



MATHEMATICS

College of Arts and Sciences
www.aus.edu/cas



If you think that a math degree is only good for teaching math, think again. Mathematics is everywhere; it is utilized in government departments, insurance agencies, research institutions, engineering and management firms, IT firms and financial institutions. A degree in mathematics can open the door to exciting career opportunities and allow you to pursue further graduate studies in mathematics, engineering, business, finance and computer science.



Possible Career Options

- Actuary
- Budget Analyst
- Computer Animator
- Data Analyst
- Data Scientist
- Economic Analyst
- Educator
- Financial Analyst/Advisor
- IT Professional
- Materials Scientist
- Quality Control Manager
- Researcher
- Statistician
- University Professor



Possible Employers

- Banks
- Economics Consulting Firms
- Financial and Investment Agencies
- Government Agencies
- High Schools
- Insurance Agencies
- Research Centers
- Universities
- Engineering and Management Firms
- Computer and Software Companies



Skills Required

- Problem solving ability
- Ability to think critically
- Attitude for mathematical reasoning
- Ability to be analytical
- Ability to use logic and scientific reasoning
- Ability to communicate mathematical information



Personal Attributes

- Creative
- Analytical
- Interested in working with faculty and students
- Curious
- Self-confident
- Achievement-oriented



Ways to Get Experience

- Doing an internship
- Working with advisor on a senior project
- Work part-time with faculty as a teaching assistant/with students
- Attending mathematics conferences and seminars