

MANAGEMENT INFORMATION SYSTEMS

PHD IN MIS

The PhD program in MIS is designed to produce world-class scholars in Management Information Systems. We measure our goal in the ability to place our PhD students in institutions where research, teaching, and service are encouraged and rewarded.

In line with this objective, we train our PhD students to recognize critical IS/IT research questions that may span one or more problem areas and to structure problems so that they can be effectively addressed. For this, students must master analytical and/or empirical methodologies from disciplines such as economics, operations research, and computer science. Coursework, graduate assistant appointments, and mentoring relationships are aimed at developing these research capabilities.

Apart from research, we also want to ensure that our PhD students are capable of teaching graduate and undergraduate level MIS coursework. Finally, we expect our students to actively participate in the information systems community. Presenting papers in conferences or workshops and reviewing manuscripts are some of the ways in which students can serve the IS community.

FACULTY RESEARCH AREAS

- Business models
- Causal inference
- Collaborative technologies
- Computational models of human behavior
- Data science
- Digitization
- E-business
- Economic applications of machine learning
- Economics of information systems
- Experimental design
- Fintech
- Game theory platforms, fairness
- Inequality
- Information security
- Internet, world wide web
- Machine learning
- Mobile and electronic commerce
- Networks
- Network design
- Omnichannel retailing
- Peer-to-peer technologies
- Platform economics
- Reconfigurable information system architecture
- Simulation and wargaming
- Social media and networks
- Synthetic environments
- Team learning
- Technology and ethics
- Technology and social issues

Visit our [website](#) to learn more about faculty research.

FUNDING OPPORTUNITIES

Daniels School of Business PhD students will have their tuition paid for five years beginning year 1, conditional on satisfactory progress in the program. In addition to the standard funding package, each department can supplement a student's funding at its discretion.

Standard Funding Package

- Tuition remission
- \$25,000 minimum stipend per year
- Partial medical, dental, and vision insurance coverage for the student and dependent(s)
- Professional development grants for use toward conference attendance, research, and related travel

For more information, please contact an [admissions specialist](#).

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PROGRAM REQUIREMENTS

- Complete 34 credit hours
- Serve as teaching assistant or course instructor
- Complete and present research project
- Pass Preliminary Examination
- Write and defend dissertation

CURRICULUM

12 credit hours - MIS PhD seminars
12 credit hours - research methods
6 credit hours - minor courses
4 credit hours - managerial Skills

Visit our [website](#) to explore additional program details.

PLACEMENT

Management Information Systems graduates have gone on to secure research-focused faculty positions at the following institutions:

- Amazon
- City University of Hong Kong
- Dartmouth College
- Florida International University
- George Mason University
- HKU Business School
- Indian School of Business, Hyderabad
- McGill University
- Miami University
- University of Arizona
- University of Southern California
- University of Washington