



Mathematics

This sheet has sample occupations, work settings, employers, and career development activities associated with this major. Some of these options may require additional training and career planning. You are not limited to these options when choosing a possible career path.

Sample Occupations

Accountant	Computer Systems Analyst	Loan Counselor/Officer	Revenue Agent
Actuary/Actuarial Trainee	Consultant	Management Analyst	Risk Analyst/Manager
Assessor	Credit Analyst	Manager, Electronic Data Processing	Sales Manager
Astronomer	Cryptanalyst	Market and Survey Researcher	Securities Analyst
Auditor	Cryptographer	Mathematical Analyst	Statistician
Biometrician	Data Analyst	Mathematical Science Administrator	Tax Examiner
Biostatistician	Economic Analyst	Mathematical Technician	Technical Writer
Budget Analyst	Educator	Psychometrician	Theoretical Mathematician
Cartographer	Financial Analyst	Purchasing Manager	Traffic Technician
Civil Engineer	Financial Services Representative	Quantitative Analyst	Translator, Scientific Documents
Compensation/Benefits Specialist	Industrial Engineer	Real Estate Appraiser	Treasury Management Specialist
Comptroller	Information Scientist	Regulatory Analyst	Underwriter
Computer Programmer	Information Systems Analyst	Research Analyst	Urban & Regional Planner
Computer Software Engineer	Investment Manager		Wage Analyst

Sample Work Settings

Accounting Firms	Computer Science & Software Firms	Government Agencies	Rating Bureaus
Actuarial Firms	Consulting Firms	Hospitals	Real Estate
Banks	Educational Institutions	Insurance Agencies	Research/Development Firms
Business Service Firms	Electronics and Computer Manufacturers	Investment Firms	Securities Firms
Chemical & Pharmaceutical Manufacturers	Energy Systems Firms	Manufacturing Firms (i.e., Aerospace, Drug Industries)	Technical Journals
Colleges/Universities	Engineering Firms	Non-Profit Organizations	Textbook Publishing Companies
Communication Service Providers	Financial Institutions	Private Organizations	Utility Companies

Sample Employers

A sample of organizations that have hired students with a concentration in mathematics.

Crowe Horwath LLP	Florida Public Service Commission	Oak Ridge National Laboratory	Ernst and Young LLP
Deutsche Bank		Protiviti	

Connecting Majors, Skills, and Occupations

- View learning outcomes associated with your major in the *FSU Undergraduate Academic Program Guide* Learning Compact: www.academic-guide.fsu.edu/
- Explore the connection between occupations and skills in O*Net: www.onetonline.org
- Use the FSU Career Portfolio to document transferable skills you develop through your major and other experiences: www.portfolio.fsu.edu
- Use ProfessoNole to learn more about industry demands, career expectations, and opportunities from professionals: www.career.fsu.edu/professionole

Sample Career Center Library Resources

Sample Books

A Career in Statistics: Beyond the Numbers.....IIB 15-2041 H3	Careers for Scientific Types & Others
A Mathematician's Survival Guide.....IIC MT K7	with Inquiring Minds.....IIA CF-S3
Career Information Center 8th Edition:	Careers in High Tech.....IIB 17-2000 B25
Engineering, Science and Technology.....IIA CIC-6	Careers in Science.....IIB 19-0000 E2
Careers for Number Crunchers & Other	High Paying Careers in STEM.....IIB 19-1000 D3
Quantitative Types.....IIA CF-N8	Unlocking Your Brilliance.....IG4 P8

Self-Exploration and Career Information

To explore values, interests, and skills:

To explore occupational outlooks and salaries:

FOCUS 2

www.career.fsu.edu/Students/Plan-Your-Career/Explore-Majors-and-Careers/FOCUS2

Sigi3

www.career.fsu.edu/sigi

(Obtain a User ID from a Career Advisor)

National Compensation Survey

www.bls.gov/ncs/

Occupational Outlook Handbook

<http://www.bls.gov/ooh>

Salary.com

www.salary.com

SeminoleLink

www.career.fsu.edu/seminolelink

See additional resources in Career Center Advising Module Sheets:

www.career.fsu.edu/Resources/Module-Sheets

Sample Websites

Actuary.com

www.actuary.com

Florida State Mathematics Department

www.math.fsu.edu

MathJobs.com

www.mathjobs.com

MathJobs.org

www.mathjobs.org

Sample Professional Organizations

American Statistical Association -
Alexandria, VA

www.amstat.org

American Mathematical Society -
Providence, RI

www.ams.org

Association for Women in Mathematics -
College Park, MD

www.awm-math.org

Casualty Actuarial Society - Arlington, VA

www.casact.org

Mathematical Association of America -
Washington, DC

www.maa.org

National Council of Teachers of
Mathematics - Reston, VA

www.nctm.org

Society for Industrial and Applied
Mathematics - Philadelphia, PA

www.siam.org

Society of Actuaries - Schaumburg, IL

www.soa.org

For other related professional organizations, go to FSU Libraries database at lib.fsu.edu; select Find a Database; search for Gale Databases; choose Associations Unlimited.

Additional Information

Florida State University Career Guide

www.career.fsu.edu/Resources/Career-Guides

Career Guides by Topic

www.career.fsu.edu/Resources/Career-Guides

Library Links

www.career.fsu.edu/Resources/Career-Center-Library

Steps to Career Success

www.portfolio.career.fsu.edu/stepstocareersuccess/index.html