ECONOMICS MINOR

The minor offers training in economic theory through the intermediate level, instruction in quantitative methods of econometrics, and opportunity for advanced work in students’ areas of interest. The introductory and intermediate courses are the same as those in the major, except that only 2 of the intermediate theory courses are required (ECON 310-1 Microeconomics and either ECON 310-2 Microeconomics or ECON 311-0 Macroeconomics). As in the major, MATH 220-1 Single-Variable Differential Calculus and STAT 210-0 Introductory Statistics for the Social Sciences must be taken early in the program because they are prerequisites for required courses. Students wishing to pursue in-depth study of econometrics may take advanced econometrics ECON 381-1 and ECON 381-2 without taking introductory econometrics ECON 281-0 first. For students who complete ECON 381-1, ECON 281-0 will be waived.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Minor Requirements (8 units)</td>
<td></td>
</tr>
<tr>
<td>3 introductory courses:</td>
<td></td>
</tr>
<tr>
<td>ECON 201-0</td>
<td>Introduction to Macroeconomics</td>
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<tr>
<td>ECON 202-0</td>
<td>Introduction to Microeconomics</td>
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<tr>
<td>ECON 281-0</td>
<td>Introduction to Applied Econometrics</td>
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<tr>
<td>2 intermediate theory courses:</td>
<td></td>
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<tr>
<td>ECON 310-1</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>ECON 310-2</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>or ECON 311-0</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>3 additional field courses at the 300 level</td>
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</tbody>
</table>

Economics Minor for Industrial Engineering

Students completing the Industrial Engineering Degree (https://catalogs.northwestern.edu/undergraduate/engineering-applied-science/industrial-engineering-management-sciences/industrial-engineering-degree) may double-count one industrial engineering course with the minor in economics as described below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substitute for introductory course ECON 281-0:</td>
<td></td>
</tr>
<tr>
<td>IEMS 304-0</td>
<td>Statistical Learning for Data Analysis</td>
</tr>
<tr>
<td>OR</td>
<td></td>
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<tr>
<td>Count as one of the three 300-level field courses:</td>
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<tr>
<td>IEMS 373-0</td>
<td>Intro to Financial Engineering</td>
</tr>
</tbody>
</table>