



College of Business

Brief Course Descriptions

Bachelor of Business Administration – MIS Concentration

Course Name & Code	Brief Course Description
Principles of Management Information Systems 0506200	This course covers the fundamentals of Information Systems Management, IS strategy, techniques & trends and implementation, IS security and protection, end-user interaction and services, the use of internet and intranet, legal and ethical Issues.
Introduction to Programming Languages 0506210	This course aims at providing students with high-level user interface building blocks that allow students to rapidly create programs with professional-looking graphical interface elements, and that illustrate how familiar event-driven, real-world applications may be. More attention will be given to C++ programming.
Database Management Principles and Applications 0506320	This course covers fundamental topics of database management systems. Students will gain practical experience in planning, evaluating, and using database management system technology. This course will help to develop competence in database design at both logical and physical levels.
Business System Analysis and Applications 0506330	The course aims at providing a foundation in traditional structured analysis and design techniques, together with an introduction to object-oriented and UML based analysis and design techniques that are increasingly in use today. The basic topics that will be discussed are: requirements determination, use-case analysis, process modeling, data modeling, and various aspects of system design including design strategies, architecture design, user interface design, data storage design, and program design. Concepts in UML and object-orientation will also be examined in relation to these basic topics.
Decision Support Systems 0506370	This subject provides students with an understanding of the role of information technology in decision making in organizations, and tools/techniques available to support this process. It covers the major components of a Decision Support Systems and their applications in the organization's environment.
Knowledge Management 0506400	This course focuses on the aspects and issues of knowledge management (KM) and information systems used for knowledge management. Topics include knowledge management principles; new organizations and intellectual capital; integration of human resources, training and development, information systems, and business units to implement knowledge management strategies; and new roles and responsibilities for knowledge workers

Web Engineering 0506440	Web Engineering is the course that teaches students how to create and manage Web sites with tools such as Macromedia Dream weaver, Flash, FrontPage, Dynamic HTML, and various multimedia and CSS standards. Students will also implement the latest strategies to develop third-generation Web sites, evaluate design tools, and discuss future technology standards.
Project Management 0506450	This course provides the tools necessary to organize and select process choices, create realistic plans, and build and manage an accomplished team through every phase of the development cycle.
Business Data Communications 0506460	This course covers the major concepts of data communications and networks and their impact on the business enterprise, issues pertaining to design, development, implementation and hands-on experience with a network.
E – Business 0506470	The main focus of this course is to help students to explore the many opportunities and challenges organizations must address in order to effectively and securely market their products and services via the Internet. Web page design and construction are studied and implemented using HTML.
Data Warehousing & Data Mining 0506480	The data warehousing & data mining course aims to provide education & training for students in the data mining & data warehousing areas and their application in real problems.