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.

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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/)