

Master of Science Degree in Computer Information Systems Integrated Program Matrix

(Revised spring 2008)

University Student Learning Outcomes (Graduates will:)	College Core Competencies (Graduates will :)	Program Student Learning Outcomes	Assessment Criteria and Measures	Use of Assessment Results for Continuous Improvement
		1. Students completing the MS in CIS will be prepared for leadership positions in the information technology field. They will be equipped with the following foundations and perspectives:	100% of the courses in the CIS curriculum will have syllabi showing evidence of linkage to the "Program Student Learning Outcomes."	Based on Advisory Council recommendations , 2006-07 Program Review, and course exams and projects the following improvements have been or are being implemented:
Demonstrate excellence in critical thinking, problem-solving, analysis and strategic planning.	Creative and Analytical Thinking: be able to link data, knowledge and insight to make quality strategic decisions on a timely basis.	1a. Use multiple paradigms and frameworks to understand organizational processes and design appropriate information systems solutions. [ISM6488, 6155, 6121, 6239, 6217, 6231, 6316]	-Solve assigned problems. -Projects and/or examinations. -Problem solving exercises.	MSin CIS program was redesigned effective 2007 catalog to meet national curriculum model guidelines & review findings. The new program includes updated course content, more business foundation courses, and a choice of business or technology electives.
Demonstrate effective use of a variety of communication skills and modalities.	Communication Skills: in their leadership position, be able to give and exchange information within meaningful contexts and with appropriate delivery and interpersonal skills.	1b. Communicate effectively using oral, written and media skills. [ISM 6021, 6121, 6231, 6155, 6488]	-Case presentations. -External practitioners and faculty.	
Exhibit professional and technical expertise consistent with discipline and/or content area specific accrediting or licensing bodies.	Systems Orientation: understand the inter-related nature of the various functional areas of organizations and the information needs and flows of the organizations. They will also be able to lead and to adapt to changes in the internal and external environments.	1c. Evaluate and employ IT to solve information related problems. [ISM 6021, 6121, 6217, 6231, 6316, 6155]	- Projects and/or examinations.	
Be prepared for leadership roles in professional and occupational areas and in communities in which they live and work.	Teamwork and Interpersonal Skills: be able to work with others in diverse and cross-functional environments, and to lead as the need arises.	1d. Community awareness and involvement in local information-based service entities. [ISM 6121, 6316, 6488, 6944, 6946]	-Projects. -External practitioners and faculty.	
Demonstrate capacity for continued learning, growth, and scholarly activity in their respective disciplines and fields of study.	Technological Proficiency: be able to use technology to facilitate life-long learning, to enhance leadership development, and to add value to stakeholders, customers and employers.	1e. Apply hardware and software tools to create solutions to information problems, including programming, database, and networking. [ISM 6021, 6121, 6217, 6239, 6231, 6316, 6155]	-Projects and/or examinations.	
	Ethical Framework: in their leadership role, understand that organizations operate within a global environment with a responsibility to their stakeholders to consider the organizations' impact on legal, ethical, social and environmental issues.	1f. Recognize IT security and ethical issues affecting the information systems function. [ISM 6021, 6488, 6155, 6122, 6045 6231]	-Case studies. -External practitioners and faculty. -Professional organization codes of ethics	
	Diverse Environment of Business: have a	2. Graduates and alumni will	- Case studies and	<i>Results for MAN6501.</i>

<p>broad perspective of the diverse environment of business and of the issues and challenges encountered by profit and not-for-profit entities, entrepreneurial enterprises and business functioning in a global economic environment.</p>	<p>be knowledgeable in the core areas of financial reporting, analysis and markets; domestic and global economic environments; creation and distribution of goods and services; and human behavior in organizations; and in legal, ethical, social and international perspectives that form the context for business. MAN 6501; ISM 6488; business foundation courses & electives</p>	<p>examinations</p>	<p><i>Based on feedback, changed MAN6501 to a course in Service Operations Management from Production Management. Included more Information Technology content</i></p>
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- Notes:
- ISM 6021 Management Information Systems
 - ISM 6316 Project Management
 - ISM 6155 Enterprise Systems & Integration
 - ISM 6121 Information Requirement Analysis
 - ISM 6217 Data Management
 - ISM 6239 Advanced Applications Development
 - ISM 6488 Managing the IT Function & Architecture
 - ISM 6231 IT Infrastructures & Networks
 - ISM 6488 eBusiness Infrastructures
 - ISM 6045 Implications of Information Technology

Master of Science in Computer Information Systems

College of Business

Draft 01/27/00

College of Business Mission Statement (Revised)

The Florida Gulf Coast University College of Business is dedicated to providing technologically progressive educational programs and services designed to enhance the skills and competencies of university students and working professionals in the five county region of Southwest Florida. We achieve this through a variety of flexible partnerships, programs and scholarship within a 'second circle' model that bridges the university and the domestic and international community in a technologically advanced and rapidly changing global economy.

Program Objectives (Description)

The Master of Science in Computer Information Systems (MS-CIS) will prepare graduates for leadership positions in the information technology (IT) field. The program will emphasize the life-cycle management and development of computer information systems and networks. The program will provide a solid background in information systems management, systems analysis and design, database management and administration, information systems application, data communications and networking, project and change management, electronic commerce and contemporary business practices.