

**Master of Business Administration  
 MIS Specialization  
 Program Sheet**

Effective Spring 2009

Name \_\_\_\_\_ ID# \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

**Program Courses (30 Credit Hours)**

<b>Term</b>	<b>Grade</b>	<b>Course and Title</b>	<b>Cr. Hrs.</b>	<b>Prerequisite</b>
_____	_____	<b>MBA 521</b> Quantitative Analysis (F, Sp2)	3	MS 251 or equivalent
_____	_____	<b>MBA 522</b> Decision Making (Su, Sp1; must be in first 12 hrs)	3	MBA 521
_____	_____	<b>MBA 523</b> Negotiation & Interpersonal Skills (F, Sp2)	3	MBA 522
_____	_____	<b>ACCT 524</b> Accounting for MBAs (F, Sp2)	3	ACCT 200 or equivalent
_____	_____	<b>MKTG 525</b> Marketing Analysis & Applications (Su, Sp1)	3	Graduate Standing
_____	_____	<b>CMIS 526</b> Information Systems & Technology (F, Sp2)	3	Graduate standing
_____	_____	<b>FIN 527</b> Corporate Finance (Su, Sp1)	3	ACCT 524
_____	_____	<b>ECON 528</b> Managerial Economics (F, Sp2)	3	MBA 521
_____	_____	<b>PROD 529</b> Operations Management (F, Sp2)	3	MBA 521 & MBA 522
_____	_____	<b>MBA 534</b> Strategic Management (F, Sp2, Su)	3	All program courses

**MIS Specialization**

You are required to take 12 hours of CMIS electives to complete your program. Current CMIS electives are listed on the reverse side.

**Term Grade Four CMIS Courses Required (12 Credit Hours)**

- |       |       |          |
|-------|-------|----------|
| _____ | _____ | 1. _____ |
| _____ | _____ | 2. _____ |
| _____ | _____ | 3. _____ |
| _____ | _____ | 4. _____ |

NOTE: A maximum of two 400-level courses is permitted

## CMIS Electives

**CMIS 528 - MANAGING TECHNOLOGY.** Application of systems models to improve manager's ability to identify, understand, control, evaluate, plan, acquire, and use technology. Prerequisite: CMIS 526.

**CMIS/MGMT 535 - PROJECT MANAGEMENT STANDARD PROCESSES.** A framework of standard processes based on the Project Management Body of Knowledge® and other resources. Includes processes for managing scope, time, quality, cost, human resources, communications, risk, and procurement. Prerequisite: CMIS 540 or consent of instructor.

**CMIS/MGMT 536 – PROCUREMENT MANAGEMENT IN PROJECTS.** Provides in-depth examination of the role of procurement management in projects. Develops understanding of strategies for successful supplier evaluation, source selection, contract administration, and communication management. Prerequisite: Admission to the MBA or MS/CMIS program.

**CMIS/MGMT 537 – PROJECT RISK MANAGEMENT.** Provides in-depth examination of risk management in projects. Develops knowledge of risk identification, risk analysis, risk response planning, risk control strategies, and the use of analytical tools for creating risk management plans. Prerequisite: MS 251 or equivalent.

**CMIS/MGMT 540 – PROJECT MANAGEMENT FUNDAMENTALS AND BEST PRACTICES.** Theory and techniques for managing technology projects within constraints of time, resources, and functionality. Topics include project initiation, planning, executing, controlling, and closing. Prerequisite: admission into any graduate program in business.

**CMIS 557 - ENTERPRISE RESOURCE PLANNING.** The role of Enterprise Resource Planning (ERP) software in the e-Business environment will be explored using SAP. A risk management approach will be emphasized. Prerequisite: ACCT 524, or equivalent.

**CMIS 563 - SQL-PL/SQL.** Query language (SQL) and procedural language-SQL (PL/SQL). Database structures and storing, retrieving, and manipulating data in relational databases. Covers PL/SQL blocks of application code. Prerequisite: CMIS 526, or consent of instructor.

**CMIS 564 - DATABASE DESIGN.** Enterprise-wide data modeling. Conceptual database design, entity-relationship, and object-oriented models. Physical database design, relational model, and normalization theory. Prerequisite: CMIS 526, or consent of instructor.

**CMIS 565 - ORACLE DATABASE ADMINISTRATION.** Seminar in Oracle Database Administration including database creation, maintenance, backup, recovery, and user account administration. Prerequisite: CMIS 564.

**CMIS 570 - SOFTWARE SYSTEMS DESIGN.** Techniques and tools for information systems analysis and design. Process-oriented modeling and structured design concepts and techniques, re-engineering business processes, quality-assurance and reliability. Prerequisite: CMIS 526, or instructor permission.

**CMIS 588 - SEMINAR IN COMPUTER MANAGEMENT AND INFORMATION SYSTEMS.** Current issues; content varies. May be repeated to a maximum of 12 hours provided no topic is repeated. Prerequisite: consent of instructor.

A maximum of two 400-level electives may be used. They must be printed in the Graduate Catalog, and you must meet any prerequisites. You may view the graduate catalog online at <http://www.siu.edu/graduate/>. Note: 400-level courses do not always meet at night and, except for summer, they are always 15 weeks in length.

## Transfer Credit Information

1. No more than nine hours total of program and elective courses may transfer from other institutions and from Unclassified graduate status at SIUE.
2. Courses must have been taken at an AACSB-accredited business school within 6 years of the anticipated graduation date from SIUE.
3. An earned grade of “B” or better is required.
4. Transfer credit is subject to approval of the associate dean of the School of Business.
5. Courses used for transfer credit cannot have been previously used toward any other degree.

For transfer credit to be evaluated, a student must submit a *Graduate Student Request Form* with the following information:

- a) Course number, title, description and attached syllabus.
- b) Dates, credit earned and institution.
- c) Transfer credit to be used to replace program courses (specify) or as an elective.