

# MANAGEMENT INFORMATION SYSTEMS (MMIS)

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**MMIS 540 - Information Systems Security (3 Credits)**

Prerequisite: GBUS 525 or equivalent. This course equips students with a sound knowledge of the underlying principles of information security and provides them with the skills needed to analyze and evaluate information security problems, intrusion detection, firewalls, operational security, physical security, legal issues, steganography and Internet security. Students explore security policies and models, cryptography, security in distributed systems, including knowledge of the underlying architecture of the systems, and malware prevention disaster recovery techniques. An emphasis is placed on current issues, future directions, and research areas. This course provides a broad overview of the threats to the security of information systems, responsibilities and basic tools. A research paper or project is required. Cross listed as MIST 411.

**MMIS 570 - Special Topics (1-3 Credits)**

Prerequisite: GBUS 525 or equivalent. Selected topics reflect faculty specialization or program needs. The purpose of this course is to offer current and emerging topics of interest in the area of management information systems. May be repeated for credit with a change in topic and instructor permission.

**MMIS 590 - MIS - Research Project (3 Credits)**

Prerequisites: All core courses except MMIS 591. Students select, propose, and write a research paper on a topic related to managing information systems in today's business environment, public or private. Research is to be conducted using proven academic research methods, including data collection from actual field observations and substantiated with current literature reviews. The course culminates with an oral presentation accompanied by visual displays and research project paper.

**MMIS 591 - MIS Externship (1-6 Credits)**

Students are required to locate and study an actual information system problem within an existing organization. The student is expected to analyze the system and design a solution using current system analysis and design techniques. After obtaining appropriate permission from the organization under review, students observe and possibly participate in the organization's processes related to the area under study. Students develop a final report consisting of the requirements, design, development, and implementation for the proposed solution. The course culminates with an oral presentation accompanied by visual displays of the problem and proposed solution.