

What can I do with this major?

Computer Information Science

Computing is woven into the fabric of our modern society. Consequently, career opportunities are quite diverse. They include careers in business data processing; technical careers and computer manufacturers and software companies; scientific computing careers in various types of laboratories; programming careers for applications in almost any field imaginable; and academic careers in universities, secondary schools and industry. Students can take courses in areas such as business, forensics and web design and multimedia.

Skills/Competencies Associated with CIS Majors:

- Flexibility, accuracy, good concentration
- Analytical mind, ability to think abstractly
- Ability to operate and understand computers
- Computational ability
- Problem-solving ability
- Strong quantitative skills
- Ability to make keen observations
- Ability to conduct and explain research

Related Occupations:

Actuary	Data Processing Manager	Operating Systems Programmer
Aerospace Engineer	Data Security Analyst	Operations Manager
Analyst/Programmer	Database Manager/Administrator	PC Support Specialist
Applications Programmer	Distribution Manager	Product Development Manager
Artificial Intelligence Programmer	Educator/Trainer	Product Forecaster/Estimator
Banking/Credit/Investment Manager	Employee Relations Specialist	Production Line Manager
Biometrician/Biostatistician	End-User Computing Manager	Production Manager
Communications Specialist	End-User Technician	Production Scheduler/Planner
Computer Aided Designer	Engineering Lab Technician	Production Support Specialist
Software Engineering Specialist	Entrepreneur	Software Development Specialist
Computer Animator	Environmental Technologist	Software Engineer
Computer Applications Engineer	External Auditor	Software Package Developer
Computer Consultant	Hardware Salesperson	Software Package Marketer
Computer Engineer	Hardware Service Person	Software Salesperson
Computer Facilities Manager	Information Science	Software Support Specialist
Installation & Test Specialist	Information Systems Application	Software Support Technician
Computer Marketing/Sales	Information Systems Manager	Systems Administrator
Computer Operator	Information Technology Manager	Systems Analyst
Computer Programmer	Internet Developer	Systems Consultant
Computer Scientist	Internet Marketing Analyst	Systems Engineer
Computer Service Technician	ISO 2000 Specialist	Systems Integrator
Computer Systems Hardware Analyst	LAN Manager	Systems Programmer
Computer-Aided Design Technician	Logistics Manager	Systems Technical Manager
CQI Production Manager	Magnetic Media Librarian	Technical Sales Representative
Cryptographer/Cryptologist	Materials Controller	Technical Support Representative
Data Base Analyst or Manager	Mathematician	Technical Writer
Data Communications Analyst	Media Center Manager	Technology Consultant
Data Control Administrator	Medical Systems Designer	Telecommunications Manager
Data Entry Manager	Meteorologist	User Support Analyst
	Network Administrator/Manager	Value Engineer
	On-Line Services Manager	Web Master

*This is only a partial list and not meant to limit you. Come to Career Services to explore your options further.

Strategies:

- Work in a computer store
- Develop or update Websites
- Join a computer club or organization
- Obtain an internship in field
- Strengthen interpersonal communication skills
- Offer to design a website for an organization

Resources:

College Central Network

www.collegecentral.com/gmc

Association for Computing Machinery

www.acm.org

Computer Jobs

www.computerjobs.com

O*NET OnLine

<http://online.onetcenter.org>

Computerworld Careers

www.computerworld.com/careertopics/careers

Techies

www.techies.com

IEEE Computer Society

www.computer.org/pubs/computer/career/career.htm

Occupational Outlook Handbook

www.bls.gov/oco

Association for Women in Computing

www.awc-hq.org

Dice

www.dice.com

Job Circle

www.jobcircle.com

Developer's Nest

www.developers.net

Computer Work

<http://computerwork.com>

Gwynedd-Mercy College

Career Services

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www.gmc.edu/careerservices