

PhD in Management Information Systems

Admission Requirements

Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** No restrictions. Prior academic work should include mathematics/statistics, computing/analysis, and business.
- **Grade Point Average** At least 2.75/4.00 for the final 60 semester (90 quarter) hours of undergraduate study.
- **Tests Required** GMAT or GRE. The score must be from a test administered within five years from the requested date of entry. The writing assessment is required.
- **Minimum English Competency Test Score**
 - **TOEFL** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), **OR**,
 - **IELTS** 6.5, with subscores of 6.0 for all four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required from persons familiar with the intellectual skills, perseverance, and integrity of the applicant. At least one recommendation should be from an academic familiar with the applicant's work.
- **Personal Statement** Required; 500 words; the statement should address the applicant's interests and qualifications, including research interests and the impact this work is expected to have on the applicant's career. A specific statement format is available in the application packet.
- **Writing Sample** It is strongly recommended that applicants submit a sample of no more than 40 pages appropriate to their proposed area of study. A sample may consist of a prior research publication, a paper submitted to a graduate level course, or another example of scholarly level writing demonstrating their ability to think and write critically.
- **Other Requirements** All applicants must have had mathematics through the level of calculus covering integration and differentiation, and statistics through regression. Students are admitted only in the fall semester. No part-time program is available.
- **Deadlines** [Application deadlines](#) for this program are listed on the Graduate College website.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 96 from the baccalaureate, 64 from MBA, MS in MIS, MSA, or a business-related master's degree; including between 24 and 32 hours of dissertation research.
- **Course Work**

Code	Title	Hours
------	-------	-------

Breadth Requirement

Two introductory courses in any two functional areas of business. For example:

IDS 532	Introduction to Operations Management	
ACTG 500	Introduction to Financial Accounting	
ECON 520	Microeconomics for Business Decisions	
FIN 500	Introduction to Corporate Finance	
MKTG 500	Introduction to Marketing	
MGMT 541	Organizational Behavior	

These courses will not count toward the 64-semester-hour requirement for entrants with a master's degree.

Technical Requirement

IDS 401	Business Object Programming using Java	
IDS 405	Business Systems Analysis and Design	
IDS 410	Business Database Technology	

Each course may be waived based on equivalent prior course work or appropriate work experience in the technical area.

These courses will not count towards the 64-semester-hour requirement for entrants with a master's degree.

Basic Competency

IDS 517	Enterprise Application Development	
IDS 520	Enterprise Information Infrastructure Planning & Security	
IDS 521	Advanced Database Management	

Each course may be waived based on equivalent prior course work or appropriate work experience in the technical area.

MIS Specialization

Minimum of six courses (24 semester hours), including two IDS Research Seminars (IDS 529), three specialized courses in areas of individual interest, IS research topics (IDS 595), and additional courses in consultation with the director of the PhD program.

Research Methods

Select three or four courses (12-16 semester hours), including statistical methods in research, behavioral research methods overview, quantitative methods in research, and additional courses to be decided in consultation with the director of the PhD program.

Examinations

- **Annual Evaluation:** An evaluation will be held at the end of the spring semester each year that the student is in the program. The evaluation will be conducted by a committee, which will include the PhD director as the chairperson, the student's mentor, and the entire IDS faculty who taught the student during that year. The committee will administer a written exam each year until the student passes the preliminary examination; it will determine the type and scope of the exam.
- **Preliminary Examination:** A written and/or oral exam, addressing advanced material in the area of inquiry and/or the student's plans for dissertation research, is required.
- **Dissertation** A dissertation demonstrating the ability to conduct original, scholarly research is required. No more than 32 hours of doctoral thesis research can be applied to the degree.

- **Other Requirements** Students must serve as a teaching assistant or research assistant. This requirement may be waived for students with appropriate teaching or research experience.