Industrial Engineering and Management

Department Information

- Department Web Site:
  www.ndsu.edu/ime/ (http://www.ndsu.edu/ime/)
- Credential Offered:
  B.S.I.E.Mgt.; Minor
- Sample Program Guide:
  catalog.ndsu.edu/programs-study/undergraduate/industrial-engineering-management/#planofstudytext (http://catalog.ndsu.edu/programs-study/undergraduate/industrial-engineering-management/#planofstudytext)

Minor Requirements

Minor: Industrial Engineering & Management

Required Credits: 18

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IME 111</td>
<td>Introduction to Industrial and Manufacturing Engineering</td>
<td>3</td>
</tr>
<tr>
<td>IME 311</td>
<td>Work/Station Design and Measurement</td>
<td>3</td>
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Electives: Select 12 credits from the following: 12

IME 450  Systems Engineering and Management
IME 451  Logistics Engineering and Management
IME 453  Hospital Management Engineering
IME 456  Program and Project Management
IME 461  Quality Assurance and Control
IME 462  Total Quality In Industrial Management
IME 463  Reliability Engineering
IME 465  Introduction to Machine Learning
IME 470  Operations Research I
IME 472  Simulation of Business and Industrial Systems
IME 480  Production and Inventory Control
IME 482  Automated Manufacturing Systems
IME 485  Industrial and Manufacturing Facility Design

Total Credits 18

Minor Requirements and Notes

- A minimum of 9 credits must be taken at NDSU.
- 9 of the 18 credits for this minor must be unique and cannot count toward requirements in the student’s engineering major.
- Only students majoring in an engineering discipline or with department permission agricultural or physical science majors may elect a minor in Industrial Engineering & Management.