

#### CAREER RESPONSIBILITIES

Students learn theoretical and experimental techniques as they study the laws and properties of motion, heat, light, electricity, radiation, magnetism, particles, and matter. Students are prepared to continue advanced studies in physics or professional school, and are equipped to work in scientific occupations and other areas such as teaching.

#### Skills Associated With Physics Majors:

- Spirit for scientific inquiry and the ability to operate scientific equipment
  - Strong problem solving skills
  - High proficiency organization and accurate details
- Strong mathematical, analytical, reading, writing, computer and memorizing skills
  - Ability to make critical observations and decisions based on data
  - Conduct and clearly explain scientific research
- Ability to write well; for both technical and non-technical audiences

#### Sample Career Titles

Acoustics Physicist	Hydrologist	Physics Teacher
Aerodynamist	Industrial Hygienist	Physiognomist
Aerospace Engineer	Laboratory Administrator	Plasma Physicist
Astronaut	Laboratory Assistant	Process Engineer
Astronomer	Laboratory Manager	Project Manager
Astrophysicist	Laboratory	Quality Assurance Engineer
Atomic Physicist	Lawyer	Radiological Lab Assistant
Biophysicist	Mathematician	Rehabilitation Engineer
Cardiac Imaging Researcher	Mathematics Teacher	Research Assistant
Chemical Physicist	Medical Cyclotron Manager	Satellite Missions Analyst
Chemistry Teacher	Medical Physicist	Science Librarian
Chemistry Technologist	Medical Products Designer	Science Teacher
Clinical Laboratory Technician	Meteorologist	Science Writer
College Professor	Molecular Physicist	Seismologist
Computer Engineer	Museum Curator	Solid Earth Physicist
Computer Scientist	Nuclear Engineer	Solid State Physicist
Designer	Nuclear Physicist	Space Technician
Engineer	Nuclear Power Plant Manager	Stratigrapher
FBI Special Agent	Nuclear Scientist	System Analyst
Financial Analyst	Operations Analyst	Technical Consultant
Fluids Physicist	Physician	Technical Salesperson
Geodesist	Physicist	Technical Writer
Geophysicist	Physics Researcher	Test Engineer
		Toxic Waste Manager

\*\* Some careers may require additional training and/or education

To find out more about the daily work of these professions, skills needed, and salary ranges, go to [Occupational Outlook Handbook](#) and type a career title into the search field.

Visit **Career Education & Development**, 124 Bailey Library, to discuss these occupations and career opportunities with a Career Counselor.