

What Can I Do With a Major in Mathematics?

Possible Career Options

(some career options could require advanced study)

Actuary Administrator
 Aerodynamics Specialist
 Air Traffic Control Specialist
 Computer Programmer
 Consumer Credit/Loan Officer
 Contract Administrator
 Cryptographer
 Database Administrator
 Economist
 Educational Mathematics Specialist
 Engineering Analyst
 External Auditor
 Financial Investment Analyst
 Hydrologist
 Inventory Control Specialist
 Management Accountant
 Market Research Analyst
 Mathematician
 Mathematics Editor
 Math Teacher
 Media Buyer
 Meteorologist
 Operations Research Analyst
 Production Manager
 Statistician
 Systems Analyst
 Technical Writer
 Tool & Die Maker
 Treasury Management Specialist
 Underwriter
 Weight Analyst

Transferable Skills

Makes sound judgments and decisions to solve quantitative problems

Communicates well both orally and in writing

Has an appreciation for accuracy and detail

Understands both concrete and abstract mathematical concepts

Organizes, analyzes, and interprets numerical data

Makes critical observations

Conducts and clearly explains scientific research

Thinks logically, critically, and analytically

Employment Sites

Past interns and graduates have worked at:

AEP Energy Services
Akron City School Board
Ashland Junior High School
Ashland University
AT&T Company
Bellefontaine City School Board
Bellevue High School
Benjamin Logan School Board of Education
Blue Cross and Blue Shield Co.
Central Ohio Technical College
Chemical Abstract Service Co.
Clear Fork Valley Schools
Clearview High School
Cornell University
Coshocton City School Board
Defense Finance and Accounting Services
Dow Chemical Company
Eastern Michigan University
Eastman Kodak Company
Electronic Data Systems Company
Fort Myers Middle School
General Electric Company
Global Technology Services Group
Great Central Insurance
Hillsdale High School
Information Systems Research Inc.
Jackson High School
Lexington High School
Licking Heights High School
Los Rios Community College
Madison High School
Manhattan College
Marion L. Steele High School
Marysville High School
McKinley High School
Mennonite Mutual Aid Insurance
Metaphase Technology Inc.
Mohican Youth Center
Mount Vernon Middle School
NASA
Nationwide Insurance Co.
Nordon Hills Board of Education
Nova Machine Products
Parma City Board of Education
Progressive Insurance
Qwest Communications
Shelby High School
Smithville High School
St. Peter's High School
State Farm Insurance Co.
The Timken Company
United States Air Force
University of Akron
Lash Jesuit High School
Washington Court House City School
West Holmes High School
Western Reserve Insurance Group
Willard High School
Wooster City School Board

Experiential Education

Tutoring students in math concepts and skills

Serving as counselor for summer math camp

Calculating risk potential of insurance policies in actuarial department

Performing statistical analysis for data from research experiments

Performing mathematical consulting with local businesses

Additional Resources

Burnett, Rebecca, (2002), *Careers for Number Crunchers & Other Quantitative Types*, VGM CareerBooks: Chicago, IL.

Careers in Mathematics, (pamphlet), Mathematical Association of America.

Decotis, Ruth J. and Lambert, Stephen, (1999), *Great Jobs for Math Majors*, VGM Career Horizons: Chicago, IL.

Occupational Outlook Handbook, (2002-03), US Department of Labor.

Sterrett, Andrew, (1996, ed.), *101 Careers in Mathematics*, Mathematical Association of America.

