

# INDUSTRIAL ENGINEERING MINOR

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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:

Code	Title	Credits
BE 2100	Basic Engineering III: Probability and Statistics in Engineering	3
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
<b>Total Credits</b>		<b>18</b>

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.