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

CBU Career Services  ●  (901) 321-3330  ●  www.cbu.edu/career  ●  career@cbu.edu

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
Actuary
Aerospace Engineer
Air Traffic Controller
Analyst
Applications Researcher
Appraiser
Associate Systems Developer*
Auditor
Bank Examiner
Benefits Administrator
Biometrician/Biostatistician
Budget Analyst
Claims Adjuster
College Professor
Computer App. Specialist
Computer Network Manager
Computer Programmer*
Computer Scientist
Consultant*
Controller
Cost Estimator/Analyst
Credit/Loan Officer
Cryptographer/Cryptologist
Data Control Administrator
Data Processing Manager
Database Administrator
Developer/Analyst*
Econometrician
Econometrician
Economist
EDP Auditor
Engineering Analyst
Estate Planner
Financial Advisor
Firmware Engineer
Information Scientist
Information Specialist
Information Technology Engineer*
Institutional Researcher
Insurance Agent
Junior Associate*
Mathematician
Medical Records Technician
Network Engineer
Network Services Specialist
Numerical Analyst
Production Support Specialist
Programmer*
Project Manager
Psychometrist
Public Health Statistician
Quality Assurance Analyst
Quality Control Supervisor
Research Scientist
Securities Broker
Senior Consultant
Software Engineer
Statistician
Support Specialist
Systems Administrator
Systems Engineer
Systems Programmer
Teacher*
Technical Consultant*
Technical Support Analyst
Technical Writer
Underwriter
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*
Aerospace Companies
Airlines
Alpha Beta Technologies
AT&T
Aspect Communications*
Automation Intelligence
AutoZone*
Avtec, Inc.
Ball Aerospace & Tech Corp
Banks (Savings/Commercial)
Bloomberg LP
Cerner Corporation
CII Consulting, Inc.*
CISCO Systems
Colleges and Universities*
Computer Science Corporation
Conquest Technologies
Consumer Affairs Commission
DialAmerica
Ernst & Young

Engineering Firms
Epic Systems Corporation
Exemplary Software
Federated Systems Group
FedEx*
Federal/Government Agencies
Healthstream, Inc.*
Hewitt Associates
Hewlett Packard
Home Depot
IBM
Insurance Companies
Investment Firms
Lockheed Credit Union
Lockheed Martin
Manufacturing Industries
MIT, Inc.
Motorola Inc.
National Science Foundation
NCR Corp.
Oracle Computers

Orkand*
Phillips
Professional/Technical Journals
Radiant Systems
Research/Development Firms
Security First Technologies
Sharp Shooter, Inc. Research
Summit Engineering Group*
Softcard Systems
Synchronics, Inc./Raytheon*
Test Development Corporation
United Parcel Service
U.S. Civil Service Commission
U.S. Defense Department
U.S. Department of Agriculture
U.S. Customs Service
U.S. Navy
Utilities
Weights and Measures Office
Worldspan

Skill Sets and Interests Associated with Mathematics/Computer Science Majors

Ability to trace problems to their sources
Skilled at clarifying problems or situations
Analyzing communication situations
Systematizing/organizing material
Organizing/classifying data

Anticipate and Diagnose problems
Perceiving/defining cause & effect relationships
Problem Solving
Decision Making

Top Career Services Resources for Mathematics/Computer Science Majors

Career Resources Library (Buckman 207)
CareerLinX: https://cbu-csm.symplicity.com/students/
Memphis Business Journal, Book Of Lists

Sign up for a free account and find out what careers you might be a fit for using:
TypeFocus: www.typefocus.com (Access Code: CBU8998)
SIGI 3: www.tinyurl.com/cbusigi

CBU Campus Contacts Associated with Mathematics/Computer Science

Dr. Johnny Holmes – Dean, School Of Sciences
Dr. Pascal Bedrossian - Chair, Professor
(901) 321-3448 - jholmes@cbu.edu
(901) 321-3441 - pbedross@cbu.edu

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.prjjobs.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