HONORS IN ECONOMICS/MATHEMATICS
JOINT MAJOR CURRICULUM
18 COURSES :: 72 CREDITS
http://math.nyu.edu/degree/undergrad/

Name: 
N#:

<table>
<thead>
<tr>
<th>Economics (9 Total) Must take Theory Sequence</th>
<th>Semester</th>
<th>Grade</th>
<th>AP/Transfer</th>
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<tbody>
<tr>
<td>ECON-UA 1 – Introduction to Macroeconomics</td>
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<td>ECON-UA 2 – Introduction to Microeconomics</td>
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<td>ECON-UA 11 – Microeconomic Analysis</td>
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<td>ECON-UA 13 – Macroeconomic Analysis</td>
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<td>ECON-UA 20 – Analytical Statistics (if not taking MATH-UA 234 - Mathematical Statistics)</td>
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<td>ECON-UA 266 - Introduction to Econometrics</td>
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Three economics electives, including two theory centered courses numbered 300 or higher, from list on Economics Department Website

<table>
<thead>
<tr>
<th>Math Courses (9 Total)</th>
<th>Semester</th>
<th>Grade</th>
<th>AP/Transfer</th>
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<tr>
<td>MATH-UA 211 Math for Economics I or MATH-UA 121 Calculus I</td>
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<td>MATH-UA 212 Math for Economics II or MATH-UA 122 Calculus II</td>
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<td>MATH-UA 213 Math for Economics III or MATH-UA 123 Calculus III or MATH-UA 129 Honors Calculus III (recommended)</td>
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<td>MATH-UA 140 Linear Algebra or MATH-UA 148 Honors Linear Algebra (recommended)</td>
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<td>MATH-UA 328 Honors Analysis I</td>
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Two of the following courses:

- MATH-UA 238 Honors Theory of Probability
- 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 (if not fulfilling two required courses above)
- 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
- MATH-UA 263 Partial Differential Equations
- MATH-UA 264 Chaos & Dynamical Systems
- MATH-UA 282 Functions of a Complex Variable

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

**Additionally, students must satisfy their research requirement either through the Economic Honors Sequence (ECON-UA 410 and 450), Independent Study in Math (MATH-UA 997 and 998), or through the S.U.R.E. or A.M. – S.U.R.E. program.

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