MS in Finance/MS in Management Information Systems

Admission Requirements
Applicants must meet the admissions criteria of both programs and are admitted separately to each through separate applications.

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

• Minimum Semester Hours Required: 56.
• Course Work: Depending on their background, students may be required to take additional technical, business, and other background courses as part of the degrees’ requirements.a

Required Courses—MS in Finance (12 hours)

- FIN 510 Investments
- FIN 520 Corporate Finance
- FIN 570 Quantitative Methods in Finance

Required Courses and Capstone—MS in Management Information Systems (20 hours)

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

IS Management (Select one of the following):

- IDS 515 Information Systems Strategy and Policy
- IDS 534 Project Management
- IDS 535 & IDS 535 and Vendor Management
- IDS 542 Global Innovation Management

Capstone Project Experience (Select one of the following):

- IDS 507 Advanced Systems Analysis and Design Project
- IDS 508 E-Commerce Project
- IDS 596 Independent Study in Information and Decision Sciences

Electives—MS in Finance (12 hours)
Select at least 12 hours from the following finance electives. Other finance electives may be taken with the advice and approval of the director of graduate studies.

- FIN 512 Portfolio Analysis
- FIN 516 Theory and Structure of Options and Futures Markets
- FIN 530 Money and Banking
- FIN 531 Capital Markets
- FIN 542 International Finance
- FIN 551 Financial Decision Making I
- FIN 571 Empirical Issues in Finance
- FIN 594 Special Topics in Finance

Electives—MS in Management Information Systems (12 hours)
Eight hours can be shared electives as suggested below. Courses must be chosen with the approval of the director of graduate studies. Courses from other departments and colleges may be taken as electives with approval. These courses may be chosen to fit career tracks in IS consulting, auditing and forensics, corporate IT management, supply chain and service operations, enterprise applications, or IS operations.

Shared Electives (8 hours)
Preapproved suggestions for 8 hours of shared electives across two degrees are listed below. Students must work with the directors of graduate studies of both programs to identify other appropriate courses.

- IDS 512 Information Systems Project & Program Management
- IDS 515 Information Systems Strategy and Policy
- IDS 521 Advanced Database Management
- IDS 523 Audit and Control of Information Systems
- IDS 561 Analytics for Big Data
- IDS 572 Data Mining for Business
- IDS 573 Risk Management

Prerequisites
- Prerequisites for the MS in Finance are ACTG 500, FIN 500, IDS 570, and ECON 520.
- Prerequisites for the MS in Management Information Systems include:
  - Two business prerequisites in any two functional areas of business: operations management (IDS 355 or IDS 532), accounting (ACTG 210 or ACTG 211 or ACTG 500); finance (FIN 300 or FIN 500); Marketing (MKTG 360 or MTG 500); Management (MGMT 340 or MGMT 541).
  - Technical prerequisites of foundational knowledge in database, programming, and systems analysis and design (IDS 401, IDS 405, and IDS 410).
- Business and technical prerequisite courses may be waived based on equivalent prior course work or appropriate work experience in the functional area.

a Prerequisites for the MS in Finance are ACTG 500, FIN 500, IDS 570, and ECON 520.
Prerequisites for the MS in Management Information Systems include:
- Two business prerequisites in any two functional areas of business: operations management (IDS 355 or IDS 532); accounting (ACTG 210 or ACTG 211 or ACTG 500); finance (FIN 300 or FIN 500); Marketing (MKTG 360 or MTG 500); Management (MGMT 340 or MGMT 541).
- Technical prerequisites of foundational knowledge in database, programming, and systems analysis and design (IDS 401, IDS 405, and IDS 410).
- Business and technical prerequisite courses may be waived based on equivalent prior course work or appropriate work experience in the functional area.