## WHAT CAN I DO WITH THIS MAJOR? MATH

### Areas/Industries Available
- Mathematics/Computational Science
- Education
- Computers
- Insurance
- Banking and Finance

### Types of Employers
- Federal/State/Local Government
- Computer services companies and software publishers
- Aerospace and transportation manufacturers
- Energy companies
- Universities and colleges
- Telecommunications

### Job Titles
- Mathematical Modeling
- Mathematical Statistician
- Mathematical Analyst
- Machine Learning Researcher
- Computational Scientist
- Software Engineer
- Technical Consultant
- Teacher

### Resources
#### What Can I Do With This Major?
- Learn more about the career paths in your major
  - [ow.ly/Xx4q30qFKf8](ow.ly/Xx4q30qFKf8)

#### Occupational Outlook Handbook
- Gives you great information about potential jobs; median salary, job growth outlook, education needed, and similar jobs
  - [ow.ly/lMlV30qY4DM](ow.ly/lMlV30qY4DM)

#### Vault Guides
- An extensive guide to the industry that includes background and descriptions of all different areas
  - [ow.ly/PDRL30qFKdP](ow.ly/PDRL30qFKdP)

#### Career Profiles in Handshake
- You can look into roles and find Q&A's and explore related roles
  - [ow.ly/2uxA30qFKci](ow.ly/2uxA30qFKci)

### Advanced Degree Programs
- Statistics
- Computer Science
- Data Science/Machine Learning
- Mathematical Economics
- Finance
- Engineering

### Types of Employers
- Federal/State/Local Government
- Computer services companies and software publishers
- Aerospace and transportation manufacturers
- Energy companies
- Universities and colleges
- Telecommunications

### Join Temple University Student Organizations
- Association for Women in Mathematics
  - [ow.ly/vJGF30qY4Ji](ow.ly/vJGF30qY4Ji)
- Undergraduate Math Club
  - [ow.ly/tZqa30qY4JL](ow.ly/tZqa30qY4JL)
- Society of Industrial and Applied Mathematics (SIAM)
  - [ow.ly/m90q30qY4KT](ow.ly/m90q30qY4KT)

### Don't Forget Jobs in Government
- Check out USAJOBS and state government websites for career opportunities!
  - [usajobs.gov](usajobs.gov)

### Things to Think About
- Important skills are critical thinking, problem diagnosis and solving, computer skills, good reasoning, and communication
- Seek experiences through internships and part time jobs
- Students in math should consider if they want to use math skills directly or indirectly in the workplace.

---

CST Student Professional Development

cst.temple.edu/academics/cstprofdev | cstprofdev@temple.edu

---

College of Science and Technology

See Handshake

temple.joinhandshake.com/login