

I'm majoring in

APPLIED MATHEMATICS



DEGREES OFFERED AT UTEP

Undergraduate

- **B.S. in Mathematics (with Secondary Teaching Certification in 8-12 Mathematics or 8-12 Mathematics and Physics; concentrations in Actuarial Sciences, Statistics) B.S. in Applied Mathematics**
- **B.A. in Mathematics**

Master's

- **M.S. in Mathematics**
- **M.S. in Applied Mathematics**
- **M.S. in Statistics**
- **M.A. in Teaching (major in Mathematics)**

What can I do with this major?



- **Applied Mathematician**
- **Associate Consultant**
- **Astronaut**
- **Astronomer**
- **Benefits Specialist**
- **Biomathematician**
- **Biometrician**
- **Biostatistician**

[Complete list here](#)

Internship
Opportunities

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Organizations

Professional
Organizations

Online
Resources

Major Related
Sites

Related
Occupations



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Internship Opportunities

- **American Mathematical Society**
<http://www.ams.org/programs/students/undergrad/emp-internships>
- **Internships.com**
<http://www.internships.com/search/posts?Keywords=math&Location=&Radius=Twenty&Company=&ListingType=None&FilterBy=&Page=1>
- **Math for America**
<http://www.mathforamerica.org/>
- **Society for Industrial and Applied Mathematics**
<http://www.siam.org/careers/internships.php>
- **UTEP Department of Mathematical Sciences**
<https://www.utep.edu/science/math/>



UTEP Student Organizations

- **Future Educators of Math and Science**
<https://minetracker.utep.edu/organization/femas>
- **Society for Advancement of Chicanos and Native Americans I Science (SACNAS)**
<https://minetracker.utep.edu/organization/SAC-NAS Paso del Norte SC>



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FIND OUT ABOUT:



- Work areas
- Types of employers
- Employment information
- Strategies

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AMERICAN MATHEMATICAL SOCIETY GRADUATE CHAPTER

<https://minetracker.utep.edu/organization/amsgc>

- **Club Zero**

<https://minetracker.utep.edu/organization/clubzero>



Professional Organizations

- **American Mathematical Society**
<http://www.ams.org/home/page>
- **Association for Women in Mathematics**
<https://awm-math.org/>
- **Society for Industrial and Applied Mathematics**
<http://www.siam.org/>
- **The Mathematical Association of America**
<http://maa.org/>
- **UTEP Department of Mathematical Sciences**
<http://www.math.utep.edu/>
- **UTEP Mathematical Sciences Graduate Program**
<https://www.utep.edu/science/math/academic-programs/graduate/index.html>
- **Women of NASA**
<http://women.nasa.gov/>



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CONNECT TO:

- World-wide internship and job listings
- Types of employers
- Employment information
- Strategies

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Online Resources

- **Digital Media Wire**
<http://www.media-math.com/news/digital-media-wire-mediamaath-raises-over-175-million/>
- **DUKE Math Research**
<https://math.duke.edu/research>
- **MIT OpenCourseWare**
<https://ocw.mit.edu/courses/find-by-topic/#cat=mathematics>
- **MIT Math Research**
<https://math.mit.edu/research/index.php>
- **The Communications Network**
<http://www.comnetwork.org/>

FIND OUT ABOUT:



- Occupation descriptions & real-world information
- Career exploration tools & resources for veterans

ononline.org



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Major Related Job Sites

- **American Statistical Association**
<http://www.amstat.org/jobweb/index.cfm>
- **Indeed.com**
<https://www.indeed.com/jobs?q=math&l=El+Paso%2C+TX>
- **Math for America**
<http://www.mathforamerica.org/>
- **MathJobs.org**
<http://www.mathjobs.org/jobs>
- **Society for Industrial and Applied Mathematics**
<http://www.siam.org/careers/>
- **CareerBuilder.com**
<https://www.careerbuilder.com/jobs-math?key-words=math&location=>
- **USA JOBS**
<https://www.usajobs.gov/Search/?k=math>
- **Wayup.com**
<https://www.wayup.com/s/internships/>



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FIND OUT ABOUT:



- Earnings
- Expected job prospects
- What workers do on the job
- Working conditions

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has major-specific documents like resume samples.

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Related Occupations

What Can I Do With This Major?

- **Actuary**
- **Advisory Position in Education/science policy**
- **Applied Mathematician**
- **Associate Consultant**
- **Astronaut**
- **Astronomer**
- **Benefits Specialist**
- **Biomathematician**
- **Biometrician**
- **Biostatistician**
- **Business Analyst**
- **College or University Professor or Instructor**
- **Computational Biology and Genomics**
- **Computer and information Research Scientist**
- **Computer Animation/ Digital imaging**
- **Computer Programmer**
- **Computer Systems Analyst**
- **Content Developer**
- **Credit Risk Analyst**
- **Cryptanalyst**
- **Customer Information Management Analyst**



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