WHAT CAN I DO WITH MY MATHEMATICS DEGREE?

SEcurities / MOney MANagEMEnT / FINANCE
Brokerage Firms, Discount Brokerage Houses, Banks, Insurance Co., SEC, Pension Funds
- Commodity Analyst
- Commodity Broker
- Mutual Fund Analyst
- Sales Representative
- Securities Analyst
- Securities Sales Rep.
- Trader/Floor Broker
- Financial Planner
- Ratings Agency Analyst
- Financial Analyst
- Stockbroker
- Investigator Trainee
- Portfolio Manager
- Junior Financial Analyst

INsurance
- Actuary
- Claims Representative/Examiner
- Service Representative
- Claims Adjudicator
- Insurance Agent
- Field Representative
- Underwriter

CRYPTOGRAPHY
Banks, Cable Co., Intelligence Agencies
- Cryptographer
- Cryptologist
- Cryptanalyst

ACOUNTING
Public / Private Accounting Firms, Government
- Junior Accountant
- Auditor
- Tax Investigator

OPERATIONS RESEARCH / MODELING
Consulting Firms, Large Corporations, Government, Research Organizations
- Research Assistant
- Analyst Assistant
- Market Forecaster

ACTUARIAL SCIENCE
Pension Funds, Insurance Co., Large Corporations
- Actuary
- Risk Specialist
- Risk Analyst

STATISTICS
Research Organizations / Institutions, Government, Public Policy Organizations, Corporations
- Statistician
- Demographer
- Survey Researcher
- Public Opinion Surveyor
- Biostatistician
- Food Product Statistician
- Pollster
- Sports Statistician
- Public Health Statistician
- Quality Control Technician
- Numerical Analyst

BANKING / REAL ESTATE
Commercial Banks, Savings & Loans, Credit Unions, Government
- Branch Assistant Manager
- Operations Manager
- Customer Service Representative
- Mortgage Banker/Officer
- Real Estate Analyst/Broker
- Assistant Loan Officer
- Management Trainee
- Credit Counselor
- Appraiser
- Trust Officer
- Systems Consultant
- Credit/Collections Manager
- New Accounts Representative
- Mortgage Broker

MANUFACTURING - PURCHASING & MATERIALS MANAGEMENT
- Operations Research Analyst
- Inventory Manager
- Assistant Quality Assurance Manager
- Industrial/Wholesale Buyer
- Quality Assurance Analyst
- Assistant Buyer
- Line Supervisor
- Purchasing Agent
- Purchasing Price Analyst
- Weight Engineer
- Traffic Manager
- Production Manager
- Contract Agent/Manager
- Cost Estimator
- Weight Analyst
**GOVERNMENT**

*Local, State and Federal Agencies - Legislative and Executive Branches*
- Contract Administrator
- Budget Analyst
- Congressional/Legislative Aide
- Math Technician
- Researcher/Statistician
- Procurement Officer
- Legislative Research Asst.
- Geodesist
- Public Affairs Officer
- Financial Assistant
- Records Management Analyst

**EDUCATION**

*High Schools, Colleges, Universities*
- Teacher
- Admissions Counselor
- Financial Aid Counselor

**COMPUTER SCIENCE**

- Data Processing Manager
- Software Development Specialist
- Technical Support Representative
- Data Control Manager
- Database Manager
- Technical Sales Rep.
- Applications Programmer
- Software Support Specialist

**HUMAN RESOURCES**

*Businesses, Non-Profits, Employment Agencies, Government Agencies*
- Payroll Officer
- Benefits Administrator
- Technical Recruiter
- Compensation Administrator
- Job Classification Specialist

**ADVERTISING / MARKETING / PUBLISHING**

- Marketing Research Analyst
- Research Assistant
- Consumer Survey Supervisor
- Pollster
- Assistant Textbook Editor
- Market Forecaster

**KEEP IN MIND...**

This list is just a brief introduction to your career options - it is *not* a complete list! Also keep in mind that although these career fields are open to you as a mathematics major, you must take extra steps to prepare yourself for a competitive job market. It is important to:

1. **obtain relevant internship, co-op, or volunteer experience** (see CDC about their part-time, major-related job announcements; the Shriver Center about co-op, internship, and service opportunities; and Community Outreach about their volunteer programs) and
2. **supplement your mathematics course work** with classes that would be relevant and beneficial to your chosen career field.

Make an appointment with a career advisor for suggestions on researching your career options, choosing a career field, and preparing for your chosen occupation.

**ADDITIONAL RESOURCES**

*Internet sites:* that allow you to explore career options for Mathematics degree:
- Career Development Center - Links by Major: [http://www.careers.umbc.edu/students/websites_major.php](http://www.careers.umbc.edu/students/websites_major.php)

**CDC Career Resource Center (MP 212):**
- Careers for Number Crunchers and Other Quantitative Types

**National Associations** offer information of interest to mathematics majors:
- Mathematical Association of America ([http://www.maa.org](http://www.maa.org))
- Society for Industrial and Applied Mathematics ([http://www.siam.org](http://www.siam.org))
- Association for Women in Mathematics ([http://www.awm-math.org](http://www.awm-math.org))
- American Association for the Advancement of Science ([http://www(aaas.org](http://www.aaas.org))