

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**
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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
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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
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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
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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
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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.
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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.
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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.
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What can you do to increase your chances of getting a job?

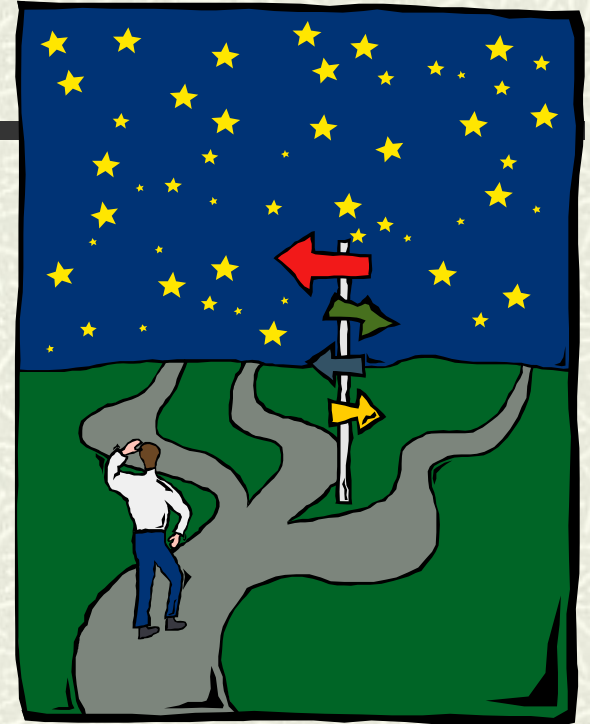
- # Develop public speaking skills, computer (keyboarding) skills, and networking skills.
 - # Compete with campus debate/forensics teams or Toastmasters.
 - # Get involved with the campus radio/TV stations or newspaper.
 - # Work as a paraprofessional in campus offices such as admissions, orientation,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

- # **Occupational Outlook Handbook, 2000-2001 Edition**
(<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/>)
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Career Services

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



www.student-services.utoledo.edu/career

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