PhD in Industrial Engineering

Admission Contact Information
Luis G. Occeña, Interim Director of Graduate Studies
E3437 Thomas and Nell Lafferre Hall
Columbia, MO 65211
(573) 882-2691

About the Doctoral Degree
Programs are individually tailored to meet students’ objectives and to culminate in an original research dissertation. The PhD builds upon the graduate MS and fundamental BS programmatic areas. The three current focus areas are Operations Research and Statistics, Manufacturing/Production/Service Systems and Human/Enterprise Systems. Other focus areas are in development. Fundamental IE knowledge in each is expected. The basic goals of the PhD program are to provide students with a solid understanding of the theoretical bases for the latest tools and techniques of systems analysis and design, an extensive experience in applying these analyses and design tools and techniques, and research experience in the development of new tools or applications of existing techniques to design or analyze problems.

Application Deadlines
Applications accepted throughout the year.
Fall application deadlines: March 1 (Priority deadline: January 1)
Spring application deadline: September 15

Minimum Criteria to be Considered for Admission
- Minimum GPA: 3.5/4.0
- Demonstrated research experience
- Compatible research interests or capabilities with a member of the faculty
- Minimum OVERALL IELTS scores: 6.5; or Minimum TOEFL scores:
  - Internet-based test (iBT) 80
  - Paper-based test (PBT) 550
- Minimum GRE scores
  - When did you take the GRE?
    - Prior to August 1, 2011
      - Verbal 350
      - Quantitative 700
    - On or After August 1, 2011
      - Verbal 143
      - Quantitative 155

Note: Only highly qualified students are accepted for advisement in the PhD program. The faculty looks for excellence in undergraduate and graduate work, high GRE scores, thesis training, and strong indications of research potential.

Notification
This department does not use “rolling admission.” Applicants will be notified within a month after the application deadline.

Required Application Materials
To the Office of Graduate Studies (https://applygrad.missouri.edu/apply):

- All required Graduate Studies documents
- 3 letters of recommendation
- Writing sample demonstrating research experience
- Statement of Purpose
- Curriculum Vitae (CV)
- GRE scores

TA/RA Hiring
This academic department does not have any function of financial aid. Rather, IMSE hires TA/RA automatically based on the department needs. No separate application or contacts are necessary; all top ranked applicants will be considered.

Degree Completion Requirements
The granting of a PhD requires completion of five major requirements:
1. A qualifying examination (D1 form).
2. A course of study (Study Plan, D2 form).
3. Comprehensive examination, and
4. Acceptance of dissertation proposal (D3 form)
5. Final defense and submission of completed dissertation (D4 form).