Non-COB General
Elective ..................................................4

Spring Semester (12 sem. hrs.)
MGT 431** Practical Strategic Management ....................3
ITM 466 Data Mining and Informatics ..........................3
Non-COB General
Elective ..................................................6
*Science courses must be from different areas. One science course must be in biology. The second science course must be in chemical or physical science.
**Writing intensive course.
***FSOS majors are required to take MAT 225 or higher (fulfills the 4-hour baccalaureate math requirement).

Management Information Systems Major

Department of Information and Technology Management Faculty:
Associate Professor Webb, Chair; Professor Courier; Associate Professors Jeffries, Jenzarli, Nelson, Papp, Shirley; Assistant Professors Alhourani, Jain, Veltri, Yalabik; Instructor Fentriss.

Management Information Systems is a challenging field of study focused on integrating information technology solutions and business processes to meet the information needs of businesses and other enterprises. The perspective of MIS on information technology is to emphasize information and a view of technology as an instrument for generating, processing and distributing information. Students majoring in MIS receive a comprehensive education in the design, analysis, development and management of information systems, the functional business areas, and various managerial and analytical skills required in any organization. Our graduates have a combination of strong technical and business skills, including oral and written communication, that bridge the gap that often exists between business users of systems and technically trained specialists.

Features of our innovative program include interactive lectures, individual and team assignments, and experiential learning to help students build successful careers. Alliances with Microsoft provide students access to a wide array of software tools. Partnerships with information systems professional associations provide many opportunities for student interaction with the business community. Internships with well-known corporations are available to qualified students.

Requirements for a degree in the Sykes College of Business:
College of Business core requirements ...36
SPE 200 Oral Communications, or
SPE 208 Speech for Business and the Professions..............4

Management Information Systems major requirements:
MAT 225 Calculus for Business ......4
ITM 251 Visual Basic .......................3
ITM 261 Web Programming ..............3
ITM 280 Data Communication Systems .....................3
ITM 318 Systems Analysis and Design I .....................3
ITM 360 Advanced Programming ....3
ITM 408 Database Design and Administration ..............3
ITM 419 (Capstone) Systems Analysis and Design II ..........3
Two of the following courses: ...............6
ITM 330 Operating Systems ..............3
ITM 335 Software Applications for Microcomputers ........3
ITM 350 Business Continuity and Risk Management ..........3
ITM 410 Network Management .........3
ITM 415 Business Intelligence Solutions ......................3
ITM 416 Electronic Commerce ......3
ITM 420 Informational Systems in the Global Environment ...3
ITM 430 Strategic Information Systems ......................3
ITM 466 Data Mining and Informatics ......................3
ITM 495 Special Topics in Information Technology Management ..........3
Four-Year Degree Plan for Majors in Management Information Systems

First (Freshman) Year

Fall Semester (16 sem. hrs.)
- GTW 100 Gateways ......................1
- ENG 101 Composition and Rhetoric I ...............4
- ACC 202 Financial Accounting Information ................3
- MAT 225 Calculus for Business*** ................4
- GIS 101 Global Issues .........................4

Spring Semester (16 sem. hrs.)
- GTW 102 Gateways II ......................1
- ENG 102 Composition and Rhetoric II ................4
- ACC 203 Managerial Accounting ................3
- ECO 204 Principles of Microeconomics .............3
- ITM 200 Introduction to Computers ................1
- General Curr. Dist. Course (Non-COB) .................4

Second (Sophomore) Year

Fall Semester (16 sem. hrs.)
- ECO 205 Principles of Macroeconomics ..............3
- ITM 251 Visual Basic .........................3
- Science Course* ..................................3
- SPE 200 or 208 ................................4
- ITM 220 Information Systems ....................3

Spring Semester (16 sem. hrs.)
- ITM 210 Managerial Statistics ..................3
- ITM 261 Web Programming .....................3
- Science Course* ..................................3
- ITM 280 Data Communication Systems ..............3
- General Curr. Dist. Course (Non-COB) .................4

Third (Junior) Year

Fall Semester (16 sem. hrs.)
- FIN 310 Financial Management ....................3
- MGT 330 Principles of Management ................3
- MKT 300 Principles of Marketing ..................3
- ITM 318** Systems Analysis and Design I .............3
- General Curr. Dist. Course (Non-COB) .................4

Spring Semester (16 sem. hrs.)
- MGT 335 Essentials of Corporate Responsibility ........3
- ITM 360 Advanced Programming ..................3
- ITM 361 Operations Management ..................3
- ITM 408 Database Design and Administration ..........3
- General Curr. Dist. Course (Non-COB) .................4

Fourth (Senior) Year

Fall Semester (14 sem. hrs.)
- ITM 419** Systems Analysis and Design II ..........3
- ITM Elective .....................................3
- Non-COB General Elective .........................4
- General Electives ..................................4
- *Science courses must be from different areas. One science course must be in biology. The second science course must be in chemical or physical science.
- **Writing Intensive Course
- ***MIS majors are required to take MAT 225 or higher (fulfills the 4-hour baccalaureate math requirement).
- General Electives ..................................4

Management Information Systems Minor

Requirements for minor in management information systems:
- ITM 251 Visual Basic .........................3
- ITM 261 Web Programming .....................3
- ITM 220 Information Systems ..................3
- ITM 280 Data Communication Systems .............3
- ITM 318 Systems Analysis and Design I ..............3

Note: The lower COB core, ENG 101 and 102, ITM 200 and MAT 225, must be completed by the end of the sophomore year.
EMAT: Electronic Media Art and Technology Major
The major in electronic media, art and technology is an interdisciplinary program that emphasizes designing and producing interactivity for Web-based products for both commercial and artistic intent. See EMAT, in the College of Arts and Letters chapter, for full details.

Management Major
Department of Management Faculty: Associate Professor Steiner, Chair; Professors Simendinger, Watson; Associate Professors Bear, Beckman, Galperin, Tompson; Assistant Professors Bechtold, Thomason, Voris, Weeks, Weiss, Xie; Visiting Assistant Professor Koutroumanis.

Management is more than planning, organizing and controlling resources; it is the direction of human effort in all facets of business, industry and government. Graduates in this program develop the knowledge and skills required to ethically lead and manage global businesses, with attention to customer value, returns to stockholders and satisfaction in personal and corporate employee development. Students have the opportunity to participate in small business consulting exercises and solve problems of real companies. Business simulations illustrate the consequences of management decisions.

Requirements for a degree in the Sykes College of Business:
Sykes College of Business core requirements ..................36
SPE 200 Oral Communications, or SPE 208 Speech for Business and the Professions.........................4

Management major requirements:
MGT 340 Human Resource Management .....................3
MGT 345/ Global Organizational Behavior .....................3
MGT 350/ Survey of International Business .....................3
From the economics component: ..............3
ECO 300 Labor Economics.....................3
ECO 320 Intermediate Microeconomics.....................3
ECO 321 Intermediate Macroeconomic Analysis...3
Two of the following courses: ..............6
Any management course not already taken (except MGT 490, Management Internship and MGT 499, Independent Study in Management)
ACC 304 Cost Accounting.....................3
ACC 351 Accounting Information Systems.....................3
ACC 352 Federal Tax Accounting I....3
ECO 300 Labor Economics.....................3
ECO 320 Intermediate Microeconomics.....................3
ECO 321 Intermediate Macroeconomic Analysis...3
FIN 470 Financial Markets,
Institutions, and Money...3
FIN 410 Intermediate Financial Management .....................3
FIN 440 Investments.....................3
MKT 352 Product Management and Services Marketing.....................3
MKT 360 Marketing Research and Opportunity Analysis.........3
MKT 371 Personal Selling and Sales Management .....................3
MKT 372 Retail and Distribution Management .....................3
Total Semester Hours: 58

Four-Year Degree Plan for Majors in Management
First (Freshman) Year
Fall Semester (17 sem. hrs.)
GTW 100 Gateways .....................1
ENG 101 Composition and Rhetoric I.....................4
GIS 101 Global Issues .....................4
MAT 160 College Algebra .....................4
ACC 202 Financial Accounting Information .....................3
ITM 200 Introduction to Computers .....................1

Total Semester Hours: 18

ITM 360 Advanced Programming....3