

INFORMATION SYSTEMS, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: Harrisburg

Program Description

The B.S. in Information Systems is a STEM-designated program that equips students with information systems competencies and business knowledge required to plan for, design, implement, and manage digital assets to support business operations and management of organizations. Students are empowered with digital and analytics capabilities required to leverage current and emerging technologies to help organizations achieve their strategic business objectives.

The B.S. in Information Systems builds on the business common core, which includes coursework in accounting, marketing, management, finance, and supply chain management in order to enable students to excel in future careers such as IT Consultant, Data Analyst (Data Analytics), Applications Developer, and Information Security Specialist. In addition, students in the major have the option of taking nine credits of supporting work in three specialty areas: (1) systems design; (2) data and business analytics; and (3) computing security.

What is Information Systems?

Information systems is the application of business intelligence, and design and development to resolve problems. The program is designed to help create the next generation of IS professionals who become experts in developing, applying, modifying, and strategizing technology to support IT-enabled change in organizations and achieve strategic objectives. This degree will prepare students to work with other business professionals to create platforms that integrate digital technologies to improve business processes and managerial decision making.

You Might Like This Program If...

- Your career interests intersect at business and technology.
- 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.