

# 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.
- **Coursework** Depending on their background, students may be required to take additional technical, business, and other background courses as part of the degrees' requirements.<sup>a</sup>

Code	Title	Hours
<b>Required Courses—MS in Finance (12 hours)</b>		
FIN 510	Investments	
FIN 520	Corporate Finance	
FIN 570	Quantitative Methods in Finance	
<b>Required Courses and Capstone—MS in Management Information Systems (20 hours)</b>		
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 & IDS 535	Project Management 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	
<b>Electives—MS in Finance (12 hours)</b>		
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	

FIN 596 Independent Study 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

<sup>a</sup> *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 MKTG 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 coursework or appropriate work experience in the functional area.*