

WPI Business School
Industrial Engineering Minor

Program Planning and Completion Form

*The Industrial Engineering minor is available to students in any major at WPI
except for those majoring in Industrial Engineering.*

Student Name: _____ Student ID #: _____ Major: _____

Email Address: _____ Academic Advisor: _____ Class Year: _____

The Industrial Engineering Minor in the WPI Business School offers students an easy link between the curricula in engineering and business. The fundamental skills and knowledge of IE can be utilized in many areas, supplementing a student's core competency in his/her chosen major discipline. The minor requires the completion of **two units of coursework (six courses)** as noted below.

Program Requirements

1. IE Tools. Select at least two (2):

***OIE 2081** Introduction to Prescriptive Analytics

OIE 2850 Engineering Economics

OIE 3460 Simulation Modeling and Analysis

OIE 3510 Stochastic Models

OIE 3600 Scripting for Process & Productivity
Improvement

****OIE 4430** Advanced Prescriptive Analytics: From Data
to Impact

*(BUS 2080 or MA 2210 accepted in place of OIE 2081 if
taken prior to AY21)

**(OIE 4420 accepted in place of OIE 4430 if taken prior to
AY22)

2. IE Knowledge. Select at least two (2):

BUS 3020 Achieving Effective Operations

OIE 3405 Work Systems and Facilities Planning

OIE 3410 Materials Management in Supply Chains

OIE 3420 Quality Planning, Design, and Control

OIE 4410 Case Studies in Industrial Engineering

OIE 4460 Global Planning and Logistics

Course

Term

Grade

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Certification of Completion of Minor Requirements. Upon completion of the minor program, submit this form electronically to business-prog-office@wpi.edu.

Chair, Undergraduate Policy and Curriculum Committee
WPI Business School

Date