

## Mathematics

### Transferable Skills

A liberal arts degree in general, reflects a comprehensive education emphasizing analytical skills, critical thinking and communication skills; abilities in high demand for all employers. Concentrating your studies in a major allows you to also gain specific transferable skills of interest to particular employers and industries.

Graduates with a major in Mathematics are attractive to employers due to their abilities in the following areas:

- Ability to analyze problems and make appropriate decisions
- Ability to conduct and explain scientific research
- Ability to organize, memorize, and present complex information
- Ability to think abstractly, identify and articulate patterns, and describe common themes
- Ability to think logically and critically and make analogies
- Ability to understand and use algorithms and complex processes
- Ability to work well under pressure
- Ability to work with numbers and data
- Accuracy and attention to detail
- Computer literacy
- Patience, persistence, and perseverance

### Range of Example Positions held by Mathematics majors:

Please note that some of these positions require an advanced degree. For more information and descriptions of these careers, visit [O\\*NET On-line](#).

- Accountant
- Actuary
- Advertising Executive
- Architect
- Astronomer
- Auditor
- Brand/Product Manager
- Budget Analyst
- Buyer
- Cartographer
- Commercial Banker
- Computer Engineer
- Consultant
- Cost Engineer
- Economist
- Financial Analyst
- Fundraiser
- Health Care Administrator
- Hotel Manager
- Human Resources Manager
- IRS Agent
- Information Systems Analyst
- Institutional Researcher
- Investment Banker
- Inventory Controller
- Journalist
- Lawyer
- Mathematician
- Meteorologist
- Operations Manager
- Risk Analyst
- Sales Manager
- Securities Trader
- Software Designer
- Statistician
- Surveyor
- System Analyst
- Teacher
- Technical Writer
- Underwriter
- Wage Administrator
- Writer

### Professional Associations

Professional associations or organizations can be a great way to meet, learn from and network with professionals in your field of interest. Inexpensive student memberships are often available. These are only a sampling of professional associations. Be sure to search for others that may be applicable or helpful.

- [American Mathematical Association](#)
- [American Statistical Association](#)
- [Association for Women in Mathematics](#)

- [Mathematical Association of America](#)
- [National Council of Teachers of Mathematics](#)