

INFM - INFORMATION MANAGEMENT

INFM600 Information Management Ecosystems (3 Credits)

Explore models and methodologies used to create, collect, process, present, store, and distribute data, information, and knowledge in a variety of settings, including individuals, groups and teams, organizations, communities, platforms and ecosystems, governments, and society. Specific topics explored in this course include but are not limited to information behavior, mental models, process modeling, data modeling, data preprocessing, descriptive statistics, information visualization, computer-supported cooperative work, media richness, enterprise systems, online communities, communities of practice, digital platform ecosystems, open data, civic informatics, smart cities, data science for social good, hype cycle, and technology landscape.

Restriction: Permission of INFO-College of Information Studies.

INFM603 Information Technology and Organizational Context (3 Credits)

Application of communication and information technologies to support work processes, including technology-enhanced communication networks, computer-supported collaborative work, decision-support systems, interactive systems, and systems analysis. Acquisition of information systems and their integration into the organization.

Restriction: Must not have completed LBSC671 or LBSC690; and permission of INFO-College of Information Studies.

INFM605 Users and Use Context (3 Credits)

Use of information by individuals. Nature of information. Information behavior and mental models. Characteristics of problems, task analysis, problem solving, and decision making. Methods for determining information behavior and user needs. Information access. Information technology as a tool in information use.

INFM612 Management of Information Projects, Programs, and Services (3 Credits)

An introduction to fundamental and leading-edge management theories and practices, and provides opportunities to develop and apply essential skills that professionals need to participate in, manage, or lead information projects, programs, and services in modern organizations, communities, and society. Specific topics explored in this course pertain to management environments (e.g., organizational culture, professional ethics, and social responsibility) and core management functions such as planning (e.g., mission and vision, goal setting, strategy, and decision making), organizing (e.g., organizational design, innovation and change management, and human resource management), leading (e.g., leadership and motivation), and controlling (e.g., quality control, budgeting, performance evaluation).

Restriction: Permission of INFO-College of Information Studies.

INFM620 Introduction to Strategic Information Management (3 Credits)

Strategic management is the comprehensive collection of tasks, activities, and processes organizations use to coordinate and align resources and actions with its mission, vision, and strategy. Due to changes occurring in our global landscape, the integration of business and technology is compelling organizations to move beyond traditional, reactive, and silo-based data management approaches to a managed, predictive approach that treats information as a strategic asset and uses it to create business value. To meet challenges of this hyper-competitive environment, this course will provide you with an introduction to the strategic management of information assets for competitive differentiation and sustained business success.

Prerequisite: INFM612; or LBSC631; or permission of instructor.

Restriction: Permission of INFO-College of Information Studies.

INFM700 Information Architecture (3 Credits)

Principles and techniques of information organization and architecture for the Web environment. Structured description of digital resources, including data modeling techniques, metadata schemes, and user-oriented navigation systems.

Prerequisite: INFM603; or permission of instructor.

Restriction: Permission of INFO-College of Information Studies.

INFM718 Selected Topics in Information Management (1-3 Credits)

Selected topics in information management.

Repeatable to: 9 credits if content differs.

INFM719 Independent Study (1-3 Credits)

Intensive individual study under faculty supervision.

Restriction: Permission of instructor; and must be in Information Management (Master's) program; and permission of INFO-College of Information Studies.

Repeatable to: 6 credits if content differs.

Additional Information: Faculty permission and Independent Study Contract required.

INFM736 Information Management Experience (3 Credits)

The Information Management Capstone Experience I and II are the culminating experience of the Master of Information Management program, taken in the students final two semesters. The capstone experience provide students with the opportunity to integrate and synthesize the knowledge and skills acquired throughout their MIM course work while working in a real world Information Management project. These courses must be taken in succession.

Prerequisite: INFM600; and INFM612; and INFM605; and INFM603. Or permission of instructor.

Restriction: Must be in Information Management (Master's) program; and permission of INFO-College of Information Studies.

INFM737 Information Management Capstone Experience (3 Credits)

The Information Management Capstone Experience I and II are the culminating experience of the Master of Information Management program, taken in the students final two semesters. The capstone experience provide students with the opportunity to integrate and synthesize the knowledge and skills acquired throughout their MIM course work while working in a real world Information Management project. These courses must be taken in succession.

Prerequisite: Must have earned a minimum of 27 credits in the MIM Program; or permission of instructor.

Restriction: Must be in Information Management (Master's) program; and permission of INFO-College of Information Studies.

INFM799 Master's Thesis Research (1-6 Credits)

Intensive individual research course under the supervision of a faculty member.

Prerequisite: INST701; or permission of instructor.

Restriction: Must be in Information Management (Master's) program; and permission of instructor; and permission of INFO-College of Information Studies.

Repeatable to: 9 credits.