KRVHQ IURP FRPSXWHU VFLHQFH RU DGYDQFHG PDWKHPDWLFV

Recommended courses include

- &203
- &203
- &203
- &203
- &203
- &203

CORRELATES FRXUVHV FUHGLWV

&KRVHQ IURP FRPSXWHU VFLHQFH RU JUDGXDWH PDWKHPDWLF visualization

Specialization in Actuarial and Financial Mathematics

7RWD0 & UHGLWV

REQUIRED COURSES FRXUVHV FUHGLWV

Course #	Course Name	Credits
0\$7+	Calculus I	
0\$7+	Calculus II	
MATH 1510	Multivariable Calculus	
0\$7+	/LQH DU \$OJHEUD	
0\$7+	Probability Theory	
0\$7+	Mathematical Statistics RU 0\$7	
0\$7+	0DWKHPDWL FV RI)LQDQFH RU 0\$7	

ELECTIVES FRXUVHV FUHGLWV

&KRVHQ IURP HFRQRPLFV EXVLQHVV LQWHOOLJHQFH DQG PDUN

Recommended courses include

- (& 2 1 • FIN 1001
- (& 2 1 • , '6
- (& 2 1 • , '6
- (& 2 1 • , '6
- (& 2 1 • , '6
- ACC 1001 • , '6
- \$ & &

CORRELATES FRXUVHV FUHGLWV

&KRVHQ IURP FRPSXWHU VFLHQFH RU JUDGXDWH PDWKHPDWL F and visualization