

WHAT CAN I DO WITH MY INFORMATION SYSTEMS DEGREE?



UMBC - CAREER SERVICES CENTER

NETWORK ADMINISTRATION

- ≡ LAN Specialist
- ≡ Network Administrator
- ≡ Communications Specialist
- ≡ Systems Administrator
- ≡ LAN Administrator
- ≡ LAN Analyst
- ≡ Systems Consultant
- ≡ Network Designer

SYSTEMS ANALYSIS

Management Consulting Firms, Computer Manufacturers, Computer Service Co.

- ≡ Systems Analyst
- ≡ Computer Analyst
- ≡ Programmer/Analyst
- ≡ Associate Analyst
- ≡ Systems Manager
- ≡ Digital Systems Analyst
- ≡ Associate Systems Analyst
- ≡ Assistant Analyst

DATABASE MANAGEMENT

- ≡ Database Administrator
- ≡ Data Retrieval Specialist
- ≡ Database Specialist
- ≡ Database Manager
- ≡ Data Administrator
- ≡ Data Control Manager

PRODUCT SUPPORT

Hardware/Software Manufacturers

- ≡ Service Engineer
- ≡ Computer Help Desk Technician
- ≡ Field Service Rep.
- ≡ Computer Support Specialist
- ≡ Computer Repair Specialist
- ≡ Customer Engineer
- ≡ Technical Support Rep.
- ≡ Technical Support Specialist
- ≡ Customer Support Specialist
- ≡ Software Support Specialist
- ≡ Product Support Rep.
- ≡ Systems Engineer
- ≡ Product Support Specialist
- ≡ Technical Support Analyst
- ≡ Technical Support Engineer

PROGRAMMING

Computer Service Co., Large Corp./Organizations, Software Development Firms, Computer Manufacturers

Applications

- ≡ Computer Programmer
- ≡ Applications Software Developer
- ≡ Scientific Applications Programmer
- ≡ Associate Applications Developer
- ≡ Software Development Specialist
- ≡ Information System Programmer
- ≡ Virtual Reality Developer
- ≡ Programmer Trainee
- ≡ Software Engineer
- ≡ Software Integration Engineer
- ≡ Firmware Engineer
- ≡ Process Control Programmer
- ≡ Software Engineer
- ≡ Field Systems Technician
- ≡ Applications Engineer
- ≡ Applications Programmer
- ≡ Software Developer
- ≡ Software Specialist
- ≡ Software Technician
- ≡ Applications Analyst

Data Communication

- ≡ Data Communications Programmer
- ≡ Data Comm. Analyst
- ≡ Data Communications Spec.

DATA PROCESSING MANAGEMENT

Hospitals, Educational Institutions, Manufacturing Co., Government, Financial Co.

- ≡ Data Processing Installer
- ≡ EDP Manager
- ≡ EDP Systems Sales Rep.
- ≡ Data Processing Director
- ≡ Data Processor
- ≡ Data Processing Manager
- ≡ EDP Systems Analyst

SECURITY

Data Processing Co., Banks, Credit Co., Computer Consulting Firms

- ≡ Computer Security Specialist
- ≡ Computer Security Consultant
- ≡ Security Specialist
- ≡ Encryption Specialist

INTERNET

- ≡ Web Site Engineer
- ≡ On-Line Services Sales Rep.
- ≡ On-Line Researcher
- ≡ Web Site Programmer
- ≡ Cyber Journalist
- ≡ Web Site Analyst
- ≡ Web Page Designer

DIGITAL IMAGING

Software Dev. Co., Educational Co., Publishing Co., Cable Co./TV Networks, Gov't

- ≡ Digital Graphic Artist
- ≡ GUI Designer
- ≡ Technical Director
- ≡ Special Effects Programmer
- ≡ Computer Game Programmer
- ≡ Multimedia Producer
- ≡ Computer Animator
- ≡ Interactive Multimedia Assoc.
- ≡ CD ROM Producer
- ≡ Clip Art Production Assistant
- ≡ Graphics Programmer

DOCUMENTATION / PUBLISHING

Computer Trade Magazines, Hardware/Software Manufacturers, Publishing Co.

- ≡ Technical Writer
- ≡ Technical Librarian
- ≡ Desktop Publisher
- ≡ Trade Magazine Reporter
- ≡ Documentation Specialist
- ≡ Assistant Textbook Editor

SALES

Retail Store, Manufacturer, On-line Services Co., Computer Learning Center

- ≡ Marketing Representative
- ≡ Software Buyer
- ≡ Field Sales Rep.
- ≡ Technical Sales Rep.
- ≡ Sales Engineer
- ≡ Product Evaluator

HUMAN RESOURCES

- ≡ Technical Recruiter
- ≡ Software Talent Agent
- ≡ High Tech Head Hunter

EDUCATION

In-house Departments, Computer Learning Centers, Computer Training Firms

- ≡ Computer Education Specialist
- ≡ Internet Instructional Designer
- ≡ Training Specialist
- ≡ Computer Teacher
- ≡ New Product Instructor
- ≡ Internet Instructor

KEEP IN MIND...

This list is just a brief introduction to your career options - it is *not* a complete list! Also keep in mind that although these career fields are open to you as an information systems major, you must take extra steps to prepare yourself for a competitive job market. It is important to:

- (1) **obtain relevant internship, co-op, or volunteer experience** (see CSC about their part-time, major-related job announcements; the Shriver Center about co-op, internship, and service opportunities; and Community Outreach about their volunteer programs) *and*
- (2) **supplement your information systems course work** with classes that would be relevant and beneficial to your chosen career field.

ADDITIONAL RESOURCES

Internet sites: that allow you to explore career options for an Information Systems degree:

Career Services Center - Links by Major: http://www.careers.umbc.edu/students/websites_major.php

CSC Career Resource Center (MP 212): resource guides and books related to information systems

Additional National Associations offer information of interest to information systems majors:

Institute of Electrical and Electronics Engineers (<http://www.ieee.org/index.html>)

Association for Computing Machinery (<http://www.acm.org>).