



# Student Professional Development

## WHAT CAN I DO WITH THIS MAJOR?

## PHYSICS

### Areas/Industries Available

- Acoustical Physics
- Astronomy/Astrophysics
- Biophysics
- Chemical Physics
- Condensed Matter
- Engineering Physics
- Geophysics
- Medical/Health Physics
- Nuclear Physics
- Optical Physics
- Particle/High Energy Physics

### Types of Employers

- Federal/State/Local Government
- Nonprofit Research Centers
- Aerospace
- Observatories/Planetariums
- Science Museums
- Medical and Dental Schools
- Petroleum
- Electronics Industry
- Manufacturing and Processing Firms
- Environmental Firms

### See Handshake

[temple.joinhandshake.com/login](https://temple.joinhandshake.com/login)

### Job Titles

- Software Engineer
- Research Technician
- Test Engineer
- Physics Teacher
- Material Scientist
- Medical Physicist

### Advanced Degree Programs

- |                         |                  |
|-------------------------|------------------|
| Physics                 | Astrophysics     |
| Optics/Optical Sciences | Material Science |
| Astronomy               | Quantum Physics  |
| Meteorology             |                  |

### Resources

#### What Can I Do With This Major?

- Learn more about the career paths in your major

[ow.ly/Xx4q30qFKf8](https://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/4voi30qPhvZ](https://ow.ly/4voi30qPhvZ)

#### Vault Guides

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

[ow.ly/PDRL30qFKdP](https://ow.ly/PDRL30qFKdP)

#### Career Profiles in Handshake

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

[ow.ly/2uxA30qFKci](https://ow.ly/2uxA30qFKci)

### Join Temple University Student Organizations

#### Society of Physics Students

[ow.ly/ZRkG30qPhwS](https://ow.ly/ZRkG30qPhwS)

### Don't Forget Jobs in Government

Check out USAJOBS and state government websites for career opportunities!

[usajobs.gov](https://usajobs.gov)

### Things to Think About

- Seek internship or co-op experience in interest area
- Need excellent oral, written, and interpersonal skills when it comes to sharing findings and collaborating with teams
- Willingness to relocate is helpful due to unique opportunities in specialized areas
- Demand for physics majors crosses diverse job industries and job titles