

# Economics/MATHEMATICS JOINT MAJOR CURRICULUM (STARTING WITH THE 2014 COHORT)

18 COURSES ::: 72 CREDITS  
<http://math.nyu.edu/degree/undergrad/>

Name: \_\_\_\_\_

N#: \_\_\_\_\_

<b>Economics (9 Total) Must take Theory Sequence</b>	Semester	Grade	AP/Transfer
ECON-UA 1 – Economic Principles I			
ECON-UA 2 – Economic Principles II			
ECON-UA 11 – Microeconomic Theory			
ECON-UA 13 – Macroeconomic Theory			
ECON-UA 20 – Analytical Statistics <i>(if not taking MATH-UA 234 - Mathematical Statistics)</i>			
ECON-UA 266-Introduction to Econometrics			
<b>Two</b> electives numbered ECON-UA 3xx			
<b>One</b> elective ECON-UA 2xx			
*If not taking ECON-UA 20: take any one ECON-UA elective			

<b>Math Courses (9 Total)</b>	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			
MATH-UA 140 – Linear Algebra			
MATH-UA 325 – Analysis or MATH-UA 328 Honors Analysis I			
<b>Four</b> of the following courses:			
- MATH-UA 233 – Theory of Probability			
- MATH-UA 234 – Mathematical Statistics			
- MATH-UA 235 – Probability & Statistics			
- MATH-UA 240 – Combinatorics			
- MATH-UA 248 – Theory of Numbers			
- MATH-UA 250 – Mathematics of Finance			
- MATH-UA 251 – Mathematical Modeling			
- MATH-UA 252 – Numerical Analysis			
- MATH-UA 262 – Ordinary Differential Equations			
- MATH-UA 263 – Partial Differential Equations			
- MATH-UA 264 – Chaos & Dynamical Systems			
- MATH-UA 282 – Functions of a Complex Variable			
- MATH-UA 329 – Honors Analysis II			
- MATH-UA 343 – Algebra or MATH-UA 348 Honors Algebra I			

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