

MANAGEMENT INFORMATION SYSTEMS (MIS)

MIS 500 Selected Topics (1-6 Credits)

Management

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

MIS 545 Decision Support Systems (3 Credits)

Management

Concepts and models of support systems for management decision making. Systems analysis of unstructured decision problems.

Prereq: MIS 425 and 435

MIS 557 Management Information System Design and Implementation (3 Credits)

Management

Such issues as top down modular design of management information systems, testing, documentation, and implementation.

Prereq: MIS 335

MIS 558 Adv Prob Mgt Info Sys (3 Credits)

Management

MIS 625 Information Technology for Business (3 Credits)

Management

Double-numbered with MIS 325

Explores the strategic presence of information technology across business, its impact on day-to-day operations, and the risks created. Discusses effective use of information technology to improve business decision-making, revitalize business processes, and gain competitive advantage. Additional work required of graduate students.

Advisory recommendation Prereq: MBC 634

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

MIS 635 The MIS Data Base (3 Credits)

Management

Data base concepts and methods that enhance managerial decision making. Machine-user interface, data base model modularity, and integration. Criteria for file organization and data base management system selection.

Advisory recommendation Prereq: MIS 625/ISM 741

MIS 645 Implementing a Web-enabled Enterprise (3 Credits)

Management

Double-numbered with MIS 445

Identify a business opportunity, develop an e-business strategy, and design the web store. Gain hands-on experience in setting up a fully functional web store.

MIS 646 Issues in Management Information Systems (3 Credits)

Management

Issues and success factors in planning, design, development, evaluation, and use of computer based systems. Technical, managerial, and human factors influencing effective development and use of management information systems in organizations.

Advisory recommendation Prereq: MBC 634

MIS 655 Customer Relationship Management with Systems Applications and Products (3 Credits)

Management

Cross-listed with SCM 655, MAR 655

Integration of marketing, supply-chain and technology management aspects of customer relationship management. Operational, analytical and collaborative processes supported by SAP's integrated software. Actual use of SAP software, including Business Data Warehouse, with best-practice processes.

MIS 670 Experience Credit (1-6 Credits)

Management

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable

MIS 690 Independent Study (1-6 Credits)

Management

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

MIS 745 Decision Support Technologies (3 Credits)

Management

Conventional and innovative technologies for designing and implementing decision-making models. Advanced spreadsheet capabilities and add-on tools for genetic algorithms, neural networks, induced decision trees, and data mining.

MIS 930 Doctoral Seminar in Management Information Systems (3 Credits)

Management

Advanced topics and current research areas in management information systems.

Repeatable

MIS 990 Independent Study (1-6 Credits)

Management

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable