
INFORMATION SYSTEMS MANAGEMENT

ISM 3013, Introduction to Management Information Systems Introduction to Management Information Systems

3 hrs., 3 crs.,

The course introduces fundamental concepts and methods related to the management of information systems in organizations.

ISM 4154, Enterprise-Wide System Implementation and Administration Enterprise-Wide System Implementation and Administration

3 hrs., 3 crs.,

(Offered summer). Prerequisites: MAN3303, CTS1650. This course will expose students to key aspects involved in the implementation and operation of the r/3 system, and will provide the technical and conceptual foundation necessary for developing appropriate strategies and approaches for implementation and maintenance of an enterprise-wide system.

ISM 4302, Emerging Technologies Emerging Technologies

3 hrs., 3 crs.,

(Offered summer). Prerequisites: MAN3303, CGS1570, COP1000, COP2700. Corequisite: Permission of department chair. This course covers emerging information and communication technologies that are changing the way the business is being operated in global economy. The students will be introduced to: the assessment and risk associated with emerging technologies, how to manage emerging technologies markets and analyze emerging markets case studies.

ISM 4318, Agile Project Management Agile Project Management

3 hrs., 3 crs.,

(Offered fall). Prerequisite: CGS1103 or MAN2021. This course will cover the knowledge of agile principles and improve skills with agile techniques. Students will explore many approaches to agile such as Serum, Kanban, Lean, extreme programming (XP) and test-driven development (TDD.) A focus will be given to project management institutes (PMI) content domains for certification for agile practitioners, known as the PMI agile certified practitioner (PMI-ACP).

ISM 4323, Network Security Management Network Security Management

3 hrs., 3 crs.,

(Offered spring). Prerequisites: CTS1120, CTS1111, ISM4330. Information security in the modern organization is both a management and a technology issue. Course recognizes that technology alone cannot address all the security issues; prepares students for management and control of security of information systems in organizations; prepares students to make informed decisions regarding administration of information security infrastructure.

ISM 4330, Information Security Policy Administration and Management Information Security Policy Administration and Management

3 hrs., 3 crs.,

(Offered summer). Prerequisite: CTS1120. This course develops the information security knowledge and skills necessary for the successful management of information security technology in an organization. Students will understand an organization's information assets. Students will also learn how to develop and implement policies, procedures and standards as they relate to an information security plan. The course focuses on information classification, risk assessment, business continuity planning and enterprise security architecture, as well as the key concepts of enterprise information security planning and administration.

ISM 4548, Web Analytics Web Analytics

3 hrs., 3 crs.,

(Offered spring). Prerequisite: *DIG2100, *MAN3303. This course covers online data concepts and teaches students how to search, retrieve, visualize, and analyze online quality data from social networks and social media, website usage, and clickstream data. Students will also learn to use key metrics to assess goals and return on investment, and will perform social network analysis to identify key social actors, subgroups, and network properties in social media.
