

## 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, atomic 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 Disque Hall Room 816, call the department at 215.895.2708, or visit [physics.drexel.edu](http://physics.drexel.edu).

| <b>Employers Who Have Hired<br/>Drexel Students Include:</b>                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Analytical Graphics, Inc.<br>Argonne National Laboratory<br>Army Research Laboratory<br>Drexel University<br>Lantium, Inc<br>Lockheed Martin<br>Pearson VUE<br>Penn State University<br>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 [drexel.edu/scdc](http://drexel.edu/scdc) for the most recent co-op salary information**

## PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

**American Institute of Physics**  
[aip.org](http://aip.org)

**The American Physical Society**  
[aps.org](http://aps.org)

**American Astronomical Society**  
[aas.org](http://aas.org)

**National Science Foundation  
Research for Undergraduates**  
[nsf.gov/crssprgm/reu/reu\\_search.cfm](http://nsf.gov/crssprgm/reu/reu_search.cfm)

**National Institute of Standards and  
Technology**  
[nist.gov](http://nist.gov)

**Society of Physics Students**  
[drexel.edu/physics/about/society-of-physics-students](http://drexel.edu/physics/about/society-of-physics-students)

## CAREER RESOURCES

**Resume, Interviewing and Job Search Best Practices**  
[drexel.edu/scdc/professional-pointers](http://drexel.edu/scdc/professional-pointers)

**Workshop Calendar**  
[drexel.edu/scdc/calendars-events/workshops](http://drexel.edu/scdc/calendars-events/workshops)

## DREXEL DEPARTMENTS

**Department of Physics**  
Disque Hall, Room 816  
3141 Chestnut Street  
215.895.2708  
[drexel.edu/physics/](http://drexel.edu/physics/)

**Career Services Library  
Careers Collection**  
Hagerty Library  
33<sup>rd</sup> and Market Streets, Room 136  
[www.library.drexel.edu/guides/careers](http://www.library.drexel.edu/guides/careers)