



## PHYSICS

The physics degree provides a basis either for entering graduate school, government laboratories, or for pursuing a variety of industrial careers. Physics majors are introduced to many areas of the field: astrophysics and general relativity, biological physics, condensed-matter physics, laser physics and quantum information, nonlinear physics and chaos theory, nuclear physics, nuclear astrophysics, and particle ray physics.

Virtually every course in the physics major has an associated computational component designed to extend the students' ability to handle real-world problems. An important feature of the program is the large number of electives, which allow a student to pursue topics of special interest. There are elective sequences in biology for those preparing to enter biophysics or medicine and advanced topics for those interested in atomic, nuclear, solid-state, theoretical, or atmospheric physics. Students can also choose electives to meet teacher certification requirements.

Students wanting specific information about the major are encouraged to stop by the department office located at 3141 Chestnut Street, call the department at 215-895-2708, or visit their website at [www.physics.drexel.edu](http://www.physics.drexel.edu).

**Employers who have hired Drexel students include:**

- Argonne National Laboratory
- Army Research Laboratory
- Lockheed Martin
- Penn State University
- Sparks Exhibit and Environments
- St. Clare's Hospital
- Princeton Physics Plasma Lab

## JOB TITLES

- Research Assistant
- Physical Sciences Technician
- Physicist
- Database Analyst

- Scientific Programmer & Developer
- Laboratory Assistant
- Systems Engineer
- IT Assistant

Please refer to the SCDC website ([www.drexel.edu/scdc](http://www.drexel.edu/scdc)) for our most recent co-op salary information.

## PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

**American Institute of Physics**

[www.aip.org](http://www.aip.org)

**The American Physical Society**

[www.aps.org](http://www.aps.org)

**American Astronomical Society**

[www.aas.org](http://www.aas.org)

**National Science Research Foundation  
Research for Undergraduates**

[www.nsf.gov/crssprgm/reu/reu\\_search.cfm](http://www.nsf.gov/crssprgm/reu/reu_search.cfm)

**Sigma Pi Sigma Physics Honor Society (Drexel Chapter)**

[www.physics.drexel.edu/students/organizations/SigmaPiSigma/](http://www.physics.drexel.edu/students/organizations/SigmaPiSigma/)

**Society of Physics Students (Drexel Chapter)**

[www.physics.drexel.edu/students/organizations/sps/?page=chapter](http://www.physics.drexel.edu/students/organizations/sps/?page=chapter)

## CAREER RESOURCES

**Steinbright Career Development Center**

Pre-Health Advising

Thomas Coyne

215-895-2437

[tcoyne@drexel.edu](mailto:tcoyne@drexel.edu)

**Career Network: Your Source for Science Jobs in Recruiting**

[www.physicstoday.org/jobs/](http://www.physicstoday.org/jobs/)

**Jobs in Physics, Astronomy and Other Fields**

[www.phys-astro.sonoma.edu/advisor/jobs.html](http://www.phys-astro.sonoma.edu/advisor/jobs.html)

**Science Careers**

[sciencecareers.sciencemag.org](http://sciencecareers.sciencemag.org)

## DREXEL DEPARTMENTS

**Physics Department**

3141 Chestnut Street

(215) 895-2708

[www.physics.drexel.edu](http://www.physics.drexel.edu)

**Career Services Library**

**Careers Collection**

Hagerty Library

33<sup>rd</sup> and Market Streets, Room 136

215-895-6843

[www.library.drexel.edu/services/refcareers.htm](http://www.library.drexel.edu/services/refcareers.htm)