

Information Systems

Typical Career Fields:

Programming (projected growth 14% or higher) 🌟

- Programmer
- Systems Analyst
- Systems Engineer
- IT Administrator
- Webmaster
- Project Mgmt.

Systems Development (projected growth 14% or higher) 🌟

- Design Technician
- Application Engineer
- Support/Security Specialist
- Software Engineer
- Quality Assurance
- Database, Client-Server

Network Technology (projected growth 2% - 4%)

- Network Engineer
- Installation / Maintenance

Education (projected growth 8% - 14%) 🌟

- Computer Science
- Inst. Technology

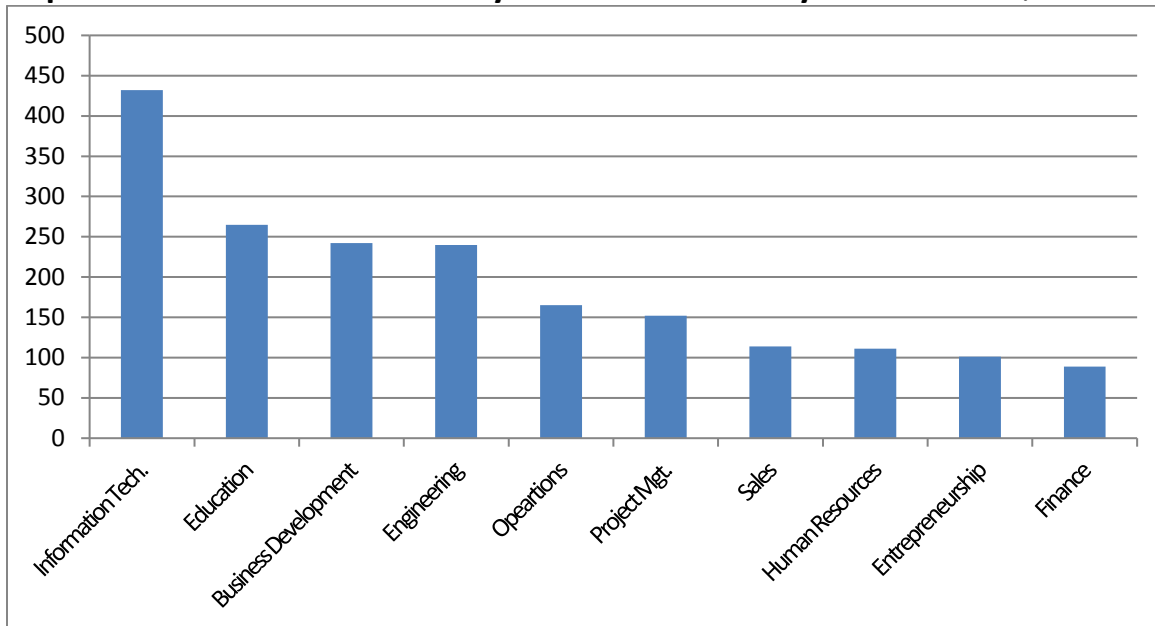
Internet (projected growth 9% - 13%) 🌟

- Programming
- Software Design
- Systems Analysis
- Web Page Design

🌟 = Bright Outlook

Source: O*NET

Top Ten Career Fields Chosen by ESU Information Systems Grads: (Source: LinkedIn)



Where Our Grads Go (top ten):

- Cerner Corporation
- Sprint
- DST Systems
- Payless ShoeSource
- Wolf Creek
- IBM
- Hewlett-Packard
- Walmart
- Dell
- SE2, LLC

View a list of required courses for this major at: <http://www.emporia.edu/sac/list-of-majors.html>

Career Services

career@emporia.edu

www.emporia.edu/careerservices

620-341-5407

Information Systems Majors

Strategies on how to become more marketable at graduation

Network Administration

- Seek work experience in university computer labs.
- Develop effective analytical and problem solving skills.
- Expect to spend a significant amount of time responding to inquiries from colleagues, customers and employees.
- Acquire strong oral and written communication skills and interest in helping others.
- Gain knowledge in a variety of computer areas including minor programming, software and hardware.
- Stay abreast of the latest technologies.
- Obtain applicable certifications such as Cisco or Microsoft.

Database Administration

- 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.
- Acquire strong communication skills to prepare for work with teams of programmers and with staff who may have limited computer training.

Web Administration

- Gain experience in web development or maintenance through part-time jobs or internships.
- Seek expertise in information architecture and usability.
- Volunteer to design web sites for student organizations or community groups.
- Learn web-related programming languages.
- Develop problem solving and creative thinking skills.
- Learn to work effectively in a team by participating in group projects or student organizations.

Systems Development

- Develop excellent interpersonal skills for effective communication with technical and non-technical colleagues and clients.
- Gain knowledge of industries, business areas or government agencies of interest. Complete a minor to gain specialized knowledge related to the field.
- Strengthen logical thinking and problem solving skills.
- Maintain current knowledge of computer languages and technology.
- Gain programming experience and specialize for increased opportunities.
- Obtain business experience through internships or part-time employment.
- Supplement program with courses such as accounting, management, human resources, consulting to increase understanding of business theory.
- Earn a graduate degree in technology or business for advanced opportunities in analysis, project management and executive operations.

Technical Support

- Display interest and ability in customer problem solving. A commitment to customer satisfaction is imperative.
- Seek work experience in university computer labs and help desks.
- Obtain general sales or customer service experience.
- Develop extensive knowledge of merchandise for retail sales positions.
- Take technical writing courses to develop skills.