

The MIS major is designed to give the student the tools needed to develop, use, and manage computer-based systems. Training is provided in three broad areas: low-level technical skills in programming and application development; high-level design and analysis skills; and business and management skills. Students completing this program are prepared to function effectively in a variety of positions such as business application programmers, systems analysts, database administrators, and information systems managers.

What Type of Work are Related to this Degree?

- Cybersecurity
- Network/intranet administration
- Website administration
- Education and training
- Technical support
- Consulting
- Database administration
- Project management
- Systems design and maintenance
- Software development and testing
- Information systems security
- Computer operations, systems analysis
- Technical writing and training

Who Employs People with this Degree?

- Software development companies
- Financial, investment, insurance institutions
- Consulting firms
- Manufacturers
- Computer hardware and software companies
- Telecommunications companies
- Retailers
- Healthcare organizations
- Hotels and restaurants
- Educational institutions
- City, state and federal government
- Internet-related companies including browsers, search engines, and web design services

More information at ONETonline.org

General Strategies for Success:

- Professionals in this industry are excellent communicators who manage time efficiently. They are detail and big picture-oriented.
- Expect to work extended and/or irregular hours, and at times be "on call."
- Prepare to learn new information on a regular basis through online discussions, classes, conferences, and periodicals. Update your skills accordingly.
- Gain as much diverse technical experience as possible. Seek positions in computer labs, retail computer/technology stores, or as technological support for any office or business.
- Investigate technology in additional areas such as audio/visual or telecommunications. Become familiar with the integration and application of these areas to management information systems.
- Specialize in a specific area of business or industry and become familiar with the applicable software and hardware. Earn a minor in your field of specialization, i.e. biology for work with a scientific database.

Professional Associations

American Society for Information Science and Technology
 IEEE Computer Society
 International Webmasters Association
 Institute for Operations Research & The Management Sciences
 League of Professional Systems Administrators
 Association of Information Technology Professionals
 International Association of Internet Professionals
 Association for Computer Operations Management