INFM - INFORMATION MANAGEMENT

INFM600 Information Environments (3 Credits)
An exploration of various models and methodologies used to capture and deploy internal and external information and knowledge in a number of settings; organizational analysis in terms of information creation, flow, sharing, conservation, and application to problem solving; internal and external influences on the management of information and knowledge; various information flows; information management in a variety of settings.
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 Concepts and Principles for Information Professionals (3 Credits)
Key aspects of management - focusing on planning, organizing, leading and controlling. The evolution of management, innovative management for the changing world, management styles and leadership, managerial planning, goal setting and decision making. Ethical issues, designing adaptive organizations responding to change, global environment, diversity, and utilizing the appropriate technology to provide effective management of information programs and services.
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.

INFM711 Financial Management of Information Projects (3 Credits)
Techniques and strategies of planning and executing successful projects. Project budgets, work breakdown structures and scheduling techniques, earned value, tracking and reporting project costs, risk management, best practices, and cost/benefit analysis.
Prerequisite: INFM600; and must have completed or be concurrently enrolled in INFM612. Or permission of instructor.
Restriction: Permission of INFO-College of Information Studies.

INFM714 Principles of Competitive Intelligence (3 Credits)
Intelligence process and how to build business advantage by the collection and analysis of the capabilities, vulnerabilities, market positioning and strategic planning of competitors using open source information.
Prerequisite: INFM600; or permission of instructor.
Restriction: Permission of INFO-College of Information Studies.
Credit Only Granted for: INFM714 or INFM718W.
Formerly: INFM718W.

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.

INFM732 Information Audits and Environmental Scans (3 Credits)
Methods and techniques to monitor organizational environment to identify opportunities and threats and relate them to the strengths and weaknesses of the organization to fulfill organization information needs and their sustainability. Information audit to determine the existing information environment by assessing the information needs of the organization, determining the information currently available. Application of information audits and environmental scans in strategic information management.
Prerequisite: INFM600; or permission of instructor.
Restriction: Permission of INFO-College of Information Studies.
Credit Only Granted for: INFM730, INFM731, or INFM732.

INFM735 Internship in Information Management (3 Credits)
Introduction to information management issues in the workplace, including the knowledge, skills, and experience necessary for success in high-impact information management positions. Securing and facilitating mentor relationships, and the development of actionable professional development plans.
Prerequisite: INFM600, INFM603, INFM605, and INFM612; or permission of instructor.
Restriction: Permission of INFO-College of Information Studies.

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: INFM736; and 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.

INFM747 Web-Enabled Databases (3 Credits)
Basic methods and tools for developing dynamic, database-driven web sites. Acquiring, installing, and running web servers, database servers, and connectability applications. Developing web interfaces and application-layer components.
Prerequisite: INFM603, LBSC690, or LBSC671; and INST733. Or permission of instructor.
Restriction: Permission of INFO-College of Information Studies.
Credit Only Granted for: INFM747 or INFM718N.
Formerly: INFM718N.

INFM757 Organizational and Business Process Modeling (3 Credits)
General principles of modeling, including methods for modeling organizational and business process for information applications and strategy development. Approaches to evaluating models based on their accuracy and usefulness.
Prerequisite: Must have completed at least 9 credits in the College of Information Studies; or permission of instructor.
Restriction: Permission of INFO-College of Information Studies.
Credit Only Granted for: INFM718V OR INFM757.
Formerly: INFM718V.

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.