INDUSTRIAL ENGINEERING, DOCTORAL MINOR

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

Faculty Directory (https://directory.engr.wisc.edu/display.php?faculty?page=ie&/#38;search=faculty)

PROFESSORS

- Carla Michini (https://directory.engr.wisc.edu/ie/Faculty/Michini_Carla/)
- Yoanot Mintz
- Robert Radwin (https://directory.engr.wisc.edu/ie/Faculty/Radwin_Robert/)
- Leyuan Shi (https://directory.engr.wisc.edu/ie/Faculty/Shi_Leyuan/)
- Raj Veeramani (https://directory.engr.wisc.edu/ie/Faculty/Veeramani_Raj/)
- Xin Wang (https://directory.engr.wisc.edu/ie/Faculty/Wang_Xin/)
- Nicole Werner (https://directory.engr.wisc.edu/ie/Faculty/Werner_Nicole/)
- Doug Wiegmann (https://directory.engr.wisc.edu/ie/Faculty/Wiegmann_Douglas/)
- Gabriel Zayas-Caban (https://directory.engr.wisc.edu/ie/Faculty/Zayas-caban_Gabriel/)
- Shiyu Zhou (https://directory.engr.wisc.edu/ie/Faculty/Zhou_Shiyu/)

AFFILIATE FACULTY

- Barbara Bowers (https://directory.engr.wisc.edu/ie/Faculty/Bowers_Barbara/)
- Elizabeth S. Burnside (https://directory.engr.wisc.edu/ie/Faculty/Burnside_Elizabeth/)
- Molly Barnes (https://directory.engr.wisc.edu/ie/Faculty/Barnes_Molly/)
- Peter Chien (https://directory.engr.wisc.edu/ie/Faculty/Chien_Peter/)
- Gregory DeCroix (https://directory.engr.wisc.edu/ie/Faculty/Decroix_Gregory/)
- Michael Ferris (https://directory.engr.wisc.edu/ie/Faculty/Ferris_Michael/)
- Caprice Greenberg (https://directory.engr.wisc.edu/ie/Faculty/Greenberg_Caprice/)
- Po-ling Loh (https://directory.engr.wisc.edu/ece/Faculty/Loh_Poling/)
- Eneida Mendonca (https://directory.engr.wisc.edu/ie/Faculty/Mendonca_Eneida/)
- Bilge Mutlu (https://directory.engr.wisc.edu/ie/Faculty/Mutlu_Bilge/)
- David Noyce (https://directory.engr.wisc.edu/ee/Faculty/Noyce_David/)
- Kevin Ponto (https://directory.engr.wisc.edu/ie/Faculty/Ponto_KEvin/)
- Carla Pugh (https://directory.engr.wisc.edu/ie/Faculty/Pugh_Carla/)
- Andrew Quanbeck (https://directory.engr.wisc.edu/ie/Faculty/Quanbeck_Andrew/)
- Thomas Rutherford (https://directory.engr.wisc.edu/ie/Faculty/Rutherford_Thomas/)
- Nasia Safdar (https://directory.engr.wisc.edu/ie/Faculty/Safdar_Nasia/)
- Mary Elizabeth Sesto (https://directory.engr.wisc.edu/bme/Faculty/Sesto_Mary/)
- Dhavan V. Shah (https://directory.engr.wisc.edu/ie/Faculty/Shah_Dhavan/)
- Maureen A. Smith (https://directory.engr.wisc.edu/ie/Faculty/Smith.Maureen/)
- Linsey Steege (https://directory.engr.wisc.edu/ie/Faculty/Steege_Linsey/)

- Oguzhan Alagoz (https://directory.engr.wisc.edu/ie/Faculty/Alagoz_Oguzhan/)
- Laura Albert (https://directory.engr.wisc.edu/ie/Faculty/Albert-Laura/)
- Vicki Bier (https://directory.engr.wisc.edu/ie/Faculty/Bier_Vicki/)
- Justin Boutilier (https://directory.engr.wisc.edu/ie/Faculty/Boutilier_Justin/)
- Pascale Carayon (https://directory.engr.wisc.edu/ie/Faculty/Carayon_Pascale/)
- Alberto Del Pia (https://directory.engr.wisc.edu/ie/Faculty/Delpia_Alberto/)
- John Lee (https://directory.engr.wisc.edu/ie/Faculty/Lee_John/)
- Jingshan Li (https://directory.engr.wisc.edu/ie/Faculty/Li_Jingshan/)
- Jeff Luedtke (https://directory.engr.wisc.edu/ie/Faculty/Luedtke_Jeffrey) (Department Chair)
- Kaibo Liu (https://directory.engr.wisc.edu/ie/Faculty/Liu_Kaibo/)
- Jim Luedtke (https://directory.engr.wisc.edu/ie/Faculty/Luedtke_James/)
Industrial Engineering, Doctoral Minor

- Bruce R. Thomadsen (https://directory.engr.wisc.edu/bme/Faculty/Thomadsen_Bruce/)
- David J. Vanness (https://directory.engr.wisc.edu/ie/Faculty/Vanness_David/)
- Rebecca Willett (https://directory.engr.wisc.edu/ece/Faculty/Willett_Rebecca/)
- Stephen J. Wright (https://directory.engr.wisc.edu/ie/Faculty/Wright_Stephen/)
- Victor Zavala (https://directory.engr.wisc.edu/che/Faculty/Zavala_Victor/)

EMERITUS PROFESSORS

- John G. Bollinger (https://directory.engr.wisc.edu/ie/Faculty/Bollinger_John/)
- Patricia Brennan (https://directory.engr.wisc.edu/ie/Faculty/Brennan_Patricia/)
- Dennis G. Fryback (https://directory.engr.wisc.edu/ie/Faculty/Fryback_Dennis/)
- David Gustafson (https://directory.engr.wisc.edu/ie/Faculty/Gustafson_David/)
- William G. Reddan (https://directory.engr.wisc.edu/ie/Faculty/Reddan_William/)
- Stephen M. Robinson (https://directory.engr.wisc.edu/ie/Faculty/Robinson_Stephen/)
- Jerry L. Sanders (https://directory.engr.wisc.edu/ie/Faculty/Sanders_Jerry/)
- Michael J. Smith (https://directory.engr.wisc.edu/ie/Faculty/Smith_Michael/)
- Harold J. Steudel (https://directory.engr.wisc.edu/ie/Faculty/Steudel_Harold/)
- Rajan Suri (https://directory.engr.wisc.edu/ie/Faculty/Suri_Rajan/)
- Arne Thesen (https://directory.engr.wisc.edu/ie/Faculty/Thesen_Arne/)
- Gregg Vanderheiden (https://directory.engr.wisc.edu/ie/Faculty/Vanderheiden_Gregg/)
- David R. Zimmerman (https://directory.engr.wisc.edu/ie/Faculty/Zimmerman_David/)