BMIS - Business: Mgmt Info Systems

BMIS 211. Spreadsheet and Database Skills. 3 Credits. (3 Lec) ES
Su PREREQUISITE: M 121Q or higher math course, or placement into math level 4 or 5. Students acquire skills to build data models in MS Excel and MS Access as personal and professional decision support tools. Students also analyze model output to make effective decisions. Business problems are drawn from accounting, finance, management, and marketing applications.

BMIS 311. Management Information Systems. 3 Credits. (3 Lec) ES, Su
PREREQUISITE: Junior standing, BMIS 211, and ACTG 201. A survey of the uses of information in organizational management, with emphasis on strategic systems and systems to support managerial decision making. Students apply concepts in practical application projects using currently available software.

BMIS 314. Business Web Site Design. 3 Credits. (3 Lec)
PREREQUISITE: For business majors: formal admission to the College of Business. Students acquire skills necessary to create and implement effective business web sites. Best practices in web site design, HTML, CSS, host site selection and introductory programming are covered. Project-based course includes creating web sites for businesses or non-profit organizations.

BMIS 315. Telecommunications Management. 3 Credits. (3 Lec) On Demand
PREREQUISITE: BMIS 311. For business majors: formal admission to the College of Business. Students acquire skills necessary to understand the role that telecommunications play in organizations, how networks facilitate competitive advantage, and how to integrate technology into a corporate culture. Students create business cases for value-adding networks and telecommunications systems.

BMIS 405. Business App Development. 3 Credits. (3 Lec) On Demand
PREREQUISITE: ACTG 321R or BMIS 311. For business majors: formal admission to the College of Business. Business applications for computers. Accounting inventory, planning, and financial analysis are among the topics covered. End-user programming and prototyping will be emphasized.

BMIS 412. Design of E-Commerce Sites. 3 Credits. (3 Lec) On Demand
PREREQUISITE: BMIS 311. For business majors: formal admission to the College of Business. Study of methods and tools a system analyst uses in development of e-commerce web sites including best practices and performance metrics. Design done on networked microcomputers. Final solutions presented orally, in writing, and on the web.

BMIS 413. Contemporary Support Systems. 3 Credits. (3 Lec) On Demand
PREREQUISITE: BMIS 311. For business majors: formal admission to the College of Business. Integrand theory, application and development of information systems to support managerial decision making in semi-structured and unstructured situations. Considers spreadsheet, expert system, and/or web-based software applications to support decision making. Uses cases and project-based assignments.

BMIS 414. Data-driven Business Web Serv. 3 Credits. (3 Lec) On Demand
PREREQUISITE: BMIS 314. For business majors: formal admission to the College of Business. Design and create data-driven, web-based applications commonly found in electronic-commerce applications by combining database design and use with interactive web site creation.

BMIS 415. Mgmt of Information Technology. 3 Credits. (3 Lec) On Demand
PREREQUISITE: BMIS 405, BMIS 412, and BMGT 335. For business majors: formal admission to the College of Business. Course integrates content from the courses in the Management of Information Technology minor. The course will unite the technical knowledge and skills acquired by students with behavioral knowledge and skills necessary to effectively manage business applications of information technology.