



**BACHELOR OF SCIENCE IN INFORMATION SYSTEMS DEGREE
(ENTERING COLLEGE BEFORE FALL 2002)**

Students earning degrees through the College of Business Administration are required to complete:
 60 credit hours of non-business coursework
 30 hours of core business coursework
 21 hours of IS coursework
 9 hours of business or non-business approved electives credit hours
 120 credits

Students must complete a minimum of 60 hours of non-business coursework that includes:

I. BASIC SKILLS:

- A. English Composition: English 1100 A minimum grade of C- is
- B. Junior Level English: English 3120 Business Writing required for each course.

II. UNIVERSITY GENERAL EDUCATION AND BUSINESS ADMINISTRATION GENERAL DEGREE REQUIREMENTS

- A. Three (3) courses in Humanities
- B. Five (5) courses in Social Science to include: Econ 1001, Econ 1002, one course to meet the state requirement, and two additional courses in Social Sciences.
- C. Four (4) courses in Mathematics/Science: Math 1030, Math 1100, Math 1105, and one lecture course in either a natural or physical science.
- D. Three (3) courses in Global Awareness to include one cultural diversity studies course.
- E. A minimum of 42 hours Breadth of Study. (To be selected from Humanities, Social Sciences and Math/Science)
- F. A minimum of 60 hours of approved non-business administration coursework.

III. REQUIRED BUSINESS ADMINISTRATION COURSES:

	<u>30 Hours</u>	
INFSYS 2800 - Information Systems Concepts & Applications*	3	A minimum grade of a C- is required for all core courses except MGMT 4219.
ACCTG 2400 - Fundamentals of Financial Accounting	3	
ACCTG 2410 - Managerial Accounting	3	
BUS AD 2900 - Legal Environment of Business	3	
LOG OM 3300 - Business Statistics	3	
LOG OM 3320 - Introduction to Operations Management	3	
FINANCE 3500 - Financial Management	3	
MGMT 3600 - Management and Organizational Behavior	3	
MKTG 3700 - Basic Marketing	3	
MGMT 4219 - Strategic Management (capstone course, taken during the last semester)**	3	

* The prerequisite course, INFSYS 1800, can be waived by exam.

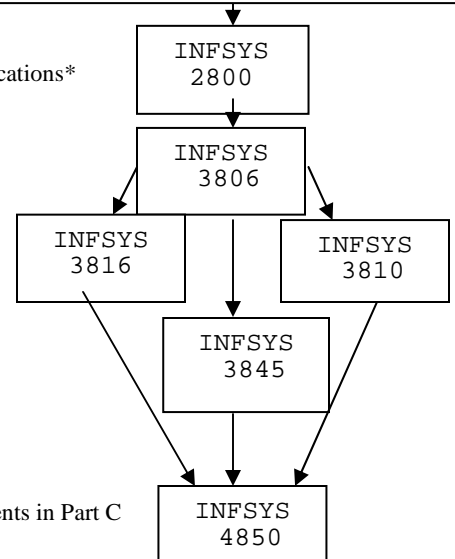
**Special Consent form needed for MGMT 4219: Strategic Management. One assessment test is required: MGMT 4220: Business Assessment Test.

IV. MANAGEMENT INFORMATION SYSTEMS REQUIREMENTS:

A student must complete 7 courses (21 hours)

- A. Programming/File Structure Requirement (6 hours)
 - INFSYS 3806 Managerial Applications of Object-Oriented Programming I
 - INFSYS 3816 Managerial Applications of Object-Oriented Programming II
- B. Three Courses (9 hours)
 - INFSYS 3810 Information Systems Analysis
 - INFSYS 3845 Database Management Systems
 - INFSYS 4850 Information Systems Design
- C. A student must complete two courses (6 hours) from the following to include at least one Business Administration (BA) course at the 3000/4000-level:
 - ACCTG 3421 Accounting Information Systems Spreadsheets and Applications*
 - FINANCE 3503 Computer Applications in Finance*
 - MKTG 3721 Marketing and the Internet*
 - INFSYS 3807 Legacy Systems
 - INFSYS 3815 Object Oriented Applications in Business
 - INFSYS 3841 Enterprise Information Systems
 - INFSYS 3842 Management of Telecommunications
 - INFSYS 3843 Decision Support Systems
 - INFSYS 3844 Developing Business Applications in .NET
 - INFSYS 3846 e-commerce
 - INFSYS 3847 Web Design
 - INFSYS 3848 Security and Information Systems
 - INFSYS 3895/3898 Business Administration Problems/Seminar+
 - INFSYS 3899 Independent Study+
 - CS 2700 Computer Systems: Architecture & Organization
 - CS 2710 Computer Systems: Programming
 - CS 4300 Introduction to Artificial Intelligence
 - CS 4760 Operating Systems

INFSYS 1800, Can be waived by exam. See Website: <http://mis.umsl.edu/1800waiverrequest.html>



*Only one of ACCTG 3421, FINANCE 3503, MKTG 3721 may be used for the requirements in Part C
 +These are restricted to those approved by the area faculty and the area coordinator

For additional information the IS website: <http://www.umsl.edu/divisions/business/mis/index.html> and the College of Business Administration Academic Advising website: http://www.umsl.edu/divisions/business/undergrad_advising/

A STUDENT SEEKING TWO DEGREES SHOULD SPEAK WITH A BUSINESS ADVISOR
 06/08 SUBJECT TO CHANGE

SAMPLE PROGRAM

FIRST SEMESTER

Math 1030 College Algebra
Eng. 1100 Freshman Composition
Humanities Course
State Requirement Course
General Education Course

THIRD SEMESTER

Math 1105 Basic Probability & Statistics
General Education Course
ACCTG 2400 Financial Accounting
Econ 1002 Macroeconomics
Humanities Course

FIFTH SEMESTER

INFSYS 3816 Mg. Ap of Ob Oriented Programming II
MGMT 3600 Management & Org. Behavior
LOG OM 3320 Intro to Operations Management
MKTG 3700 Basic Marketing
ENG 3120 Business Writing

SEVENTH SEMESTER

INFSYS 3845 Database Management Systems
IS Elective
Social Science Course
Approved Non-Business Elective
Global Awareness Course

SECOND SEMESTER

Math 1100 Basic Calculus
Econ 1001 Microeconomics
Humanities Course
INFSYS 2800 Info Systems Concepts & Appl
Social Science Course

FOURTH SEMESTER

ACCTG 2410 Managerial Accounting
LOG OM 3300 Business Statistics
INFSYS 3806 Mg Ap of Ob Oriented Programming I
Social/Behavioral Science Course
Life/Natural Sciences (Lecture/no lab)

SIXTH SEMESTER

FINANCE 3500 Financial Management
INFSYS 3810 Information Systems Analysis
BUS AD 2900 Legal Environment of Business
Cultural Diversity Course
Global Awareness Course

EIGHTH SEMESTER

INFSYS 4850 Information Systems Design
MGMT 4220 Business Assessment Testing
MGMT 4219 Strategic Management
3000/4000 Level IS Elective
Approved Bus. or Non-Bus. Elective
Approved Non-Business Elective

Students seeking two concurrent degrees must have 135 hours (this does not pertain to the emphasis areas in the BSBA degree).

