

WHAT CAN I DO WITH A MAJOR IN PHYSICS

CAREER INFORMATION FOR MAJOR IN PHYSICS

This handout provides sources of career information for **Physics** Majors. There are different career options available in the field of **Physics**. Below is a sample of some of the types of positions for graduates with major in **Physics**. Please note that you might require further education and experience for some positions.

SKILLS DEVELOPED BY PHYSICS STUDENTS

- Time management
- Commercial awareness
- Persuading, influencing and negotiating skills
- Ability to explain complex concepts and theories to others
- Effective communicator, present information clearly and effectively
- Apply and integrate fundamental scientific principles
- Use of technical tools
- Leadership skills including a leadership styles exercise
- Conducting and clearly explaining scientific research
- Reviewing scientific literature
- Defining a research problem
- Establishing hypotheses
- Research & Laboratory experience
- Statistical analysis & complex problem-solving ability
- Seeing relationships among factors
- Computing skills
- Adaptability
- Assertiveness
- Quantitative skills
- Attention to detail
- Team working
- Making effective presentations
- Decision making skills
- Problem-solving skills
- Gathering/analyzing data
- Language skills

CAREERS IN PHYSICS

- Research and Development
- Teaching
- Computing
- Health Sciences
- Research scientist
- Management and administration
- Product Development
- Consulting
- Sales and Marketing
- Scientific Laboratory Technician
- Acoustical Physics
- Aerospace Engineer
- Air Traffic Controller
- Ariel Survey Flight Supervisor
- Artificial Intelligence Developer
- Assistant Research Officer
- Astronomer
- Astronaut
- Astrophysicist
- Atmospheric scientist
- Avionics instrument mechanic
- Biomedical Engineer
- Biophysicist
- Chemical Physicist
- Climatologist
- Computer Engineer
- Computer Programmer
- Computer Software Engineer
- Condensed Matter Research
- Data Analyst
- Database Administrator
- Electrical Equipment Specialist
- Electrical Engineer
- Embedded Software Developer
- Environmental Physicist
- Engineering and Natural Sciences Manager
- Environmental Scientist
- Equipment Designer
- Exploration Geophysicist
- Flight Management Analyst Geophysicist
- Hydrologist
- Information Specialist
- Instrument Designer
- Investment Analyst
- Medical Physicist
- Logistics Specialist
- Mathematician
- Meteorologist
- Molecular Physicist
- Nuclear Physicist
- Operations Research Analyst
- Seismologist

PHYSICS ASSOCIATIONS

- American Association of Physics Teachers
- American Astronomical Society
- American Institute of Physics
- American Meteorological Society
- American Physical Society
- Institute of Physics
- National Aeronautics and Space Administration
- The Biophysical Society
- The Geophysical Union
- Canadian Institute for Theoretical Astrophysics
- Institute for Aerospace Studies

EMPLOYERS WHO HIRE PHYSICS GRADUATES

Stratton Capital Management http://www.novarecapital.com	The Institute for Genomic Research http://www.tigr.org	http://www.towersperrin.com
Stryker Medical http://www.stryker.com	The King Center http://www.thekingcenter.org	Toyota Motor Manufacturing http://www.toyota.com
Sylvan Learning Center http://www.educate.com	Thomson Consumer Electronics http://www.gxs.com	Travel Marketing Group http://www.travelmarketinggroup.com
Symmetricon Inc. http://www.symmetricon.com	Thorlabs, Inc. http://www.thorlabs.com	Tremco, Inc. http://www.tremcoroofing.com
Synaptics, Inc. http://www.synaptics.com	ThoughtForm Corporation http://www.thoughtform.com	Trex Enterprises http://www.trexenterprises.com
Synerfac Technical Staffing http://www.synerfac.com	Timken US Corporation http://www.timken.com	Triumph Technologies http://www.triumph-tech.com
Synergy, Inc. http://www.synergyinc.com	Telamon Corporation http://www.telamon-corp.com	Truck-Lite Co., Inc. http://www.truck-lite.com
Synrad, Inc. http://www.synrad.com	Teledyne Energy Systems, Inc. http://www.teledyneenergysystems.com	Trustmark Insurance http://www.trustmarkins.com
Tacoma Power http://www.ci.tacoma.wa.us	Atomic Energy of Canada http://www.aecl.ca/	TRW Space and Electronics Group http://www.trw.com

PHYSICS STUDENTS JOBS

- Physics Job Board
- Companies that hire Physics Majors
- **APS** Career Center
- TIPTOP Jobs On-Line
- Canada's Top 100 Employers
- Physlink.com Job Board
- Positions in High Energy Physics
- Science Careers
- Physics Today Job Search
- Society of Physics Students: Careers Using Physics
- Talent Egg <http://www.talentegg.ca>

Updated Feb 2015