

# MANAGEMENT INFORMATION SYSTEMS, B.S. (BEHREND)

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**Begin Campus:** Any Penn State Campus

**End Campus:** Erie

## Program Description

The MIS major prepares students for typical IT-related jobs such as programmer/analyst, systems analyst, data analyst, database administrator, team leader, project manager, consultant, and MIS manager. Since the focus of such jobs is on the application of information technology to business problems and opportunities, the MIS curriculum integrates three main areas of study.

In the first area, students take core business courses in order to understand organizational processes and user requirements in analyzing business systems. In the second area, students take core MIS courses in the areas of database management systems, data analysis, and analytics methodologies where the focus is on learning tools, processes, and techniques required for the successful application of information technology to business problems. These core courses are supplemented with a variety of electives and required, and approved internship experience.

## What is Management Information Systems?

Management information systems lie at the intersection of business intelligence and computer programming. MIS managers apply information technology in ways that improve the efficiency and effectiveness of organizational decision-making and enterprise-wide management. This ability to save an organization time, money, and frustration by harnessing the usefulness of big data positions MIS managers to become valued members of a leadership team.

## You Might Like This Program If...

- Your career interests intersect at "business" and "technology."
- You are equally curious about accounting and coding and economics and database management.
- You are interested in pursuing concurrent education in enterprise resource planning (ERP) with SAP or Oracle.