

College of Business
INFORMATION SYSTEMS MANAGEMENT (ISMN)
2008-2009

	FIRST SEMESTER	FRESHMAN YEAR		SECOND SEMESTER
ENGL 1100	<input type="checkbox"/> ENGLISH COMP I	3	ENGL 1120	<input type="checkbox"/> ENGLISH COMP II
	<input type="checkbox"/> CORE HISTORY I	3		<input type="checkbox"/> CORE HISTORY II
MATH 1680	<input type="checkbox"/> CALCULUS W/BUS APP I	4	MATH 1690	<input type="checkbox"/> CALCULUS W/BUS APP II
	<input type="checkbox"/> CORE SCIENCE I	4		<input type="checkbox"/> CORE SCIENCE II
BUSI 1010	<input type="checkbox"/> CONTEMP ISSUES BUS ADM. I	1		<input type="checkbox"/> FREE ELECTIVE

Completion of University IT Requirement _____.

	FIRST SEMESTER	SOPHOMORE YEAR		SECOND SEMESTER
ECON 2020	<input type="checkbox"/> SOC SCI I (MENU)	3	ACCT 2990	<input type="checkbox"/> BUSINESS LAW
ACCT 2110	<input type="checkbox"/> MICRO-ECON (SOC SCI II)	3	ECON 2030	<input type="checkbox"/> MACRO-ECONOMICS
ENGL 2200	<input type="checkbox"/> PRIN FINANCIAL ACC.	3	ACCT 2210	<input type="checkbox"/> PRIN MANAGERIAL ACC
	<input type="checkbox"/> WORLD LITERATURE I	3	ENGL 2210	<input type="checkbox"/> WORLD LITERATURE II
	<input type="checkbox"/> FREE ELECTIVE	4	PHIL 1040	<input type="checkbox"/> BUSINESS ETHICS OR ETHICS
			PHIL 1020	3

	FIRST SEMESTER	JUNIOR YEAR		SECOND SEMESTER
ISMN 3040	<input type="checkbox"/> BUSINESS TELECOMM MNGT	3	FINC 3610	<input type="checkbox"/> PRIN OF FINANCE
ISMN 3070	<input type="checkbox"/> BUS COMPUTER APPL	3		<input type="checkbox"/> FINE ARTS
STAT 2610	<input type="checkbox"/> STATISTICS	3		<input type="checkbox"/> ISMN ELECTIVE*
ISMN 3140	<input type="checkbox"/> INTRO TO MIS	2	ISMN 3830	<input type="checkbox"/> DATABASE MGT SYS
SCMN 3150	<input type="checkbox"/> MNGT OF BUSINESS PROCESSES	2	MNGT 3100	<input type="checkbox"/> PRIN OF MANAGEMENT
MKTG 3310	<input type="checkbox"/> PRIN OF MARKETING	3		3

	FIRST SEMESTER	SENIOR YEAR		SECOND SEMESTER
ISMN 4090	<input type="checkbox"/> ANAL & DES BUS SYS	3		<input type="checkbox"/> ISMN ELECTIVE**
	<input type="checkbox"/> ISMN ELECTIVE**	3		<input type="checkbox"/> BUSINESS ELECTIVE
	<input type="checkbox"/> BUSINESS ELECTIVE	3	MNGT 4800	<input type="checkbox"/> STRATEGIC MNGT
	<input type="checkbox"/> ISMN ELECTIVE**	3		<input type="checkbox"/> FREE ELECTIVE
	<input type="checkbox"/> FREE ELECTIVE	3		<input type="checkbox"/> ISMN ELECTIVE**
				3

TOTAL - 123 SEMESTER HOURS

*ISMN ELECTIVES (1 Programming Course) MUST BE CHOSEN FROM: MNGT 3080.

**ISMN ELECTIVES (4 Courses) See reverse side for ISMN Electives.

*ISMN courses have enforced pre-requisites. An earned grade of "C" or better must be obtained for all pre-requisite courses to 4000-level ISMN classes.

A 2.00 GPA (C Average) is required on all course work in the major.

COURSE	GRADE	COURSE	GRADE	COURSE	GRADE
ISMN 3070		ISMN 3830		ISMN ELEC	
ISMN 3140		ISMN 4090		ISMN ELEC	
SCMN 3150		ISMN ELEC		ISMN ELEC	
ISMN 3040		ISMN ELEC			

NO MORE THAN 2 PE CLASSES (4 HRS.) CAN BE COUNTED TOWARD A DEGREE PLAN

FREE ELECTIVES

INFORMATION SYSTEMS MANAGEMENT COURSES

REQUIRED ISMN COURSES

ISMN 3040 BUSINESS TELECOMMUNICATIONS MANAGEMENT (3). LEC. 3. Pr. junior standing. Voice Communications and technology and data communications (LAN, WAN, internet broadband), networks, protocols, standards, legislation and project development and management.

ISMN 3070 BUSINESS COMPUTER APPLICATIONS (3). LEC. 3. Pr., junior standing, College of Business Information Technology requirement. Advanced applications using object oriented, visual languages for faster development. Explores microcomputer-based languages

ISMN 3140 INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS (2). LEC. 4. Pr., , junior standing. The fundamental principles of the structure and management of information systems.

SCMN 3150 MANAGEMENT OF BUSINESS PROCESSES (2). LEC. 2. Pr., , junior standing. The fundamental principles of the structure and management of business operations.

ISMN 3830 DATABASE MANAGEMENT SYSTEMS (3). LEC. 3. Pr., MNGT 3070 with a grade of "C" or better. Business applications software in a database environment, complex data and file structures, systems design consideration of global and distributed databases.

ISMN 4090 ANALYSIS AND DESIGN OF BUSINESS INFORMATION SYSTEMS (3). LEC. 3. Pr., MNGT 3830 with a grade of "C" or better . General systems techniques, development methodologies, database considerations, project planning and control, system integration.

PROGRAMMING COURSES

ISMN 3080 ADVANCED PROGRAMMING AND COMPUTER APPLICATIONS (3). LEC. 3. Pr., MNGT 3070 with a grade of "C" or better, junior standing . Visual and object-oriented business programming languages are introduced and explored.

ISMN ELECTIVES

ISMN 4850 COMPETITIVE STRATEGIES THROUGH INFORMATION TECHNOLOGIES (3). LEC. 3. Pr., MNGT 3070, MNGT 3040, with a "C" or better in both classes. Emphasizes how competitive strategies for companies are formulated and implemented using a combination of information technologies.

ISMN 4870 DATABASE SERVER FUNDAMENTALS (3). LEC. 3. Pr., junior standing, . Coreq., MNGT 3830. Database servers as core components of developing n-Tier information technology are discussed. Practical exercises used to demonstrate the process of using QSQL to manage database through data manipulation language and data definition language. Advanced database objects are introduced.

ISMN 4880 MANAGEMENT INFORMATION SYSTEMS PROJECTS (3). LEC. 3. Pr., junior standing, Coreq. MNGT 3830. Synthesizes theory and principles of management information systems (MIS) using real-life, hands-on-projects.

ISMN 5040 ADVANCED BUSINESS DATA COMMUNICATIONS (3). LEC. 3. Pr., MNGT 3140 or MNGT 3040 . Experienced-based class building on domain knowledge of prerequisites; gives personal and team experience in data communications technology and networks.

ISMN 5270 CURRENT ISSUES IN INFORMATION SYSTEMS FOR ORGANIZATIONS (3). LEC. 3. Pr., junior standing or above, . This course covers current issues in Information Systems Management and Technology. As such, topics may differ from semester to semester. The objective of the course is to allow students to become familiar with issues such as emerging technologies, information systems and their role in vertical portals, and the role of information systems in industry.

ISMN 5280 INFORMATION SYSTEMS ARCHITECTURE IN THE SMALL- AND MEDIUM-SIZE ENTERPRISE (3). LEC. 3. Pr., junior standing or above, MNGT 3040, MNGT 3070, . This course is an expose' into the current business applications of open source software. The course consists of 1) a research component focusing on current trends and practices within the culture of Open Source Software as well as the current and potential impact on business and 2) a hands-on laboratory component in which students explore the application of Open Source Software as a business tool.

ISMN 5370 INFORMATION TECHNOLOGY PROJECT MANAGEMENT (3). LEC. 3. Pr. junior standing. Tools and techniques of information technology project management including leading project management software.

ISMN 5630 CLIENT-SIDE INTERNET PROGRAMMING (3). LEC. 3. Pr., junior standing. Fundamentals of client-side Internet programming using technologies such as HTML, JavaScript, Cascading Style Sheets, and XML.

ISMN 5640 SERVER-SIDE INTERNET PROGRAMMING (3). LEC. 3. Pr, junior standing. Fundamentals of server-side Internet programming using technologies such as PHP, MySQL, and XML.

ISMN 5650 ADVANCED OBJECT-ORIENTED AND INTERNET PROGRAMMING (3). LEC. 3. Pr., MNGT 3070 with a "C" or higher, . Fundamentals of developing object-oriented, component-based and Internet business applications.

ISMN 5670 SECURITY AND INFORMATION ASSURANCE (3). LEC. 3. Pr., junior standing or above, . This course covers the fundamentals of computer security and information assurance from a management perspective. The student will be exposed to security and information assurance topics such as security policies, confidentiality, and ethics. Organizational issues of security and methodologies for information assurance will be discussed from a managerial perspective.

ISMN 5680 ADVANCED DATA BASE ADMINISTRATION AND DEVELOPMENT (3). LEC. 3. Pr., MNGT 3830 with a "C" or higher. Key tasks and functions required of a database administrator in a business environment.

ISMN 5690 KNOWLEDGE MANAGEMENT AND ORGANIZATIONAL LEARNING (3). LEC. 3. Pr., junior standing or above. Introduction to knowledge management and its role in organizational decision-making and learning. Studies of issues related to management, creation, and use of knowledge as well as issues related to system design and implementation.