



What can I do with a major in Mathematics/Computer Science

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The information below describes typical occupations and employers associated with this major.

Understand that some of the options listed below may require additional training.

Moreover, you are not limited to these options alone when choosing a possible career path.

Description of Mathematics/Computer Science

A degree in Mathematics and/or Computer Science provides you with a broad base of knowledge and skills and enables you to secure attractive employment upon graduation. During your time at CBU develop strong problem solving skills that you can apply in business, science and engineering. The department also prepares you for success in graduate school should you wish to pursue an advanced degree.

In Mathematics, you can earn either a Bachelor of Arts degree or a Bachelor of Science. We also encourage you to use your electives to choose a minor in any area currently offered by Christian Brothers University. The minor allows you to acquire knowledge in an area of particular interest to you. The Computer Science program combines computer related courses from the Schools of Business, Engineering, and Sciences. You can select a program option in bioinformatics, forensics, business or engineering. Each consists of a set of carefully selected, computer related courses.

Whatever path you decide to take, the Mathematics and Computer Science faculty will guide you with dedication. They are experienced teachers and provide a rewarding academic experience for you.

Possible Job Titles of Mathematics/Computer Science (Includes Full-Time, Internships & Co-Ops)

*(*Jobs secured as reported by CBU Career Services post-graduate survey)*

Accountant	Cryptographer/Cryptologist	Numerical Analyst
Actuary	Customer Support Consultant*	Production Support Specialist
Aerospace Engineer	Data Control Administrator	Programmer*
Air Traffic Controller	Data Processing Manager	Project Manager
Analyst	Database Administrator	Psychometrist
Applications Researcher	Developer/Analyst*	Public Health Statistician
Appraiser	Econometrician	Quality Assurance Analyst
Associate Systems Developer*	Economist	Quality Control Supervisor
Auditor	EDP Auditor	Research Scientist
Bank Examiner	Engineering Analyst	Securities Broker
Benefits Administrator	Estate Planner	Senior Consultant
Biometrician/Biostatistician	Financial Advisor	Software Engineer
Budget Analyst	Firmware Engineer	Statistician
Claims Adjuster	Information Scientist	Support Specialist
College Professor	Information Specialist	Systems Administrator
Computer App. Specialist	Information Technology Engineer*	Systems Engineer
Computer Network Manager	Institutional Researcher	Systems Programmer
Computer Programmer*	Insurance Agent	Teacher*
Computer Scientist	Junior Associate*	Technical Consultant*
Consultant*	Mathematician	Technical Support Analyst
Controller	Medical Records Technician	Technical Writer
Cost Estimator/Analyst	Network Engineer	Underwriter
Credit/Loan Officer	Network Services Specialist	Web Developer

Possible Employers & Employment Settings for Mathematics/Computer Science Graduates (Includes Full-Time, Internships & Co-Ops)

(*Jobs secured as reported by CBU Career Services post-graduate survey)

Accenture*	Engineering Firms	Orkand*
Aerospace Companies	Epic Systems Corporation	Phillips
Airlines	Exemplary Software	Professional/Technical Journals
Alpha Beta Technologies	Federated Systems Group	Radiant Systems
AT&T	FedEx*	Research/Development Firms
Aspect Communications*	Federal/Government Agencies	School Systems*
Automation Intelligence	Goldman Sachs & Co. *	Security First Technologies
AutoZone*	Healthstream, Inc.*	Sharp Shooter, Inc. Research
Avtec, Inc.	Hewitt Associates	Summit Engineering Group*
Ball Aerospace & Tech Corp	Hewlett Packard	Softcard Systems
Banks (Savings/Commercial)	Home Depot	Synchronics, Inc./Raytheon*
Bloomberg LP	IBM	Test Development Corporation
Cerner Corporation	Insurance Companies	Treasury Department
CIII Consulting, Inc.*	Investment Firms	United Parcel Service
CISCO Systems	Lockheed Credit Union	U.S. Civil Service Commission
Colleges and Universities*	Lockheed Martin	U.S. Defense Department
Computer Science Corporation	Manufacturing Industries	U.S. Department of Agriculture
Conquest Technologies	MIT, Inc.	U.S. Customs Service
Consumer Affairs Commission	Motorola Inc.	U.S. Navy
DialAmerica	National Science Foundation	Utilities
Ernst & Young	NCR Corp.	Weights and Measures Office
	Oracle Computers	Worldspan

Skill Sets and Interests Associated with Mathematics/Computer Science Majors

Ability to trace problems to their sources	Anticipate and Diagnose problems
Skilled at clarifying problems or situations	Perceiving/defining cause & effect relationships
Analyzing communication situations	Problem Solving
Systematizing/organizing material	Decision Making
Organizing/classifying data	

Top Career Services Resources for Mathematics/Computer Science Majors

Career Resources Library (Buckman 207)

Handshake: <http://cbu.joinhandshake.com>

Memphis Business Journal, Book of Lists

Find out what careers you might be a fit for you using:

TypeFocus: www.typefocus.com (Access Code: CBU8998)

CBU Campus Contacts Associated with Mathematics/Computer Science

CBU School of Sciences

Cooper Wilson Center, First Floor

(901) 321-3445

Additional Resources/Contacts for Mathematics/Computer Science Majors

Association for Computing Machinery: www.acm.org

Association for Information Systems: www.aisnet.org

Institute for the Certification of Computer Professionals: www.iccp.org

Internet Society: www.isoc.org

Just Tech Jobs: www.justtechjobs.com

Programming Jobs: <http://www.prgjobs.com>

Techies Job Database: <http://www.techies.com>

American Mathematical Society: www.ams.org

The Mathematical Association of America: www.maa.org

Careers in Statistics: www.amstat.org

Internet Society: www.isoc.org