

Reliability Engineering

Department Information

- **Department Web Site:**
www.ndsu.edu/ime/ (<http://www.ndsu.edu/ime/>)
- **Credential Offered:**
Minor
- **Program Overview:**
catalog.ndsu.edu/programs-study/undergraduate/reliability-engineering/ (<http://catalog.ndsu.edu/programs-study/undergraduate/reliability-engineering/>)

Minor Requirements

Minor: Reliability Engineering

Required Credits: 18

Code	Title	Credits
Core Requirements		
IME 460	Evaluation of Engineering Data	3
IME 463	Reliability Engineering	3
IME 464	Reliability Analysis	3
Elective Credits: Select 9 credits from the following:		9
IME 450	Systems Engineering and Management	
IME 461	Quality Assurance and Control	
IME 465	Introduction to Machine Learning	
ME 332	Engineering Materials II	
ME 442	Machine Design I	
ME 472	Fatigue and Fracture of Metals	
ECE 341	Random Processes	
ECE 427	Packaging for Electronics	
or IME 427	Packaging for Electronics	
ECE 443	Communications I	
ECE 444	Applied Digital Signal Processing	
STAT 330	Introductory Statistics	
STAT 461	Applied Regression Models	
STAT 462	Introduction to Experimental Design	

Total Credits

18

MINOR NOTE:

- This minor is only available to students pursuing an engineering major.
- 12 of the 18 credits for this minor must be unique and cannot count toward requirements in the student's engineering major.