Potential Careers

NMU’s Business Information Systems Program prepares students for employment in the following careers:

**Occupations**
- Business Professor
- Database Administrator
- E-Business Consultant
- End User Trainer
- Information Systems
- Information Technology Manager
- Interface Designer
- LAN Manager
- Network Administrator
- Software Support Technician
- Systems Analyst
- Technical Sales Representative
- Technology Consultant
- Technology Support Specialist
- Training and Development Consultant
- Web Developer

Additional Resources and Info

For Career Planning and Opportunities:
Academic & Career Advisement Center
3302.1 C.B. Hedgcock
906-227-2971
www.nmu.edu/acac

College of Business
301 Cohodas
906-227-2900
www.nmu.edu/business

For Job Search, Resume and Career Information:
Career Services
3302.3 C.B. Hedgcock
906-227-2800
www.nmu.edu/careers

For Information about NMU Student Organizations Associated with this Major Contact:
Center for Student Enrichment
1206 University Center
906-227-2439
www.nmu.edu/cse

Business Professionals of America (BPA)
www.bpa.org

Internet Resource Links:
- www.careers.org
- www.careerresource.net

For Career Information with National Organizations:
- www.iecp.org Institute for Certification of Computing Professionals
- www.aisnet.org Association for Information Systems

Current as of Fall 2015
Provided by:

The Academic & Career Advisement Center

What To Do With A Major In….

Information Systems
Information Systems

Are you interested in putting technology to work for yourself and others? Are you curious about how computer systems operate? Do you like to help others with their technical computer problems? Are you looking for a fast-paced, highly adaptive, and potentially lucrative career? If you answered “yes” to any of the above, a career in Information Systems might be for you.

Job opportunities in the technology are diverse and growing in number. Graduates of NMU’s program find employment in organizations ranging from small firms to large corporations. People-oriented career paths lead to positions as computer consultants, analysts, trainers, help desk managers, and high tech marketers. Alternate careers as software programmers, database managers, Internet specialists, and network administrators tie technical skills to the support and use of computer systems.

The curriculum offered in the Bachelor's degree properly prepare a student for their chosen career. The combination of technical training and business knowledge offered by NMU’s Information Systems program is favored by employers, and prepares students for career advancement.

Skills and Competencies

As in most other fields, strong interpersonal communication and organizational skills are a must for any professional. Other valuable skills and competencies to the Information Systems professions are: a commanding knowledge of relevant application software, technical reporting ability, the ability to work independently or with project teams, and systems design capabilities.

Course Work

This degree includes the following courses as part of the program requirements, and specific major requirements along with liberal studies and graduation requirements.

**Business Core**
- ACT 230 Principles of Accounting I (4 cr.)
- ACT 240 Principles of Accounting II (4 cr.)
- FIN 351 Financial Management I (4 cr.)
- MGT 221 Business, Law I:
  - Legal Environment of Bus. (4 cr.)
- MGT 240 Organizational Behavior & Management (4 cr.)
- MGT 325 Operations Management (4 cr.)
- MGT 344 Managerial Communication (4 cr.)
- MKT 230 Introduction to Marketing (4 cr.)

**Computer Information Systems Core**
- CIS 100 Computer Concepts (2 cr.)
- CIS 155 Software Development I (4 cr.)
- CIS 212 Computer Assisted Problem Solving for Bus. (2 cr.)
- CIS 226 Introduction to Networks and Security (4 cr.)
- CIS 250 Systems Analysis and Design (4 cr.)
- CIS 415 Systems Development Project or CIS 491 Internship (2 cr.)
- CIS 464 Database Management Systems (4 cr.)

**Choice of 12 credits from the following (12 cr.)**
(at least 8 credits must be 300 level or above)
- Any CIS Course not taken for the Core (1-8 cr.)
- MGT 355 Methods of Training (4 cr.)
- MGT 470 E-Commerce and Marketing (4 cr.)
- CS 101 Website Construction (4 cr.)
- CS 120 Computer Science I (4 cr.)
- CS 122 Computer Science II (4 cr.)

**Other Required Courses**
- EC 201, EC 202, MA 103/104/111/115/161, MA 171, PY 100, & SP 100/110/120

Detailed course descriptions can be found at [www.nmu.edu/bulletin](http://www.nmu.edu/bulletin).

General Electives Outside the College of Business
Four credit hours are required. A list of acceptable CIS courses is provided on the web.

Career Development

You should begin the resume-building process as soon as you can. The Academic and Career Advisement Center can assist you with career planning, while Career Services will help you fine tune your resume and look for jobs related to your field. In the meantime, the more hands-on experience you have, the better the chances are that you will find a job. Becoming involved in a professional related internship is a way to develop your professional skills and gain experience. Your academic course work is important as well, so be sure to maintain a high grade point average.

Additional Considerations

Potential occupations listed are only a sample of the careers available to those holding degrees in Information Systems. Some career options (especially those in education) will require schooling beyond the baccalaureate level. Internships and organizational affiliations may prove beneficial as well. In many cases, an advanced degree is required for managerial and administrative positions.

Job Outlook

The Information Systems major should be well received into the workplace with job opportunities rising at faster than average pace. A 15% growth increase is projected for this field with starting salaries right around $49,190 and opportunities abounding to make up to $120,000 with experience.