

# MANAGEMENT INFORMATION SYSTEMS

SPECIALIZATION IN THE BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION



## CAREER OPPORTUNITIES:

MIS specialists provide technological solutions to a business firm. Armed with the knowledge of business and information technology, they develop and implement business information systems to increase the firm's competitive advantage, solve the firm's business problems, and support its business operations efficiently. MIS graduates have excellent employment opportunities in all types of organizations. The US Bureau of Labor Statistics (2006) forecasts that five of the top six fastest growing jobs through the year 2014 are in information technology.

Rank	Occupation	% Growth
1	Network Analyst	54.6%
3	Systems Analyst	48.4%
4	Software Engineer	43.0%
5	Network Administrator	38.4%
6	Database Administrator	38.2%

Although many MIS graduates begin their career as programmer/analysts, they develop their career path as business systems analyst, systems manager, project manager, information system director, and chief information officer.

## STUDENT ORGANIZATIONS:

- Students of Information System Organization (SISO) Advisor: Dr. Earl McKinney  
Phone: (419) 372-8336  
Email: emckinn@bgsu.edu

## CURRICULUM:

The MIS field forms a bridge between business and information technology. In addition to gaining knowledge of various business functions such as marketing, production, finance, and accounting, MIS students specialize by studying the following courses:

- Programming Languages
- Database
- Electronic Commerce
- IT Project Management
- Systems Analysis & Design
- Business Process Mgmt. with SAP
- Data Communication
- IT Security

MIS students may additionally major in Information Systems Auditing & Control.

## SPECIAL HIGHLIGHTS:

- More than \$55,000 in department scholarships
- Excellent paid co-op/internship opportunities
- Many local, national, and international firms recruit BGSU MIS graduates
- Check out our website at [www.bgsu.edu/business/accounting-andmanagement-information-systems.html](http://www.bgsu.edu/business/accounting-andmanagement-information-systems.html)

Check out the College of Business Administration website at [www.bgsu.edu/business.html](http://www.bgsu.edu/business.html)  
Department of Accounting and Management Information Systems

Dr. David Stott, Chair  
332 BA  
(419) 372-2767

Dr. Earl McKinney, MIS Coordinator  
337 BA  
(419) 372-8336

## MANAGEMENT INFORMATION SYSTEMS – 24 Hours

A specialization in the  
Bachelor of Science in Business Administration

Students must meet the specialization requirements in effect at the time of their admission to the BSBA degree program.

The specific requirements for the **Management Information Systems (MIS)** specialization are as follows:

<u>Courses</u>	<u>Course Name</u>	<u>Credit Hours</u>
CS 2010	Programming Fundamentals	(3)
MIS 4210	Business Data Communication and Distributed Processing	(3)
MIS 4400	Database Management	(3)
MIS 4500	Business Process Management with SAP	(3)
MIS 4710	Systems Analysis and Design	(3)

Three of the following elective courses:

MIS 4020	Windows Applications Design (GUI)	(3)
MIS 4050	Electronic Commerce	(3)
MIS 4170	Microcomputer Hardware and Software Management	(3)
MIS 4220	Information Systems Security	(3)
MIS 4600	Business Intelligence	(3)
MIS 4720	Information Systems Project Management	(3)

Students must meet prerequisites in effect at the time of course enrollment.

### **Notes:**

- A grade of "C" or better must be earned in each course taken for the MIS specialization.

Students are responsible for meeting all requirements for the BSBA including specialization requirements.