

**BUSINESS ADMINISTRATION MAJOR  
MANAGEMENT INFORMATION SYSTEMS OPTION**

Total Management Information Systems Option Units-55  
Minimum Total Units to Graduate-124

**FOUNDATIONS OF BUSINESS COURSES (10 UNITS):**

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
BUS 302*	Foundations of Business Environments	2						
BUS 304*	Data Analysis	4			Prerequisite for OM 305			
MGMT 302*^	Foundations of Management	2			MGMT 302 (2) or MGMT 305 (4)			
MKTG 302*^	Foundations of Marketing	2			MKTG 302 (2) or MKTG 305 (4)			

\*Prerequisite for Capstone and Senior Experience.

^Equivalent 4-unit course can be substituted for this 2-unit course with 2 units applied toward MIS electives.

**MIS CORE COURSES (16 UNITS):**

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
FIN 304*	Introduction to Corporate Finance	4						
MIS 304*	Management Information Systems	4						
MIS 411	Database Management Systems	4						
OM 305*	Operations Management	4						

\*Prerequisite for Capstone and Senior Experience.

**MIS ELECTIVES (20 UNITS)**

A minimum of 16 units must be selected from the following approved MIS/OM courses. The remaining 4 units can be taken from electives in ACCT, FIN, GBM, GSCM, MKTG, or MGMT. No more than 4 units from the ACCT, FIN, GBM, GSCM, MKTG, or MGMT core can be counted as elective credit for MIS. Students in the MIS option cannot take ACCT 308 for credit. Units outside of MIS may be substituted with prior approval from CoBA.

Course #	Course Number/Title	Units	Grade	Sem	Comments	Need	IP	Met
MIS 425	System Analysis and Design	4						
MIS 426	Telecommunications for Management	4						
MIS 427	Multimedia in Business	4						
MIS 430	Wireless Communications	4						
MIS 435	Internet Applications in Business	4						
MIS 329	Intro to Object Oriented Business Systems	4						
MIS 440	Electronic Commerce	4						
MIS 481-5	Selected Topics in Management Info Systems	1-4						
MIS 498	Independent Study in Management Info Systems	1-4						
OM 406	Decision Models: A Computer Integrated Approach	4						

Check course descriptions in General Catalog for prerequisites.

**CAPSTONE (4 UNITS):**

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
BUS 444	Strategic Management	4			To be taken prior to Senior Experience.			

**SENIOR EXPERIENCE (5 UNITS):**

(BUS 492 & BUS 493 is a two-course sequence taken in the same semester.)

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
BUS 492	Problem Assessment and Critical Thinking	1			1 <sup>st</sup> part of Senior Experience			
BUS 493	Problem Analysis and Implementation	4			2 <sup>nd</sup> part of Senior Experience			

**The Management Information Systems (MIS) option** trains business-oriented, technically proficient professionals for managing and building management information systems. Students will learn how to define organizational information requirements and use information technologies to meet them. They will also learn how to lead and manage information systems projects, especially those related to Internet applications. The major themes of the option include fundamentals of information systems, system analysis and design, and database management. The option also addresses subjects such as networking and telecommunications, computer programming, and electronic commerce. These topics provide students with not only knowledge and skills essential for management information systems development but also a variety of career opportunities in areas such as consulting, financial services, high technology, manufacturing, retail and entrepreneurial ventures.