Department of Information Operations & Technology

P. Sundararaghavan, Interim Chair

Degrees Offered

- MBA Operations and Supply Chain Management (http://utoledo-public.courseleaf.com/graduate/business-innovation/departments-schools/department-information-operations-technology/mba-operations-management)

INFS 6050 Information Systems Fundamentals
[3 credit hours (3, 0, 0)]
This will be a crash course for MBA students wanting to concentrate in Information Systems. The student is expected to develop the basic skills needed to create computer-based applications. In addition, the student will gain an understanding of the various contemporary topics surrounding Information Systems and business.
Term Offered: Summer, Fall

INFS 6150 Business Intelligence Management
[3 credit hours (3, 0, 0)]
This course aims to give students a broad understanding of technical and business issues in data analytics. Students will gain proficiency with reporting, data visualization and prediction. Students will learn analytics techniques that is useful in areas such as marketing and forensics accounting.

INFS 6460 Management Information Systems
[3 credit hours (3, 0, 0)]
This course is designed for end-users of computers to understand and appreciate the role of information technology and end-user's role in the management of this technology in organizations.

INFS 6460 Systems Analysis And Design
[3 credit hours (3, 0, 0)]
Concepts, tools, and techniques for information systems analysis, design and development will be discussed. Contemporary methodologies for systems development including CASE tools, prototyping and RAD project work will be included.
Prerequisites: BUAD 6800 with a minimum grade of C
Term Offered: Spring, Summer, Fall

INFS 6610 Information Storage And Retrieval Structures
[3 credit hours (3, 0, 0)]
This course will analyze the concepts and methods used in the management of organizational data resources. Covers data modeling, database design, administration and architecture. Hands-on applications of database development are provided.
Term Offered: Spring

INFS 6710 Management of Information Systems Security
[3 credit hours (3, 0, 0)]
This course aims to give students a broad understanding of technical and business issues in information systems security, systems security models, analysis of process and technology in systems security and security policies leading to information assurance.

INFS 6750 Research In Information Systems, Operations Management Or Decision Sciences
[1-3 credit hours (0, 0, 0-1)]
Individual study of topics of common interest to both student and faculty member.
Term Offered: Spring, Summer, Fall

INFS 6780 ERP Systems Process Management
[3 credit hours (3, 0, 0)]
This course will provide students an overview of the fundamental business processes and examination of the application of business enterprise software using SAP. Issues include software deployment that supports transaction processing in the business supply chain. Also, students will work on various hands-on exercises including process of entire business cycle with a fictitious company and implementation of simple application with NetWeaver development platform.

INFS 6790 ERP Systems Configuration and Integration
[3 credit hours (3, 0, 0)]
This course will provide students an overview of the fundamental business processes and examination of how business processes interact with SAP ERP including the system configuration and implementation. Issues. Students will gain a deep appreciation for the role of enterprise systems in managing processes from multiple functional perspectives. Also, students will work on various hands-on exercises including configuration of a fictitious company and implementation of business rules using an enterprise system.

INFS 6810 Network Communications
[3 credit hours (3, 0, 0)]
Applications of business data communication, basic electronic communications concepts, public networks, computer networks, the Internet, network management, regulatory environment.
Term Offered: Spring

INFS 6930 Contemporary Topics Seminar
[3 credit hours (3, 0, 0)]
This seminar will focus on current topics in the fields of Information Systems and Operations Management.
Term Offered: Spring, Fall

INFS 8150 Business Intelligence Management
[3 credit hours (3, 0, 0)]
This course aims to give students a broad understanding of technical and business issues in data analytics. Students will gain proficiency with reporting, data visualization and prediction. Students will learn analytics techniques that is useful in areas such as marketing and forensics accounting.

INFS 8460 Management Information Systems
[3 credit hours (3, 0, 0)]
This course is designed for end-users of computers to understand and appreciate the role of information technology and end-user's role in the management of this technology in organizations.
INFS 8480 Information Systems Issues In Manufacturing
[4 credit hours (4, 0, 0)]
This course examines theoretical frameworks and recent empirical research of information and manufacturing technology. Emphasis will be on developing an integrative perspective of both technologies.

INFS 8710 Management of Information Systems Security
[3 credit hours (3, 0, 0)]
This course aims to give students a broad understanding of technical and business issues in information systems security, systems security models, analysis of process and technology in systems security and security policies leading to information assurance.
Term Offered: Spring

INFS 8760 IS Research Seminar I
[3 credit hours (0, 0, 3)]
This course covers the full spectrum of IS research on technology adoption models and the adoption and diffusion of innovations in information technology. We examine the Technology Acceptance Model, TAM II, the Unified Theory of the Acceptance and Use of Technology and UTAUT 2. We also examine the literature on technology acceptance beyond the dominant paradigm of technology acceptance.

INFS 8770 IS Research Seminar II
[3 credit hours (0, 0, 3)]
This course covers the rich vein of IS research that falls outside the Technology Acceptance Model or quantitative positivist research genre. These include examining questions of IT strategy and the value of IT to business firms. The value of IT to the organization has been approached using various theoretical lenses.

INFS 8930 Contemporary Topics Seminar-Outsourcing
[3 credit hours (3, 0, 0)]
The course will address issues in planning for, implementing and managing or just working in, outsourcing projects. PhD. students enrolled in 8930 will be assigned additional readings and required to complete a research paper.
Term Offered: Spring, Fall

INFS 8990 Integrative Seminar in IT
[3 credit hours (3, 0, 0)]
The seminar will investigate managerial issues in the field of information systems and technology management.
Term Offered: Spring, Summer, Fall

OPMT 6510 Project Management
[3 credit hours (3, 0, 0)]
This course deals with managing of projects in research and development, manufacturing, construction and service organizations. Students will discuss cases and use extensively a project management software.
Prerequisites: OPMT 5520 with a minimum grade of C or BUAD 3020 with a minimum grade of C
Term Offered: Fall