IS 3060: Systems Analysis and Design

3 Credit Hours

Prerequisite: 60 credit hours with a minimum GPA of 2.0, and Admission to the Coles College Undergraduate Professional Program or student in a Coles College Partner Program that includes this course.

An introduction to the basic concepts underlying systems analysis and design, and the application of those techniques in the development of business information systems. The student will learn how to develop information systems based on user requirements and specifications. The course will expose the students to UML and other graphic modeling processes.

IS 3080: Information Resource Management

3 Credit Hours

Prerequisite: IS 3020 and IS 3100, 60 credit hours with a minimum GPA of 2.0, and Admission to the Coles College Undergraduate Professional Program or student in a Coles College Partner Program that includes this course.

Information Resource Management (IRM) constantly strives to improve its commitment to incorporate new technologies to advance the organization. The focus of this course is on management of information systems resources, technologies and people. Covers strategic planning of information resources investments, operations, and support; management of human, technological, and financial resources; management of end-user computing; IS functional organization and the CIO; and organizing information resources for efficient and effective services.

IS 3100: Information Systems Management

3 Credit Hours

Prerequisite: [(Earned grade of "B" or higher in ACCT 2101, ACCT 2102, ECON 2105, ECON 2106 and IS 2200) or Admission to Coles College Undergraduate Professional Program] or [completion of 60 credit hours with a minimum GPA of 2.0, IS 2200, and student in a Coles College Partner Program that includes this course].

This course illustrates how to effectively use, manage, and participate in the development of information technology applications that support common business processes. This course focuses on the interdependence among an organization's management, business processes, and information systems and provides hands-on experience in developing a business information system.