The minor in IE will provide an integrated breadth of industrial engineering tailored to students’ specific interests and career goals. The program requires students to complete a minimum of eighteen credits in course work, including the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE 2100</td>
<td>Basic Engineering III: Probability and Statistics in Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two IE core courses from the following list: 6

- IE 3120 Work Design
- IE 4250 Data Science and Analysis
- IE 4260 Principles of Quality Control
- IE 4310 Production Control
- IE 4330 Facilities Design
- IE 4420 Systems Simulation
- IE 4560 Operations Research
- IE 4850 Engineering Economy
- IE 6210 Applied Engineering Statistics
- IE 6560 Deterministic Optimization
- IE 6611 Fundamentals of Six Sigma
- IE 6840 Project Management
- DSA 6100 Statistical Learning for Data Science and Analytics
- DSA 6200 Operations Research

Select 3 additional IE courses numbered 3000 or above. 9

Total Credits 18

All course work must be completed in accordance with the academic procedures of the University (https://bulletins.wayne.edu/undergraduate/general-information/) and the College of Engineering (https://bulletins.wayne.edu/undergraduate/college-engineering/academic-regulations/) governing undergraduate scholarship and degrees.