



Mathematics

Government and industry need skilled mathematicians to formulate and solve problems in operations research, quantitative analysis, computer systems market research and commercial surveys. Mathematic jobs include work related to statistics, computer science, actuarial work, economics, and engineering. The employment opportunities are best for graduates with advanced degrees in applied mathematics.

Entry Level Positions

- Actuary/statistician
- Computer programmer
- Engineer
- Accountant
- Math teacher/tutor
- Financial analyst

Further Education/Experience Required

- Operations researcher
- Applied mathematician
- Mathematical researcher
- Statistical analyst
- Mathematical professor
- Economists

Check the Dictionary of Occupational Titles at www.bls.gov for additional related careers.

Enhancing Employability

Participate in accounting and financial internships, informational interviews, and join related professional affiliations. Work at a math tutor part-time during undergraduate years.

Employers of Mathematics Major

- Schools/Academia
- State/federal government
- Colleges/universities
- Engineering firms
- Banks and investment firms
- Technical journals
- Insurance agencies
- Business and industry
- Utility companies
- Research and development firms

Professional Associations and Affiliations

Actuarial Job Search
www.ActuaryJobs.com

American Mathematical Society
www.ams.org

American Statistical Association
www.amstat.org

Be an Actuary
www.BeAnActuary.org

Careers in Math
www.coolmath.com/careers.htm

Mathematical Association of America
www.maa.org/

Society of Actuaries
www.soa.org

Society for Industrial and Applied Mathematics
www.siam.org