



Student Professional Development

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
- Insurance companies
- Actuarial organizations
- Private/Investment banking
- Trust Management

See Handshake

temple.joinhandshake.com/login

Job Titles

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

Advanced Degree Programs

- Statistics
- Computer Science
- Data Science/Machine Learning
- Mathematical Economics
- Finance
- Engineering

Resources

What Can I Do With This Major?

- Learn more about the career paths in your major

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/IMlV30qY4DM

Vault Guides

- An extensive guide to the industry that includes background and descriptions of all different areas

ow.ly/PDRL30qFKdP

Career Profiles in Handshake

- You can look into roles and find Q&A's and explore related roles

ow.ly/2uxA30qFKci

Join Temple University Student Organizations

Association for Women in Mathematics

ow.ly/vJGF30qY4Ji

Undergraduate Math Club

ow.ly/LZqa30qY4JL

Society of Industrial and Applied Mathematics (SIAM)

ow.ly/m90q30qY4KT

Don't Forget Jobs in Government

Check out USAJOBS and state government websites for career opportunities!

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.