Industrial and systems engineering is an engineering discipline focusing on the design, analysis, improvement and implementation of complex systems that include humans, materials, equipment and other resources. The learning outcome of the doctoral minor is to gain general proficiency and distinctive attainment in one or more concentration areas in industrial and systems engineering, including: decision science and operations research, manufacturing production systems, health systems engineering, and human factors and ergonomics.

**ADMISSIONS**

For admissions, please contact the I Sy E coordinator in the Academic Affairs Cluster (https://www.engr.wisc.edu/academics/student-services/academic-advising/graduate-engineering-students/).

**REQUIREMENTS**

A Ph.D. candidate from another department taking an Option A doctoral minor in industrial engineering must complete a minimum of 9 credits of I SY E (http://guide.wisc.edu/courses/i_sy_e/) courses numbered 300 or above. A minimum GPA of 3.20 is required for this set of courses. A course with a grade of C or lower cannot be used to satisfy the minor requirement. Students may transfer up to 3 credits from another university to satisfy the minor requirement, subject to the approval of the Academic Affairs Cluster.

**PEOPLE**

**PROFESSORS**

Laura Albert (Chair)
Oguzhan Alagoz
John D. Lee
Jingshan Li
Jeffrey Linderoth
James Luedtke
Robert Radwin
Leyuan Shi
Raj Veeramani
Shiyu Zhou

**ASSOCIATE PROFESSORS**

Alberto Del Pia
Kaibo Liu
Douglas A. Wiegmann

**ASSISTANT PROFESSORS**

Justin J. Boutilier
Carla Michini
Yonatan Mintz
Xin Wang
Nicole Werner
Gabriel Zayas-Caban

**FACULTY ASSOCIATES**

Amanda G. Smith
Sinan Tas
Charlene Yauch

**LECTURERS**

Terry Mann
Hannah Silber
Tina Xu

**UNDERGRADUATE ADVISORS**

Stacy Harnett
Francisca Jofre
Maria Zarzalejo Camejo

**GRADUATE PROGRAM COORDINATOR**

Pam Peterson

See also Industrial and Systems Engineering Faculty Directory (http://directory.engr.wisc.edu/ie/faculty/).