Our industrial engineering graduate program consists of more than 200 students, visiting scholars, and scientists that have access to world-class facilities. The Leonhard Building, home to Penn State industrial engineering, contains more than 25,000 square feet of laboratory space, including a 10,000 square-foot integrated high-bay manufacturing facility and a new state-of-the-art global telecommunications laboratory. In addition to our facilities, our graduate students have access to a renowned group of diverse faculty that focuses on addressing today’s most pressing issues through innovative research and collaborative study.

FOR MORE INFORMATION:
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Research Areas
- Human Factors and Ergonomics
- Manufacturing
- Operations Research
- Production, Supply Chain, and Service Engineering

Research Labs
- Additive Manufacturing & Reverse Engineering Lab
- Benjamin W. Niebel Work Design Lab
- Bridging Research in Innovation, Technology, and Engineering Lab
- Complex Systems Monitoring, Modeling, and Controls Lab
- Design Analysis Technology Advancement Lab
- Distributed Intelligent Systems and Controls: Research, Education, and Technology Lab
- Engineering Statistics and Machine Learning Lab
- Human Analytics Lab
- Human Performance Assessment and Modeling Lab
- Human Subjects Testing Lab
- Laboratory for Intelligent Systems and Analytics
- Laboratory for Quality Engineering and Systems Transitions
- Precision and Quality Measurements Lab
- Process Mechanics/Workholding Research Lab
- Service Engineering & Applied Optimization Lab
- Smart Design and Manufacturing Systems Lab

Degrees Offered

MASTER OF SCIENCE (M.S.)
- Industrial Engineering: One-year non-thesis track, Traditional thesis track
  (Options available: Human Factors/Ergonomics Engineering, Manufacturing Engineering, Quality Engineering)
- Dual Degree in Industrial Engineering and Operations Research

DOCTOR OF PHILOSOPHY (PH.D.)
- Industrial Engineering
  (Focus areas available: Human Factors/Ergonomics Area, Manufacturing Area, Operations Research Area, Production, Logistics, and Service Systems Area)
- Dual Degree in Industrial Engineering and Operations Research
- Industrial Engineering with a Minor in Operations Research

Graduate Degrees Awarded (2014-15)

18 Ph.D.
63 Master’s
81 IME Total

Graduate Enrollment (2015)

94 Doctorate
104 Master’s

198 IME Total

Penn State College of Engineering
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