

INFORMATION SYSTEMS AND TECHNOLOGY MANAGEMENT

What can I do with this degree?

AREAS

EMPLOYERS

STRATEGIES

INFORMATION SERVICES

Database management
Indexing/abstracting
Information architecture
Online retrieval
Programming
Research

Information Services Agencies
Research Centers
Large corporations

Self Employed:
 Consulting
 Freelance editing

Research

Information services professionals provide research and services to corporations, writers or individuals needing information or references on a particular subject.

Expertise in an industry or subject area may be helpful.

Supplement undergraduate curriculum with courses in business to gain an understanding of marketing principles.

Develop excellent research, writing, and organizational skills

INFORMATION SYSTEMS CONSULTING

Database administration
Design/development
Digital preservation and curation
Information architecture
IT administrator
IT analyst
IT trainer
Management/operation
Network Administrator
Privacy regulation
Programming
Software design
System analysis
Technical support network
Web development/maintenance

Libraries:
 Public, academic and special
Data processing centers
Corporations
Software and computer companies
Financial firms
Manufacturing firms
Research centers
Government
Universities
Consulting firms

An undergraduate degree in management information systems or computer science and a masters.
Build a strong computer background in programming skills using several languages, various operating systems, database management, software, and networks.
Increase employment opportunities through product-related certification or by earning Certified Computing Professional (CCP).
Gain related experience through internships, co-ops or part-time employment.
Develop excellent analytical, decision-making, and written and oral communication skills.
Learn to work well with both technical and nontechnical staff.

AREAS

EMPLOYERS

STRATEGIES

SYSTEMS DEVELOPMENT

Planning/Analysis Design
Building/ Coding
Integration/ Testing
Operations/ Maintenance
Project Management

Most areas of business, government and non-governmental organizations:
Financial Institutions
Insurance companies
Consulting firms
Manufacturers
Computer companies
Telecommunications companies
Healthcare organizations
Hotels and restaurants
Entertainment companies
Environmental management companies
Educational institutions
City, state, and federal government

Develop excellent interpersonal skills for effective communication with technical and non-technical colleagues and clients.
Seek knowledge of industries, business areas or government agencies of interest.
Complete a minor to gain specialized knowledge related to a field of interest.
Strengthen logical thinking and problem-solving skills.
Maintain current knowledge of computer languages and technology.
Gain programming experience.
Obtain business experience through internships or part-time employment

DATABASE ADMINISTRATION

Development
Installation
Testing
Maintenance/ Support
Archiving/ Security Upgrading
Systems integration
Management

Most areas of business, government and non-governmental organizations:
Financial institutions
Insurance companies
Consulting firms
Manufacturers
Computer companies
Telecommunications companies
Retailers
Transportation Companies
Educational Institutions
Research Institutions
City, state, and federal government

Develop logical thinking skills, attention to detail and the ability to concentrate for long periods of time.
Obtain technical experience through paid or volunteer positions.
Seek general knowledge of computer languages and database management software; consider specializing in one for increased marketability.

STRATEGIES FOR PLACEMENT IN INFORMATION SYSTEMS AND TECHNOLOGY MANAGEMENT:

- Expertise in an industry or subject area may be helpful.
- Actively participate in student organizations to develop leadership skills.
- Build a strong computer background in programming skills using several languages, various operating systems, database management, software, and networks.
- Learn to work well with both technical and nontechnical staff.
- Develop logical thinking skills, attention to detail and the ability to concentrate for long periods of time.
- Seek general knowledge of computer languages and database management software; consider specializing in one for increased marketability.
- Complete a minor to gain specialized knowledge related to a field of interest.
- Strengthen logical thinking and problem-solving skills.
- Maintain current knowledge of computer languages and technology.
- Increase employment opportunities through product-related certification or by earning Certified Computing Professional (CCP).
- Gain related experience through internships, co-ops, or part-time employment.
- Develop excellent analytical, decision-making, and written and oral communication skills.