Careers in Mathematics

Presented by
Career Services
The University of Toledo
Occupations today require a college educated individual who can...

- Write and speak well
- Solve problems
- Learn new information quickly
- Work well with others on a team
College graduates use their education in a wide variety of fields...

Your future career may relate more to your
- **Personal career interests**
- **Work values**
- **Transferable skills**

than any specific academic major.
Related Skills for Mathematics Majors

- Problem solving
- Organizational skills
- Numerical computation
- Ability to analyze & interpret data
- Critical thinking
- Computer literacy
- Logical thinking
- Team skills
- Efficient
- Systemizing skills
- Advanced quantitative skills
- Testing skills
- Visualization of geometric forms
Related Skills for Majors

- Evaluate information and sources
- Critical thinking skills
- Develop market research
- Measure media effects
- Planning and managing skills
- Work with deadlines
- Work independently

- Attention to details
- Work in teams / small groups
- Identify and manage different needs of individuals, groups, etc.
- Understand institutional and cultural values
Related Career Titles for Mathematics Majors

- Account Executive
- Paralegal
- Retail Manager
- Personnel Specialist
- Insurance Agent/Broker
- Technical Writer
- Customer Service Representative
- Events Planner
- Recruiter
- Fashion Merchandiser
- Restaurant Manager
- Bank Officer
- Print Production Coordinator
- Manager-Administrator
Related Career Titles for Mathematics Majors

- Administrator
- Educational Tester
- Student Services Specialist
- Audio/Visual Specialist
- Guidance Counselor
- Teacher
- Mediator
- Instructional Program Designer
- Speech Pathologist
- Development Officer/Fund Raiser
- Educational Consultant
- Spokesperson for Education
Significant Points

- A doctoral degree in mathematics usually is the minimum education needed, except in the Federal Government.
- Employment is expected to decline because very few jobs with the title mathematician are available.
- Master’s and Ph.D. degree holders with a strong background in mathematics and a related discipline, such as computer science or engineering, should have good employment opportunities in related occupations.
Earnings

- Median annual earnings for salaried public relations specialists were $34,550 in 1998.
- The middle 50 percent earned between $26,430 and $46,330.
- The lowest 10 percent earned less than $21,050, and the top 10 percent earned more than $71,360.
Advertising, Marketing, and Public Relations Managers

Earnings

- Median annual earnings of advertising, marketing, promotions, public relations, and sales managers in 1998 were $57,300.
- The middle 50 percent earned between $38,230 and $84,950 a year.
- The lowest 10 percent earned less than $28,190 and the highest 10 percent earned more than $116,160 a year.
What can you do to increase your chances of getting a job?

- Develop public speaking skills, computer (keyboarding) skills, and networking skills.
- Compete with campus debate/forensics teams or Toastmasters.
- Get involved with the campus radio/TV stations or newspaper.
- Work as a paraprofessional in campus offices such as admissions, orientation, leadership, career services, health & wellness, public information, etc.
Resources

  (http://www.bls.gov/oco/home.html)
- What Can I Do With a Major In…? The University of North Carolina at Wilmington Career Services
  (http://www.uncwil.edu/stuaff/career/Majors/)
Career Services

- Career counseling
- Career information
- Resume writing
- Internships, Jobs

www.student-services.utoledo.edu/career
Student Union 1532
530-4341