

INFORMATION SYSTEMS MANAGEMENT (ISM)

ISM 488 Internship in Information Systems (3 Units)

Prerequisite: Permission of department chair or designated faculty member. On the job experience with public or private sector organizations. (Formerly 6500:488)

ISM 201 Introduction to E-Business (3 Units)

Prerequisite: 24 credits. Provides a broad overview of e-business strategies, products and technologies. Discusses transformation of marketing, production and other business functions; and related legal, political, ethical and cultural issues. (Formerly 6100:201)

ISM 310 Business Information Systems (3 Units)

Prerequisites: Completion of 48 credit hours and [ACCT 250 or admission to the Computer Science major]. Provides a technical and organizational foundation for understanding the use and importance of information systems and information technology in today's business environment. (Formerly 6500:310)

ISM 315 Applications Development for Business Processes (3 Units)

Prerequisites: ACCT 250 and 48 completed hours. Analysis and automation of business operations and processes. Development of applications based on a simulated enterprise-wide database. (Formerly 6500:315)

ISM 324 Database Management for Information Systems (3 Units)

Prerequisites: [ACCT 250 and 48 completed hours] or [admission to the College of Engineering and Polymer Science with 48 credit hours completed]. An introduction to database design and management, including data modeling, relational theory, Structured Query Language, and database applications, development, using database management systems. (Formerly 6500:324)

ISM 325 Systems, Analysis, & Design (3 Units)

Prerequisites: ISM 315. An introduction to the techniques of business modeling, systems design, and implementation, including the application of software engineering tools in support of modeling and code generation. (Formerly 6500:325)

ISM 420 Data Networks and Security (3 Units)

Prerequisites: Junior or greater standing and ISM 310. Principles of the design and management of data networks for business communications. (Formerly 6500:420)

ISM 425 Decision Support with Data Warehousing & Data Mining (3 Units)

Prerequisites: ISM 324 and MGMT 305. Examines managerial and technical aspects of business decision-making based on the use of data warehouses, on-line analytical processing (OLAP) and data mining. (Formerly 6500:425)

ISM 426 E-Business Application Development (3 Units)

Prerequisites: Junior or greater standing and ACCT 250. Students will gain an understanding of issues and skills related to web application design and development. (Formerly 6500:426)

ISM 427 Systems Integration (3 Units)

Prerequisite: ISM 315. The course provides an understanding of issues and underlying application integration. Topics include coverage of middleware technologies, B2B standards and XML. (Formerly 6500:427)

ISM 428 Systems Development Project (3 Units)

Prerequisites: ISM 324 and ISM 325. Pre/Corequisite: ISM 427. Implementing business objects and use cases in projects. Object persistence, object collaboration, and controller and UI designs are discussed. (Formerly 6500:428)