What Can I Do With a Major in…

Physics?

There are three main career paths for a physics bachelor to follow: graduate study in physics or astronomy, graduate study in fields other than physics such as engineering, and employment. How are physics bachelors employed? They are employed in research, development, design, programming (scientific and engineering), technical writing, and many other areas. Many physics majors are employed as engineers or research assistants, and some physics graduates choose a career in secondary education.

Skills Associated with Physics Majors:

Appreciates mathematics and the sciences
Curiosity
Attention to detail
Good vision and spatial ability
Manual dexterity
Organize data
Make critical observations and appropriate decisions
Conduct and explain scientific research
Operate and use information derived from computers

Sample Career Titles:

Acoustics Physicist
National Laboratory Research Administrator
Research Assistant
Aerodynamist
Geophysicist
Nuclear Magnetic Resonance Director
Lab Technician
Satellite Data Analyst
Aerospace Nondestructive Testing Analyst
High-Tech Designer, Oil Industry
Nuclear Physicist
Satellite Missions Analyst
Astronomer
Hydrologist
Nuclear Power Plant Manager
Project Manager
Science Teacher
Astrophysicist
Industrial Hygienist
Devices Designer
Science Writer
Atomic Physicist
Laboratory Technician
Seismologist
Biophysicist
Lawyer, Technology Specialty
Physicist
Solid Earth Physicist
Cardiac Imaging Researcher
Mathematician
Physics Researcher
Solid State Physicist
Chemical Physicist
Mathematics and Physics Teacher
Physiognomist
Stratigrapher
Computer Specialist
Medical Physicist
Plasma Physicist
Technical Consultant
Computer System Engineer
Medical Products Designer
Process Engineer
Technical Salesperson
Meteorologist
Radiological
Laboratory Director
Technical Writer
Fluids Physicist
Molecular Physicist
Industrialist Hygienist
Computer Systems Engineer
Physics Researcher
Research & Development Scientist
Test Engineer
Operations Analyst

**Some careers may require further training and/or educational degree.

Some Employers of Physics Majors:

Utility Companies
State/Federal Government
Colleges/Universities
Business and Industry
Weather Bureaus
Hospitals
Airports
Professional and Technical Journals
Mining and Petroleum

Professional Organizations for Physics Majors:

American Institute of Physics
http://www.aip.org

American Physical Society
http://www.aps.org

Websites for Physics Majors:

The College Central Network
http://www.collegecentral.com/kutztown

O*NET OnLine
http://online.onetcenter.org

Occupational Outlook Handbook
http://www.bls.gov/oco

Institute of Physics
http://www.iop.org

The Internet Pilot to Physics
http://physicsweb.org/TIPTOP

TIPTOP Jobs On-Line
http://tiptop.iop.org

Physics Careers Bulletin Board
http://www.aip.org/careers

American Physical Society Careers/Employment Information
http://www.aps.org/careers/employment/index.cfm

Library Resources about Physics in the Career Development Center:

Careers in Science & Engineering
Careers in Science
Great Jobs for Math Majors
Opportunities in Laboratory Science Careers
Opportunities in High Tech Careers
Great Jobs for Engineering Majors

For More Information on Majoring in Physics Visit:
Department of Physical Sciences
425 Boehm Science Center
610-683-4447
http://www.kutztown.edu/acad/physics/

For More Information on Physics Careers
or To Speak To a Career Counselor Contact Us At:
Career Development Center
Kutztown University of Pennsylvania
113 Stratton Administration Center
Kutztown, PA 19530
610-683-4067
http://careers.kutztown.edu

Revised
8/08