

Master of Science in Management and Administrative Sciences

Degree Requirements

The University's general degree requirements are discussed [here](#).

The M.S. degree is obtained by completing a 36-hour program, beyond prerequisite courses, consisting of (1) 10 hours of basic core courses, (2) courses in a selected area of concentration, and (3) electives. Areas of concentration are (1) Finance, (2) Electronic Commerce, and (3) Organizations and Strategy, (4) Supply Chain Management, and (5) Innovation and Entrepreneurship.

The student may elect to submit a Master's thesis, which counts as three credit hours toward the total course requirements.

Students must maintain a 3.0 grade point average in both core courses and in aggregate courses to qualify for the M.S. degree.

Basic Core Courses (10 hours)

Each candidate must satisfactorily complete the following 10 hour basic core.

AIM 6201 Financial Accounting

MECO 6303 Business Economics

MIS 6204 Information Technology and MIS Fundamentals

OPRE 6301 Quantitative Introduction to Risk and Uncertainty in Business

Concentration Area Courses

Each candidate must complete a minimum number of required credit hours specified for a concentration. The required courses in each concentration area are:

Finance: In this concentration, students first complete fundamental courses in financial management and accounting. Then students select from a variety of finance courses. Students often will focus either on investment analysis and management or on corporate finance. The former prepares students to pursue careers in investment analysis and portfolio management, which in some cases require completion of the Chartered Financial Analyst (CFA®) examination. The latter prepares students to pursue careers in corporate financial analysis, including financial planning, management of financial institutions, and entrepreneurial finance.

Finance (17 hours)

All students are required to take

FIN 6301 Financial Management
AIM 6202 Managerial Accounting
AIM 6344 Financial Statement Analysis

Plus three out of the following six courses

FIN 6310 Investment Management
FIN 6315 Entrepreneurial Finance
FIN 6320 Money and Capital Markets
FIN 6350 Advanced Financial Management
FIN 6360 Options and Futures Markets
FIN 6366 International Financial Management

Students interested in investment analysis and management should take FIN 6310 and FIN 6360 .

Students interested in corporate finance should take FIN 6350 and either FIN 6315 or FIN 6366.

Electronic Commerce – This concentration focuses on business models and processes in electronic commerce. Every organization will increasingly use the Internet as an integral component of their overall strategy in coming years. This program gives students a solid understanding of issues pertaining to the use of Internet as a marketing tool – focusing on both strategic and technology aspects. This includes topics such as database management systems, web design and development, and Internet business models. The curriculum covers issues relevant to pure Internet based firms as well as traditional firms moving to Internet based delivery of products and services.

Electronic Commerce (16 hours)

MIS 6326 Database Management Systems
MKT 6301 Introduction to Marketing Management
MKT 6322 Internet Business Models
MIS 6352 Web Systems Design and Development
MKT 6323 Database Marketing
MIS 6150 Electronic Commerce Lab

Organizations and Strategy – This concentration emphasizes organizational behavior and theory, human resources management, and strategic management. Students will learn how to effectively integrate and leverage human resources as well as other forms of capital to create sustainable advantages in the competitive marketplace. The courses

draw upon and integrate a wide variety of disciplines, including economics, organization theory, finance, psychology, and sociology.

Organizations and Strategy (15 hours)

The following 3 courses:

BPS 6310 Strategic Management
BPS 6311 Strategy Implementation
BPS 6360 Management Consulting

Plus 6 Hours from the following:

BPS 6385 Entrepreneurial Business Strategies (also cross-listed as ENT 6385)
OB 6231 Power & Politics in Organizations
OB 6301 Introduction to Organizational Behavior
OB 6303 Managing Organizations
OB 6305 Managing People in Organizations

Supply Chain Management – The SCM concentration explores key issues related to the design and management of industrial supply chains. Students will learn how to improve supply chain operations to obtain lower costs, faster delivery, higher quality and mass customization. The ultimate objective is to mold traditional business operations into competitive weapons for today's global economy.

Supply Chain Management (12)

The following 3 courses

OPRE 6302 Operations Management
OPRE 6363 Inventory Control
OPRE 6366 Supply Chain Management

Plus at least one more from the following

OPRE 6335 Risk and Decision Analysis
OPRE 6340 Flexible Manufacturing Strategies
OPRE 6368 Industrial Applications in Supply Chains
OPRE 6370 Logistics and Distribution
OPRE 6385 Scheduling

Innovation and Entrepreneurship - Focused on the processes of technological innovation in both large and small organizations, this multidisciplinary sequence of courses seeks to prepare students for successful careers either as principals or key

functional managers in emerging growth firms, or as leaders of technological innovation in established firms. These concentrations include three required and two elective courses in the field.

Innovation and Entrepreneurship (15 hours)

The required courses include:

ENTP 6370 Entrepreneurship

ENTP 6378 Managing the Emerging Enterprise

ENTP 6385 Entrepreneurial Business Strategies

In addition, students may select a minimum of two additional courses chosen from among the following:

ENTP 6315 Entrepreneurial Finance

ENTP 6375 Strategic and Organizational Issues in the Management of Technology

ENTP 6380 Entrepreneurial Marketing

ENTP 6390 Business Plan Development

ENTP 6395 Seminar – Topics in Innovation & Entrepreneurship

Elective Courses

Students are required to complete a sufficient number of elective hours to earn a minimum of 36 hours toward the M.S. Specific course requirements for these concentration areas are available in the School of Management Advising Office. Students wishing to develop an individual program of studies which does not follow one of the concentrations must have the program approved in advance by the appropriate Program Director.