

BUSINESS INFORMATION SYSTEMS (BIS)

BIS-220 BUSINESS TECHNOLOGY APPLICATIONS (3 Credits)

Throughout the course students will study technology terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including but not limited to technology in the areas of word processing, use of spreadsheets, presentation software, and data visualization tools.

BIS-310 BUSINESS INFORMATION SYSTEMS (3 Credits)

A survey and overview of modern business computer information systems. The course is the foundation course for study in the field of information systems. Students will be exposed to the historic, current and projected role of information systems as they affect organizations and society. Topics will include systems theory, computing systems components, system analysis and design, information resource management/planning, telecommunications, security, database design and management, privacy, artificial intelligence, and new information technologies.

BIS-410 E-COMMERCE (3 Credits)

An overview of electronic commerce and examination of its role in the business environment. The student will study the impact of e-commerce on business models and the functional areas of the organization. Topics include electronic commerce terminology, Web-based marketing, electronic data interchange, regulations, risks and risk management. Security issues such as authentication, firewalls and payment mechanisms will also be explored.

Prerequisite(s): Take BIS-310

BIS-420 INFORMATION AND DECISION SUPPORT SYSTEM (3 Credits)

An overview of management information and decision support systems. The course covers computer resources, including hardware, software, data storage and management. User applications of a computer-based decision support system are covered. The course includes evaluation of hardware and software in the context of designing a business information system.

Prerequisite(s): Take BIS-310

Restrictions: RG.MGMT