Department of Industrial and Systems Engineering

Head: L. Ntaimo

Graduate Advisor: J. Geunes

The department offers Master of Science (MS), Master of Engineering (MEng) and Doctor of Philosophy (PhD) degrees in industrial engineering and a Master of Science (MS) in Engineering Management. Facilities for study and research are excellent, and participation in research is an integral part of the PhD program.

Departmental faculty working in diverse areas of industrial engineering provide students with a wide range of opportunities to gain valuable research experience. Faculty members are presently involved in research in applied statistical analysis, mathematical optimization, stochastic processes, production and inventory control, manufacturing processes and system organization, networks, systems simulation, manufacturing system analysis, quality and reliability engineering, human factors and cognitive ergonomics, transportation systems and logistics.

There is no foreign language requirement for the PhD in industrial engineering. Students in the industrial engineering PhD program are required to pass a departmental qualifying exam within three semesters of starting the program, and all students are required to maintain a GPA of 3.00 in order to remain in good academic standing and graduate. PhD students must also have a 3.0 GPA in order to meet the Preliminary Exam and the Final Exam requirements toward their degree.

Faculty

Aprahamian, Hrayer, Assistant Professor
Industrial & Systems Eng
PHD, Virginia Tech, 2018

Banerjee, Amarnath P, Professor
Industrial & Systems Eng
PHD, University of Illinois at Chicago, 1999

Benden, Mark E, Professor
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PHD, Texas A&M University, 2006

Bennett Jr, George K, Senior Professor
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PHD, Texas Tech University, 1970

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PHD, Pennsylvania State University, 1997

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PHD, University of Michigan, 2001

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Kum, Hye Chung, Professor
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Kumar, Panganamala R, University Distinguished Professor and Regents Professor
Industrial & Systems Eng
PHD, Washington University in St. Louis, 1977

Lawley, Mark A, Professor
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PHD, University of Illinois at Urbana-Champaign, 1995

Leon, Victor J, Professor
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PHD, Lehigh University, 1991

Malave, Ceasar, Professor
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PHD, University of South Florida, 1987

Mayer, Richard John, Adjunct Professor
Industrial & Systems Eng
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McDonald, Anthony D, Assistant Professor
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PHD, University of Wisconsin, Madison, 2014

Mehta, Ranjana K, Associate Professor
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PHD, Columbia University, 2003

Moreno Centeno, Erick, Associate Professor
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PHD, University of California at Berkeley, 2010

Ntiamo, Lewis, Professor
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Pei, Zhijian, Professor
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PHD, University of Illinois, 1995

Peres, S Camille, Associate Professor
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PHD, Rice University, 2005

Pickens, Adam W, Instructional Associate Professor
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PHD, Texas Tech University, 2008

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PHD, University of Pennsylvania, 2015

Smith, Donald R, Senior Associate Professor
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PHD, University of Arkansas, 1973

Tuo, Rui, Assistant Professor
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PHD, Chinese Academy of Sciences, 2013

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Wang, Shiren, Associate Professor
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DEN, Northwestern University, 1991

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PHD, North Carolina State University, 2017

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Zhang, Xudong, Professor
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PHD, University of Michigan Ann Arbor, 1997

Zou, Na, Assistant Professor
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PHD, Arizona State University, 2015

Masters

- Master of Engineering in Industrial Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/meng/)
- Master of Engineering in Systems Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/systems-engineering-meng/)
- Master of Science in Engineering Management (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/engineering-systems-management-ms/)
- Master of Science in Industrial Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/ms/)

Doctoral

- Doctor of Philosophy in Industrial Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/phd/)

Certificates

- Industrial Data Analytics Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/industrial-systems/industrial-data-analytics-certificate/)