Physics

Transferable Skills
A liberal arts degree in general, reflects a comprehensive education emphasizing analytical skills, critical thinking and communication skills; abilities in high demand for all employers. Concentrating your studies in a major allows you to also gain specific transferable skills of interest to particular employers and industries. Graduates with a major in Physics are attractive to employers due to their abilities in the following areas:

- Ability to analyze cause and effects
- Ability to conduct scientific research
- Ability to gather and tabulate data
- Ability to maintain accurate records
- Ability to operate scientific equipment
- Ability to make critical observations and evaluations
- Ability to think logically and critically and make analogies
- Ability to organize, analyze, and interpret scientific data
- Ability to observe and analyze introspectively
- Ability to organize and memorize detailed information
- Ability to organize, conduct and explain research
- Testing ideas and hypotheses
- Ability to concentrate for long periods of time
- Ability to summarize and solve complicated material
- Good vision, spatial and manual dexterity
- Design and complete in-depth projects
- Knowledge of dissection and laboratory techniques
- Presenting and writing proposals and reports
- Proficiency in analytical reasoning
- Strong mathematical background

Range of Example Positions held by Physics Majors
Please note that some of these positions require an advanced degree. For more information and descriptions of these careers, visit O*NET On-line.

- Anthropologist
- Astronomer
- Audiologist
- Auditor
- Biochemist
- Biophysicist
- Brand/Product Manager
- Chemical Engineer
- Civil Engineer
- College Professor
- Computer Programmer
- Editor
- Electrical Engineer
- Entry-Level Manager
- Environmental Engineer
- Financial Analyst
- Geologist
- Geographer
- Geophysicist
- Graphic Artist
- Industrial Health Engineer
- Information Systems Analyst
- Lawyer
- Market Researcher
- Mechanical Engineer
- Meteorologist
- Nuclear Physicist
- Patent Attorney/Examiner
- Petroleum Engineer
- Physical Therapist
- Physicist
- Public Relations Specialist
- Publisher
- Registered Nurse
- Researcher
- Software Designer
- Soil Scientist
- Special Agent/FBI
- Systems Analyst
- Systems Engineer
- Technical Writer
- Urban Planner
Professional Associations
Professional associations or organizations can be a great way to meet, learn from and network with professionals in your field of interest. Inexpensive student memberships are often available. These are only a sampling of professional associations. Be sure to search for others that may be applicable or helpful.

- American Engineering Association
- American Association of Physics Teachers
- American Astronomical Society
- American Institute of Chemical Engineers
- American Institute of Engineers
- American Institute of Physics
- American Meteorological Society
- Association of Women in Science
- Biophysical Society
- Society for Neuroscience
- Women in Aerospace