# BMIS - MGMT INFORMATION SYS (BMIS)

**BMIS 6701 Management Info Systems (3 Credits)**
Role of computers in management information systems and technology as a tool for competitive advantage. Emphasis on management concerns in the construction, modification and use of computer systems. Topics include hardware, software, programming and system specification, and design techniques. Ethical issues in technology are treated. Suspended. 3 credits

**BMIS 7499 Directed Research (3 Credits)**
Individual research in the area of management information systems independent of a formal course structure. Prerequisite: permission of supervising faculty member and department chair prior to registration. 3 credits

**BMIS 7711 Data Base Systems (3 Credits)**
Introduction to the concepts of database technology. The student is provided with a broad understanding of database systems, their use by management and the major considerations in their design and implementation. Offered: Irregularly.

**BMIS 7712 Computer Programming (3 Credits)**

**BMIS 7723 System Analysis-Design (3 Credits)**
Introduction to object-oriented analysis and design. Topics covered are use-cases, analysis and design object models, interaction diagrams, sequence diagrams and unified modeling language (UML). Prerequisite: BMIS 7711. Offered: Irregularly.

**BMIS 7727 Business Telecommunication (3 Credits)**
This course provides an overview of the telecommunications industry, together with the underlying technologies and products and services offered. The subject matter also includes the role of telecommunications in businesses today and a discussion of the challenges of managing telecommunications in organizations. Experimental. Offered: Irregularly.

**BMIS 7728 Bus Modeling for Decision Supp (3 Credits)**
Businesses today operate in very complex and dynamic environments. Effective decision making under such conditions demands that managers become systems thinkers - thinkers who can build models encompassing the many factors and complex interactions that play a role in the outcomes of decisions. The course is very application oriented, and we will build and study models in several functional areas and some public policy situations as well. This course covers the area of System Dynamics and focuses on modeling techniques to enable participants to go beyond simplistic mental models and to build powerful models of business situations. These models can be simulated on a computer in order to forecast the outcomes. Such models have often been called "Business Flight Simulators." Offered: Spring. Experimental.

**BMIS 7750 Web Devl Technologies (3 Credits)**
The course will address some of the technologies used to develop Web applications. This is not a study of Web Design; rather it is an exposure to applications and techniques used to develop interactive web sites. By the end of the course, students will be able to create a web site that requires registration and login, accepts information from the user, stores information on a database, and retrieves information from the database and displays it on a web page. This will be accomplished by using HTML, Active Server Pages, and Visual Basic Script and ActiveX Data Objects. Some programming exposure is required prior to taking this course. 3 credits

**BMIS 7793 Directed Research (1 Credit)**
Individual research in the area of management information systems independent of a formal course structure. Prerequisite: permission of supervising faculty member and department chair prior to registration. 1 credit

**BMIS 7795 Directed Research (2 Credits)**
Individual research in the area of management information systems independent of a formal course structure. Prerequisite: permission of supervising faculty member and department chair prior to registration. 2 credits

**BMIS 7797 Mgmt Info System Co-op II (3 Credits)**
See Co-op Adviser. Cooperative Education courses are counted as general electives. Offered: Fall, Spring, Summer. 3 credits