The mission of the Department of Computer Information and Decision Management (CIDM) is to offer students rigorous and relevant programs necessary for business knowledge and technical skills to work in vibrant, technologically advanced and international environments in the fields of business computing, information technology and decision support. The CIDM faculty balances teaching and applied research, resulting in academic offerings that provide students with a relevant education and an appropriate blend between theory and practice. The department strives to create learning-centered environments that foster the acquisition of essential skills that promote an interest for personal and professional growth in its students.

The Department of Computer Information and Decision Management offers course work in information systems, business quantitative methods and decision supports. CIDM programs provide a strong foundation in business fundamentals and strategies, and managerial issues related to information technologies. Special interest is given to emerging technologies and their role as facilitators of strategic advantage in the marketplace. The department offers degree programs at the undergraduate (B.B.A. with emphasis on CIS) and graduate (M.B.A. with emphasis on CIS) levels. The department offers students comprehensive education in various dimensions of information and decision management, including database management, systems analysis and modeling, data communications and networking, web-based applications development, data warehousing, security and visualization. CIS majors differ from computer science majors in emphasizing applications of computer systems over their development and analysis. The applications are focused on complex business needs in enterprises.

The department's hi-tech, hi-touch learning environment provides a rich experience not easily duplicated, electronically linking students with computing resources. Students are able to have access to the department’s computing resources any time and from any where. The department’s faculty has a rich blend of teaching, research and industry expertise, providing students with the conceptual and practical knowledge necessary to pursue a successful career in information systems development and/or management. The CIDM department is equipped with current technologies in its computer laboratories, which are combined with classrooms.

**University Core Curriculum Requirements**

Refer to the “University Core Curriculum” section of this catalog.
Major in Computer Information Systems

(Major Code: 308)

University Core Curriculum Requirements

Refer to the “University Core Curriculum” section of this catalog. For all bachelor of business administration degree requirements, students must take ECON 2301, MATH 1324 and COMM 1321.

B.B.A. Degree Requirements

The B.B.A. degree in computer information systems has two distinct concentrations: traditional computer information systems (CIS) and decision management. The focus of the computer information systems concentration is on integrating information technology solutions and business processes to meet the information needs of businesses and other enterprises, enabling them to achieve their objectives in an effective and efficient way. The computer information systems concentration provides students a solid theoretical background in requirements analysis, business software development, design, database design, data mining, visualization, networking and web-based applications development.

The decision management concentration focuses on the essential concepts, paradigms and tools to successfully manage work processes and people in a wide spectrum of business enterprises. It prepares students for managing critical operations issues such as resource planning, quality management and assurance, productivity, business process flow improvement, data analysis, data mining, project management, systems integration, inventory planning, supply chain management, system thinking and decision support systems.

Computer Information Systems Requirements

- CIDM 1315, 2390 and 3350.
- 12 hours from CIDM 2315, 3385, 4360, 4390.
- 12 hours from CIDM 3312, 3382, 3385, 3390, 4398, 4310, 4331, 4350, 4372, 4382, 4392.
- Additional electives to total 120 hours.

Decision Management Concentration Requirements

- CIDM 1315, 2390 and 3350.
- 12 semester hours from CIDM 3310, 3342, 4310, 4331, 4343, 4352, 4358.
- Nine hours of advanced CIDM electives.
- Additional electives to total 120 hours.

Minor in Computer Information Systems

The minor in information and decision management requires CIDM 1315, 2390, 3350 and nine hours of advanced CIDM electives.