

The following is a sample of occupational titles and work settings related to Mathematics.

Keep in mind that career options are not dictated solely by choice of major.

Just as there are many careers open to graduates of any major, there are many paths to careers that do not require a specific degree. Use this information as a beginning guide to exploring options.

Sample Job Titles:

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

Possible Professional Settings:

- Accounting Firms
- Actuarial Firms
- Banks, Savings & Commercial
- 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
- High Tech Firms
- Hospitals
- Industries, Manufacturing
- Insurance Agencies
- Investment Firms
- Manufacturing Firms
- Market Research Companies
- Nonprofit Organizations
- Private Organizations
- Rating Bureaus
- Real Estate
- Research & Development Firms
- Securities Firms
- Technical Journals
- Test Development Companies
- Textbook Publishers
- Utility Companies

Resources:

The following lists are samples of resources available for learning more about majors and careers.

Websites Related to this Field

- Actuary.com: www.actuary.com
- Math Jobs.com: www.mathjobs.com
- Math Jobs.org: www.mathjobs.org
- Be An Actuary: www.beanactuary.org

Professional Associations - Samples

- American Mathematical Society: www.ams.org
- American Statistical Association: www.amstat.org
- Association for Women in Mathematics: www.awm-math.org
- Casualty Actuarial Society: www.casact.org
- Mathematical Association of America: www.maa.org
- National Council of Teachers of Mathematics: www.nctm.org
- Society for Industrial and Applied Mathematics: www.siam.org
- Society of Actuaries: www.soa.org

General Career Information

- Washington Occupation Information System: www.wois.org Site Key: KTX478
- Occupational Outlook Handbook: www.bls.gov/oco
- The Occupational Information Network, (O*Net): www.onetcenter.org

SPU Resources

- Mathematics Department Website: <http://spu.edu/depts/math/index.htm>
- Major & Career Exploration (GS 2001 - 2 credits, offered every quarter)
- Career Counseling: call 206.281.2485 or stop by the Center for Career and Calling on the second floor of the SUB
- Academic Advising: www.spu.edu/depts/sas
- Academic Catalog: www.spu.edu/academics.aspx
- On Track Degree Planner: <http://spu.edu/academics/on-track-degree-planner/>

* Websites are current as of September 2011. If any go inactive, please let us know.

Center for
Career
and Calling