

The following is a sample of occupational titles and work settings related to **Physics**.

Keep in mind that career options are not dictated solely by choice of major.

Just as there are many careers open to graduates of any major, there are many paths to careers that do not require a specific degree. Use this information as a beginning guide to exploring options.

Sample Job Titles:

- Aerodynamist
- Aerospace Engineer
- Air Traffic Controller
- Airline Dispatcher
- Airplane Pilot/Navigator
- Architect
- Architectural Drafter
- Astronomer
- Astrophysicist
- Atmospheric and Space Scientist
- Aviation Inspector
- Ballistics Expert
- Biomedical Engineer
- Biophysicist
- Chemical Engineer
- Computer Programmer
- Computer Software Engineer
- Computer Systems Engineer
- Consultant
- Cosmologist
- Crime Laboratory Analyst
- Curator/Natural History Museum
- Editor (Technical)
- Elementary Particle Physicist
- Engineering Technician (Electrical, Civil)
- Environmental Scientist
- Experimental Physicist
- Fire Prevention and Protection Engineer
- Flight Engineer
- Fluid Physicist
- Forensic Science Technician
- Geophysical Data Technician
- Geoscientist
- Hydrologist
- Information Scientist
- Instrumental Technician
- Laboratory Technician
- Laser Technician
- Librarian, Special
- Machinist
- Manufacturers' Representative
- Materials Engineer
- Materials Scientist
- Mathematician
- Mechanical Engineer
- Medical Lab Technician
- Medical Physicist
- Medical Technologist
- Metallurgist
- Meteorologist
- Microbiologist
- Mining and Geological Engineers
- Nuclear Engineer
- Nuclear Physicist
- Nuclear Technician
- Occupational Health and Safety Specialist
- Optical Physicist
- Optometric Assistant
- Optometrist
- Petroleum Engineers
- Pharmacologist
- Photogrammetrist
- Photo-optics Technician
- Physical Scientist
- Physician
- Physicist
- Physics Teacher, Postsecondary
- Planetologist
- Plasma Physicist
- Product Safety Engineer
- Radiologic Technologist
- Radiologist
- Safety Manager
- Salesperson, Scientific Apparatus
- Science Technologist
- Seismologist
- Software Engineer
- Solar and Stellar Physicist
- Solar Astronomer
- Solidstate Physicist
- Space Physicist
- Stress Analyst
- Systems Analyst
- Technical Secretary
- Theoretical Physicist
- Writer, Technical
- Zoologist

Possible Professional Settings:

- Airlines Industry
- Astronaut Corps
- Atomic and Nuclear Laboratories
- Chemical Companies
- Colleges & Universities
- Electronic Firms
- Engineering Firms
- Federal Government
- Government Agencies:
Dept. of Agriculture
Dept. of Commerce
- Dept. of Defense
- Dept. of Energy
- Dept. of the Interior
- High Tech Firms
- Hospitals
- Laboratories
- Mining Companies
- Museums
- National Aeronautics & Space Administration
- National Oceanic & Atmospheric Administration
- National Science Foundation
- National Transportation Safety Board
- Nonprofit Research Groups
- Nuclear Regulation Commission
- Observatories
- Oilfields
- Patent Law Firms
- Petroleum Companies
- Power Plants
- Private Industry:
Corporations such as IBM, Allied, Carrier, and Dow Chemical
- Research & Development Firms
- School Boards
- State & Local Governments
- United States Military:
Army, Navy, Coast Guard, Air Force
- Weather Bureaus

Resources:

The following lists are samples of resources available for learning more about majors and careers.

Websites Related to this Field

- Institute of Physics: www.iop.org/
- Physics.org: www.physics.org/
- Physics Central: www.physicscentral.com
- Physics World.com: www.physicsworld.com

Professional Associations - Samples

- American Association of Physics Teachers: www.aapt.org
- American Association of Physicists in Medicine : www.aapm.org
- Biophysical Society : www.biophysics.org
- Joint Institute for Laboratory Astrophysics : www.jila.colorado.edu
- Physics Teacher Education Coalition : www.phystec.com
- Society of Physics Students: www.spsnational.org/cup/

General Career Information

- Washington Occupation Information System: www.wois.org Site Key: KTX478
- Occupational Outlook Handbook: www.bls.gov/oco
- The Occupational Information Network, (O*Net): www.onetcenter.org

SPU Resources

- Physics Department Website: <http://www.spu.edu/depts/physics/>
- Major & Career Exploration (GS 2001 - 2 credits, offered every quarter)
- Career Counseling: call 206.281.2485 or stop by the Center for Career and Calling on the second floor of the SUB
- Academic Advising: www.spu.edu/depts/sas
- Academic Catalog: www.spu.edu/academics.aspx
- On Track Degree Planner: <http://spu.edu/academics/on-track-degree-planner/>

* Websites are current as of September 2011. If any go inactive, please let us know.

Center for
Career
and Calling