INTERDISCIPLINARY MATH & ECONOMICS MAJOR

Requirements

Students enrolled in this program are required to take the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1100</td>
<td>Basic Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1200</td>
<td>Basic Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 3116</td>
<td>Macroeconomic Analysis</td>
<td>4</td>
</tr>
<tr>
<td>ECON 3118</td>
<td>Microeconomic Theory</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1207</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1700</td>
<td>Mathematical Modelling</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2004</td>
<td>Multivariable Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2001</td>
<td>Discrete Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2006</td>
<td>Linear Algebra I</td>
<td>4</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3006 &amp; MATH 3007</td>
<td>Probability and Statistics</td>
<td></td>
</tr>
<tr>
<td>ECON 2140 &amp; ECON 2142</td>
<td>Statistics I and Statistical Decision Making</td>
<td></td>
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</tbody>
</table>

Electives

Select four electives in mathematics or economics

Any course with the MATH subject code (numbered 2000 or higher) or the ECON subject code may fulfill this requirement. Of these four courses, at least one course must be in mathematics and one must be in economics.

Required courses and sufficient electives to fulfill the major are available on both campuses.

Availability

The major in interdisciplinary math & economics is available at Fordham College at Rose Hill and Fordham College at Lincoln Center. Students in Fordham’s School of Professional and Continuing Studies may major in interdisciplinary math & economics only if they receive the approval of their advising dean and/or department, and their schedules are sufficiently flexible to permit them to take day courses at the Rose Hill or Lincoln Center campuses.

**Fordham College at Rose Hill students:** The requirements above are in addition to those of the Core Curriculum.

**Fordham College at Lincoln Center students:** The requirements above are in addition to those of the Core Curriculum.

**Professional and Continuing Studies students:** The requirements above are in addition to those of the PCS Core Curriculum and any additional electives that may be required to earn a minimum of 124 credits.

Updated: 11-11-2021