Industrial Engineering and Management

Department Information

- **Department Location:**
  Civil & Industrial Engineering
- **Department Phone:**
  701-231-9818
- **Department Web Site:**
  www.ndsu.edu/ime/ (http://www.ndsu.edu/ime/)
- **Credential Offered:**
  B.S.I.E.Mgt.
- **Plan Of Study Sample:**
  bulletin.ndsu.edu/programs-study/undergraduate/industrial-engineering-management/#planofstudytext (http://bulletin.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:**

- 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.