

HONORS IN ECONOMICS/MATHEMATICS

JOINT MAJOR CURRICULUM

18 COURSES ::: 72 CREDITS

<http://math.nyu.edu/degree/undergrad/>

Name: _____

N#: _____

Economics (9 Total) Must take Theory Sequence

	Semester	Grade	AP/Transfer
ECON-UA 1 – Introduction to Macroeconomics			
ECON-UA 2 – Introduction to Microeconomics			
ECON-UA 11 – Microeconomic Analysis			
ECON-UA 13 – Macroeconomic Analysis			
ECON-UA 20 – Analytical Statistics (<i>if not taking MATH-UA 234 - Mathematical Statistics</i>)			
ECON-UA 266 - Introduction to Econometrics			
Three economics electives, including two theory centered courses numbered 300 or higher, from list on Economics Department Website			

Math Courses (9 Total)

	Semester	Grade	AP/Transfer
MATH-UA 211 Math for Economics I or MATH-UA 121 Calculus I			
MATH-UA 212 Math for Economics II or MATH-UA 122 Calculus II			
MATH-UA 213 Math for Economics III or MATH-UA 123 Calculus III or MATH-UA 129 Honors Calculus III (<i>recommended</i>)			
MATH-UA 140 Linear Algebra or MATH-UA 148 Honors Linear Algebra (<i>recommended</i>)			
MATH-UA 328 Honors Analysis I			
Two of the following courses:			
- MATH-UA 238 Honors Theory of Probability			
- MATH-UA 268 Honors Ordinary Differential Equations			
- MATH-UA 329 Honors Analysis II			
- MATH-UA 348 Honors Algebra I			
- MATH-UA 349 Honors Algebra II			
- MATH-UA 393 Honors I			
- MATH-UA 394 Honors II			
- MATH-UA 397 Honors III			
- MATH-UA 398 Honors IV			
Two of the following courses:			
- MATH-UA 233 Theory of Probability or MATH-UA 238 Honors Theory of Probability**			
- MATH-UA 234 Mathematical Statistics			
- MATH-UA 235 Probability & Statistics*			
- MATH-UA 240 Combinatorics			
- MATH-UA 250 Mathematics of Finance			
- MATH-UA 251 Intro to Mathematical Modeling			
- MATH-UA 252 Numerical Analysis			
- MATH-UA 253 Linear and Nonlinear Optimization			
- MATH-UA 262 Ordinary Differential Equations or MATH-UA 268 Honors Ordinary Differential Equations**			
- MATH-UA 263 Partial Differential Equations			
- MATH-UA 264 Chaos & Dynamical Systems			
- MATH-UA 282 Functions of a Complex Variable			

Additionally, guided research must be sponsored by either department.

*If you take MATH-UA 235 you cannot also count MATH-UA 233 and/or MATH-UA 234 towards the major requirements.

**If not fulfilling two required Honors courses

Please declare your major by completing the major declaration form online: <http://math.nyu.edu/degree/undergrad/declaring.html>