

## MATHEMATICS

**SAMPLE OCCUPATIONS** Please ask a career advisor for help in identifying resources for the following occupations and job titles. Note that some of these options may require an advanced degree.

Accounting Analyst	Hydrologist	Regulatory Analyst
Actuarial Analyst	Industrial Engineer	Research Analyst
Actuary Clerk	Information Scientist	Researcher
Actuary/Actuarial Trainee	Information Systems Analyst	Revenue Agent
Applied Mathematician	Insurance Agent	Risk Analyst
Assessor	Insurance Underwriter	Risk Manager
Astronomer	Investment Manager	Sales Manager
Auditor	Loan Counselor/Officer	Securities Analyst
Biometrician	Management Analyst	Statistical Assistant
Biostatistician	Manager, Electronic Data Processing	Statistical Research Assistant
Budget Analyst	Market and Survey Researcher	Statistician, Applied
Cartographer	Market Research Analyst	Statistician, Business & Economics
Civil Engineers	Mathematical Analyst	Statistician, Financial
Compensation/Benefits Specialist	Mathematical Science Administrator	Statistician, Mathematical
Computational Biologist	Mathematical Technician	Statistician, Opinion Polling
Computer Programmer	Mathematics Teacher	Statistician, Physical Science & Engineering
Computer Scientist	Operations Research Analyst	Statistician, Social Science
Computer Software Engineer	Physicist	Statistician, Vital
Computer Systems Analyst	Production Planner	Supervisor, Publications
Consultant	Professor	Survey Statistician
Controller	Programmer, Business Applications	Surveyor
Credit Analyst	Programmer, Technical	Technical Writer
Cryptanalyst	Project Analyst	Theoretical Mathematician
Cryptographer	Psychometrician	Traffic Technician
Data Analyst	Public Accountant	Translator, Scientific Documents
Data Base Manager	Public Health Statistician	Treasury Management Specialist
Economic Analyst	Purchasing Manager	Underwriter
Economist	Quantitative Analyst	Urban & Regional Planner
Financial Analyst	Real Estate Appraiser	Wage Analyst
Financial Manager		
Financial Services Sales Representative		

### **SAMPLE CAREER CENTER LIBRARY RESOURCES**

Almanac of American Employers VIB P55	Careers in Science IIB 19-0000 E2
Career Information Center 8 <sup>th</sup> Edition: Computers, Business and Office IIA CIC-3	College Majors and Careers: A Resource Guide for Effective Life Planning IIC AA P4
Career Information Center 8 <sup>th</sup> Edition: Engineering, Science and Technology IIA CIC-6	Computer Graphics Career Handbook IIB 27-1000 A2
Careers Encyclopedia IIA V2	Encyclopedia of Careers and Vocational Guidance IIA E6 Vol. 3
Careers for Computer Buffs & Other Technological Types IIA CF-C6	Federal Career Opportunities VIB2 U7
Careers for Number Crunchers & Other Quantitative Types IIA CF-N8	Job Choices for Science, Engineering, & Technology Students VIB C61
Careers for Scientific Types & Others with Inquiring Minds IIA CF-S3	Job Hunter's Sourcebook VIA L3
Careers in High Tech IIB 17-2000 B25	Opportunities in High Tech Careers IIB 17-2000 G6
	Opportunities in Robotics Careers IIB 17-3020 B6

For POSSIBLE electronic format for these or other related resources, use the FSU Libraries Catalog at [lib.fsu.edu](http://lib.fsu.edu); select Advanced Catalog Search: **Keywords Anywhere** = vocational And **Title Keywords** = type a specific career area (think of alternate terms to describe your career in case one doesn't give results).

## OTHER SOURCES OF INFORMATION

Choices Planner

[www.bridges.com/cpflorida/](http://www.bridges.com/cpflorida/)

eDISCOVER

[www.act.org/discover/login](http://www.act.org/discover/login)

(Obtain a User ID from a career advisor)

Encyclopedia of Careers & Voc. Guidance

IIA E6 v. 1-5

Occupational Outlook Handbook

[www.bls.gov/oco/](http://www.bls.gov/oco/)

O\*NET

[www.onetcenter.org/](http://www.onetcenter.org/)

SIGI 3

[www.career.fsu.edu/sigi](http://www.career.fsu.edu/sigi)

(Obtain a User ID from a career advisor)

## SAMPLE WORK SETTINGS

Accounting Firms

Actuarial Firms

Banks

Business Service Firms

Chemical & Pharmaceutical

Manufacturers

Colleges/Universities

Communications Services Providers

Computer Science & Software Firms

Consulting Firms

Educational Institutions

Electronics and Computer

Manufacturers

Energy Systems Firms

Engineering Firms

Financial Institutions

Government Agencies

Hospitals

Insurance Agencies

Investment Firms

Manufacturing Firms

(i.e. aerospace, drug industries)

Nonprofit Organizations

Private Organizations

Rating Bureaus

Real Estate

Research/Development Firms

Securities Firms

Technical Journals

Textbook Publishing Companies

Utility Companies

## SAMPLE PROFESSIONAL ORGANIZATIONS

American Statistical Association

Alexandria, VA

[www.amstat.org](http://www.amstat.org)

American Mathematical Society

Providence, RI

[www.ams.org](http://www.ams.org)

Association for Women in Mathematics

College Park, MD

[www.awm-math.org/](http://www.awm-math.org/)

Casualty Actuarial Society

Arlington, VA

[www.casact.org](http://www.casact.org)

Mathematical Association of America

Washington, D.C.

[www.maa.org](http://www.maa.org)

National Council of Teachers of Mathematics

Reston, VA

[www.nctm.org](http://www.nctm.org)

Society for Industrial and Applied Mathematics

Philadelphia, PA

[www.siam.org/](http://www.siam.org/)

Society of Actuaries

Schaumburg, IL

[www.soa.org](http://www.soa.org)

For other related professional organizations, use Gale's Organization through FSU Libraries database at [lib.fsu.edu](http://lib.fsu.edu); select List all Databases; select Gale's Ready Reference shelf; choose Organizations.

## SAMPLE WEB SITES

Florida State Mathematics Department

[www.math.fsu.edu](http://www.math.fsu.edu)

Florida State Student Actuarial Society

[www.math.fsu.edu/~tboles/fssas/](http://www.math.fsu.edu/~tboles/fssas/)

Math Jobs.com

[www.math-jobs.com](http://www.math-jobs.com)

Math Jobs.org

[www.mathjobs.org](http://www.mathjobs.org)

Societies, Associations and Organizations

[www.ams.org/mathweb/mi-sao.html](http://www.ams.org/mathweb/mi-sao.html)

Employment Information in Mathematics

[www.ams.org/eims](http://www.ams.org/eims)

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Available in alternate format upon request.

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