INFORMATION SYSTEMS, B.S.

Program Description
This major prepares students to enter rapidly expanding fields associated with technology. This includes programming, systems analysis and design, database administration, network management, support services and training, and management of information resources. Students obtain competence both in information technology and in business theory. Thus, the curriculum combines technical content with managerial aspects of information systems. Each student’s background is complemented with basic business instruction in accounting, marketing, management, supply chain management, and finance. With business and non-business electives, the program is designed to develop necessary skills and competencies required to be an effective Information Systems professional.

Because the Harrisburg area is the center of industry and economic development for South Central Pennsylvania, students are provided with many opportunities to experience the exciting and challenging world of business through guest speakers, experiential learning, internships, and career placement.

What is Information Systems?
Information Systems (IS) is a multidisciplinary STEM-designated degree program that equips students with IS competencies and business knowledge required to plan for, design, implement, and manage digital assets to support operations and strategic management of organizations. The IS degree addresses a range of strategic, managerial, and operational activities associated with the development and use of technologies to organize, process, and apply information. Topics include application development/programming, systems analysis and design, data and information management, data/business analytics, IT infrastructure, IS management and strategy, secure information systems, and business and management theory and practice.

A STEM designated degree allows 36 months total of Optional Practical Training (OPT).

You Might Like This Program If...
- You are passionate about creating high-tech solutions to organizational and societal challenges.
- You are interested in application development and programming.
- You are curious about using business analytic methods to support business operations and management decision making.
- You are interested in leveraging current and emerging technologies to improve business processes and facilitate business transformation.