

MASTER OF SCIENCE IN COMPUTER-BASED INFORMATION SYSTEMS (MSIS)

THE CURRICULUM

The curriculum for MSc.CIS consists of twenty two units (22) units divided into eighteen (18) taught units and a project equivalent to four (4) units. The courses are listed below, distributed by semester.

Course Distribution

Course Code	Course Title
MCS 8101	Information Technology Principles
MCS 8102	Programming Concepts
MIT 8201	Strategic Management
MCS 8104	Business Information Systems
MCS 8105	Database Systems
MCS 8106	Information Systems Analysis & Design
MCS 8201	Information Systems Security & Control
MCS 8202	Data Structures & Algorithms
MCS 8203	Object Oriented Programming Techniques
MCS 8204	Data Communications and Networks
MCS 8205	Marketing and Entrepreneurship Skills
MCS 8206	Information Systems Management
MIT 8311	Software Engineering Management
MCS 8302	Advanced Networking Concepts
MCS 8303	Business Ethics and Governance
MIT 8108	Research Methodology
MCS 83XX	IT Elective 1
MCS 83XX	IT Elective 2
Project (4 units)	
MCS 8400	Information Systems Project
IT Electives	
MCS 8311	Knowledge Based Systems
MCS 8312	Web Applications Development
MCS 8313	Computer Graphics
MCS 8314	Electronic Commerce
MIT 8353	Wireless Computing