

# Industrial Engineering and Management

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## Department Information

- **Department Location:**  
106 Engineering Building
- **Department Phone:**  
701-231-9818
- **Department Web Site:**  
[www.ndsu.edu/ime/](http://www.ndsu.edu/ime/) (<http://www.ndsu.edu/ime/>)
- **Credential Offered:**  
B.S.I.E.Mgt.
- **Sample Program Guide:**  
[catalog.ndsu.edu/programs-study/undergraduate/industrial-engineering-management/#planofstudytext](http://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

Code	Title	Credits
<b>Required Courses</b>		
IME 111	Introduction to Industrial and Manufacturing Engineering	3
IME 311	Work/Station Design and Measurement	3
<b>Electives: Select 12 credits from the following:</b>		<b>12</b>
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	
<b>Total Credits</b>		<b>18</b>

### 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.