

Management Information Systems Fact Sheet

Effective
 Fall 2012
 to Summer 2013

Business core courses will be offered every semester. Major courses listed below may not be offered every semester. This information is provided for planning purposes and is subject to revision each semester prior to registration. Fact Sheets are available in 100 Rike Hall and on the RSCOB web page: www.wright.edu/business.

F = Fall		S = Spring	R = Summer
Required Courses: 21 Hours			
Course	Title	Sem(s) Offered	Prerequisite(s)
CS 1160	Intro to Computer Programming	F, S	MTH 1280
MIS 2150	IS Applications Development	F, S	CS 1160
MIS 3150	Data and Information Management	F, S	CS 1160, MIS 3000
MIS 3250	Analysis and Design of Information Systems	F, S	MIS 3000
MIS 4250	Information Technology Infrastructures	F, S	MIS 3000
MIS 4500	Business Processes & Enterprise Systems*	F, S	MIS 3250
MIS 4950	IS Project Management and Development**	F, S	MIS 3150, 3250
Elective Courses: 6 Hours (See back for list)			
<p>* MIS 4500 is Integrated Writing.</p> <p>** MIS 4950 must be taken at the end of the MIS program. Department permission is required and prerequisites will be checked. Contact the ISOM department, 251 Rike Hall, (937)775-2895, one year prior to the semester you will graduate to put your name on the list for that semester.</p>			
<p><i>To meet other students in your major, get to know the faculty better, and gain valuable career information, join the MIS student club, AIS (Association for Information Systems). Information is available in the ISOM department, 251 Rike Hall, (937)775-2895.</i></p>			

MIS Elective Courses: 6 Hours (Choose two of the following)

Course	Title	Sem(s) Offered	Prerequisite(s)
MIS 3450	Web Application Development	S	MIS 3000
MIS 3650	Automating Business Processes with RFID	S	
MIS 4300	Business Intelligence	S	MIS 3000
MIS 4400	IS Strategy, Management & Acquisition	TBA	MIS 3000
MIS 4800	Special Topics in MIS	TBA	MIS 3000
MIS 4810	Internship in MIS***	F, S	MIS 3000

*** Contact the ISOM department, 251 Rike Hall, (937)775-2895, for information regarding internships.

The Program Objectives of the Management Information Systems (MIS) major are to:

- I. Prepare individuals to plan, architect, and deploy information technology solutions in support of organizations.
- II. Prepare individuals to understand, undertake, and manage information systems development and integration to enable business processes in dynamic environments.
- III. Prepare individuals for leadership positions in information technology or for a graduate school program.
- IV. Prepare individuals with skills to adapt and innovate in dynamic environments through lifelong learning.

The Learning Outcomes for the MIS major are that graduating students will have:

- a. An ability to apply knowledge of computing and mathematics to solve business problems.
- b. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- c. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
- d. An ability to function effectively on teams to accomplish a common goal.
- e. An understanding of professional, ethical, legal, security and social issues and responsibilities.
- f. An ability to communicate effectively with a range of audiences.
- g. An ability to analyze the local and global impact of computing on individuals, organizations, and society.
- h. Recognition of the need for and an ability to engage in continuing professional development.
- i. An ability to use current techniques, skills, and tools necessary to meet organizational IS needs and opportunities.
- j. An understanding of processes that support the delivery and management of information systems within today's business organization.