

## CAREERS FOR MATH MAJORS

- Mathematician
  - <http://stats.bls.gov/oco/ocos043.htm>
- Operations Research Analyst
  - <http://stats.bls.gov/oco/ocos044.htm>
- Actuary
  - <http://stats.bls.gov/oco/ocos041.htm>
  - [www.beanactuary.org](http://www.beanactuary.org)
- Statistician
  - <http://stats.bls.gov/oco/ocos045.htm>
  - [www.amstat.org](http://www.amstat.org) – Follow the link to the “Career Center”
- Teacher
  - <http://www.bls.gov/oco/ocos066.htm>
  - <http://www.bls.gov/oco/ocos069.htm>

## **RELATED FIELDS**

- Computer Science
  - <http://stats.bls.gov/oco/ocos110.htm>
  - <http://www.bls.gov/oco/ocos042.htm>
  - <http://www.bls.gov/oco/ocos267.htm>

## **FOR MORE INFORMATION**

- The University of Tennessee has a web site with information on industries that employ math majors, strategies for gaining employment, and links to more information:
  - <http://career.utk.edu/students/majors/pdf/mathematics.pdf>
  - <http://career.utk.edu/students/majors/links/mathematics.htm>
- Employment profiles of people with Bachelor’s degrees in math - <http://www.ams.org/early-careers/>
- Mathematical Sciences Career Information - <http://www.ams.org/careers/>
- Site of the American Math Society on resources for undergraduates in mathematics - <http://www.ams.org/employment/undergrad-resources.pdf>
- Site of the Association for Women in Mathematics, located at the University of Maryland, College Park - [www.awm-math.org](http://www.awm-math.org)
- A streaming video on careers in mathematics - <http://www.msri.org/ext/CareersInMathematics.html>
- Biographies of women in mathematics - [www.agnesscott.edu/lriddle/women/women.htm](http://www.agnesscott.edu/lriddle/women/women.htm).

**Key Points** (adapted from <http://career.utk.edu/students/majors/html/mathematics.htm>):

- Take advantage of programs offered by Counseling and Career Services. Visit [www.howardcc.edu/career](http://www.howardcc.edu/career) for a list of upcoming programs.
- Develop skills that are valued by employers, including critical thinking, problem solving, computer and quantitative skills, commitment to accuracy, the ability to work well in teams, and attention to detail.
- A bachelor’s degree is often sufficient for entry-level positions, but an advanced degree may open the door to more upper-level opportunities.

## Careers for Math Majors (continued)

- ❑ Pair a strong background in mathematics with another technical discipline such as computer science or engineering.
- ❑ Gain experience through volunteering, internships, and part-time or summer jobs.
- ❑ Supplement curriculum with courses in business, economics, computers, or statistics for increased job opportunities.
- ❑ Maintain a high grade point average.
- ❑ Build relationships with faculty for career information, contacts, and letters of recommendation.
- ❑ Join related student professional associations and seek leadership positions.
- ❑ Conduct informational interviews with professionals in areas of interest to enhance knowledge and make contacts.
- ❑ Stay informed of new developments and current trends in the field.