

ECONOMICS/MATHEMATICS

JOINT MAJOR CURRICULUM

(Starting with the 2014 Cohort)

18 COURSES :: 72 CREDITS

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

Name: _____

N#: _____

| <i>Economics (9 Total) Must take Theory Sequence</i> | Semester | Grade | AP/Transfer |
|---------------------------------------------------------------------------------------------------|----------|-------|-------------|
| ECON-UA 1 – Introduction to Macroeconomics | | | |
| ECON-UA 2 – Introduction to Microeconomics | | | |
| 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 | | | |
| Two electives numbered ECON-UA 3xx | | | |
| | | | |
| | | | |
| One elective ECON-UA 2xx | | | |
| *If not taking ECON-UA 20, take any one ECON-UA elective: | | | |

| <i>Math Courses (9 Total)</i> | 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 | | | |
| MATH-UA 140 – Linear Algebra or MATH-UA 148 Honors Linear Algebra | | | |
| MATH-UA 325 – Analysis or MATH-UA 328 Honors Analysis I | | | |
| Four 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 248 – Theory of Numbers | | | |
| - MATH-UA 250 – Mathematics of Finance | | | |
| - MATH-UA 251 – Mathematical Modeling | | | |
| - MATH-UA 252 – Numerical Analysis | | | |
| - MATH-UA 253 – Linear and Nonlinear Optimization | | | |
| - 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 | | | |
| - MATH-UA 349 – Honors Algebra II | | | |
| - MATH-UA 375 – Topology | | | |
| - MATH-UA 377 – Differential Geometry | | | |
| - MATH-UA 393, 394, 397, 398 – Honors I, Honors II, Honors III, Honors IV | | | |

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