

Management Information Systems (MMIS)

MMIS 501 Business Systems: Managing the IS Enterprise 3 Credits (3,0)

Computation, communication, and information systems to solve problems and create opportunities. Enterprise system model to link suppliers, customers, and competitors.

Course Offered at: Worldwide

MMIS 506 Systems Analysis and Design of Information Systems 3 Credits (3,0)

Covers the analysis, design, and management of information systems that support organizational goals. Covers phases in the SDLC, including requirements gathering, business process modeling, and data modeling as foundations for solution design. Students apply systems thinking and agile development methods to create scalable, secure, and user-centered systems. The course equips students to analyze business processes, gather requirements, and design efficient, secure, and data-driven software systems that align with enterprise goals.

Course Offered at: Worldwide

MMIS 507 Information Systems Strategic Planning 3 Credits (3,0)

Students assess organizational strategy, technology capabilities, and external environments to develop comprehensive IS strategic plans. Focuses on alignment, innovation, governance, and measurable business value.

Course Offered at: Worldwide

MMIS 525 Cybersecurity and Risk Management 3 Credits (3,0)

Focuses on cybersecurity leadership, risk management and governance for enterprise and critical infrastructure environments. Emphasizes understanding and applying major cybersecurity frameworks to assess threats, manage vulnerabilities, and integrate risk mitigation into organizational strategy. Provides technical foundations in security controls, network protection, and incident response, preparing students to make informed managerial decisions in Information Systems that strengthen enterprise security posture.

Course Offered at: Worldwide

MMIS 599 Special Topics in Management Information Systems 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in management information systems.

Course Offered at: Daytona Beach, Prescott, Worldwide

MMIS 690 Management Information Systems Capstone 3 Credits (3,0)

Comprehensive project integrating MIS knowledge and skills. Students collaborate with faculty to complete a significant MIS project.

Course Offered at: Worldwide

MMIS 699 Special Topics in Management Information Systems 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in management information systems.

Course Offered at: Daytona Beach, Prescott, Worldwide

MMIS 845 Doctoral Seminar in Information Systems and Data Analytics in Aviation and Aerospace 3 Credits (3,0)

Latest research topics and methods in information systems and data analytics within the aviation and aerospace sectors.

Course Offered at: Daytona Beach