



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

7R W D O & U H G L W V

REQUIRED COURSES FRXUVHV FUHGLWV

Course #	Course Name	Credits
0 \$7 +	Calculus I	
0 \$7 +	Calculus II	
MATH 1510	Multivariable Calculus	
0 \$7 +	\$ G Y D Q F H G & D O F S X V	
0 \$7 +	/ L Q H D U \$ O J H E U D	
0 \$7 +	Probability Theory	
0 \$7 +	2 U G L Q D U \ ' L I I H U H Q W L D O (T X D W L R Q s 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

& K R V H Q I U R P F R P S X W H U V F L H Q F H RU J U D G X D W H P D W K H P D W L F
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 0HWKRGV0 \$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+	0DWKHPDWLFV RI)LQDQFH RU 0\$7	

ELECTIVES FRXUVHV FUHGLWV &KRVHQ IURP HFRQRPLFV EXVLQHV LQWHOOLJHQFH DQG PDUN

Recommended courses include

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- ACC 1001 • , '6
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CORRELATES FRXUVHV FUHGLWV &KRVHQ IURP FRPSXWHU VFLHQFH RU JUDGXDWL PDWKHPDWLF and visualization