Industrial Engineering, Minor

This minor provides an opportunity for students to explore core aspects of industrial engineering, including mathematical foundations, along with a technical focus into one of the many industrial engineering subdisciplines. This minor is not open to students majoring in Industrial Engineering.

Minor Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

Required Courses

Code	Title	Hours
IE 2310 and IE 2311	Introduction to Industrial Engineering and Recitation for IE 2310	4
IE 3412	Engineering Probability and Statistics (or equivalent)	4
IE 4515	Operations Research	4

Technical Elective

Consult mechanical and industrial engineering academic advisor for additional electives.

Code	Title	Hours
Complete one of the following:		4-5
IE 3425 and IE 3426	Engineering Database Systems and Recitation for IE 3425	
IE 4510	Simulation Modeling and Analysis	
IE 4512	Engineering Economy	
IE 4516	Quality Assurance	
IE 4520	Stochastic Modeling	
IE 4522 and IE 4523	Human-Machine Systems and Lab for IE 4522	
IE 4525	Logistics and Supply Chain Management	
IE 4530 and IE 4531	Manufacturing Systems and Techniques and Lab for IE 4530	

GPA Requirement

2.000 GPA required in the minor