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M.S. Operations Research
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Application Requirements
imse@ksu.edu | 785-532-5606

- Degree in engineering, mathematics, statistics, or
  business with a strong background in applied
  mathematics.

- A calculus-based probability/statistics course, an
  introductory operations research course (available
  as part of the program curriculum), and some
  knowledge of computer programming.

- Undergraduate GPA of 3.0 or above for last 60 hours
  of courses taken.

- The Graduate Record Exam (GRE) is required. Exam
  waived for MEM applicants who graduated from an
  ABET-accredited engineering program.

- International students are required to meet the
  English language proficiency requirements via the
  TOEFL or IELTS exam.

- International Student Application Deadlines:
  December 1 (Fall Semester)
  August 1 (Spring Semester)

Lt. Gen. Robert Caslen,’89 M.S. IE
Superintendent of the U.S. Military Academy at West Point
"The K-State IE operations research and systems analysis program
brought me to levels intellectually that I never thought possible."

Anita Ranhotra,’94 B.S. IE, ’01 MEM
Product Integrity Process Improvement Manager,
Hallmark Cards
"I wanted a degree that would set me apart. Years later, my
professional accomplishments have far exceeded
my wildest expectations."

Industrial and Manufacturing Systems Engineering
Kansas State University
2037 Durland Hall, Manhattan, KS 66506
imse.ksu.edu

Disability Support Services
A student with a disability who wishes to request accommodations for a credit course
should contact the Student Access Center (ks-state.edu/accesscenter/; 785-532-6441, or
e-mail accesscenter@ks-state.edu) and their course instructor. Early notification is requested
to ensure that accommodations can be provided in a timely manner.

Notice of Nondiscrimination
Kansas State University is committed to nondiscrimination in admissions, programs and
employment. Inquiries and complaints: Contact Director of Institutional Equity, Kansas State
University, 103 Edwards Hall, Manhattan, KS 66506-4801, (Phone) 785-532-6220;
(TTY) 785-4807.

Industrial and Manufacturing Systems Engineering
Kansas State University
2037 Durland Hall, Manhattan, KS 66506
Program Overview

M.S./Ph.D. Industrial Engineering
Engages students in the mathematical, scientific and analysis skills to solve complex engineering business problems in manufacturing, health care, transportation, financial organizations, communications, government, military and many other industries.

M.S. Operations Research
Focuses on the application of mathematical models to analyze complex problems and develop optimal solutions.

M. Engineering Management (Online Only)
Geared toward management of engineering or highly technical organizations. Designed for working professionals.

Points of Pride

• Graduate classes typically enroll 20 or fewer students each.
• Graduate students are individually mentored by faculty and work directly with them to conduct their research projects.
• Our graduates are heavily recruited by companies like ExxonMobil, Deloitte and Lockheed Martin.
• Ph.D. graduates have held, or currently hold, academic positions at West Point, Georgia Tech, Texas Tech, Nan Kai Institute of Technology, Chungsham Institute of Science and Technology, and City University of Hong Kong.

Graduate Research

We recruit the best and brightest graduate students to join our research teams. Interested students are highly encouraged to contact us to learn about the exciting opportunities that K-State IMSE has to offer.

Funded research and teaching assistantships available for qualified Ph.D. students. Contact us to learn more.

Priority Deadline: Dec. 15

Research Spotlights
imse.ksu.edu/research

About Manhattan and Campus

Kansas State University is recognized by the Princeton Review as one of America’s best colleges, and U.S. News & World Reports lists the university among the top 50 public universities in the U.S.

Located in one of the top-ranked college towns, students never become bored in Manhattan, Kansas. In the “Little Apple” you will find a variety of live music, dining options and outdoor adventures.

Home of the Wildcats, K-State is part of NCAA Division 1 athletics. With fourteen different sport teams to choose from, there’s always an opportunity to show your purple pride.

Nibal Albashabsheh
Ph.D. Industrial Engineering

“My dream came true when I was accepted by K-State to complete my Ph.D. in Industrial Engineering. Originally from Jordan, I arrived here in 2012. Since then, I have been working with my major professor on an operations research project that uses mathematical programming and modeling to improve the logistics for biofuel transportation. Although I am challenged daily, I strive to succeed knowing that my research will offer a solution to a real-world problem.”