



Physics Career Paths

For more information about specific careers, check with the Career Center, your advisor, Nash Library, people working in the field, and/or write to the **American Physical Society, One Physics Ellipse, College Park, MD, 20740-3844** or visit their website at <http://www.aps.org/jobs/index.cfm>.

Career Paths with a Bachelor's in Physics

Acoustics physicist	Crime lab analyst	Industrial hygienist	Photogrammetrist
Aerodynamist	Criminalist	Laboratory technician	Physician
Aerospace engineer	Civil engineer	Lawyer	Physicist
Agriculture scientist	Computer programmer	Librarian	Police chemist
Airplane pilot	Editor	Management trainee	Quality control manager
Air-traffic controller	Educator	Mathematician	Radiologic technologist
Architect	Electrical engineer	Mechanical engineer	R & D Scientist
Astronomer	Environmental analyst	Medical physicist	Safety manager
Astrophysicist	Environmental engineer	Metallurgist	Satellite data analyst
Atomic physicist	Forensic scientist	Meteorologist	Seismologist
Automotive engineer	Geodesist	Molecular physicist	Stress analyst
Ballistics expert	Geographer	Occupational safety spec.	Technical consultant
Biophysicist	Geophysicist	Oceanographer	Technical salesperson
Cardiac imaging researcher	Health physicist	Optometrist	Test engineer
Chemical engineer	Hydrologist	Nuclear engineer	Weather observer
Chemist	Industrial engineer	Particle accelerator analyst	Writer

Check job titles at the [Occupational Outlook Handbook](#)

Hiring Institutions

Air, bus, & rail lines	Magazines & newspapers	Planetariums
Airports	Manufacturing & processing firms	Professional journals
Atomic & nuclear laboratories	Military	Publishing companies
Business & industry	Mining & petroleum companies	Radio & television
Commercial industry	NASA	Research & development firms
Educational institutions	Nonprofit foundations	Science Museums
Engineering firms	Nuclear plants	Space industry
Environmental firms	Observatories	TV & Radio stations
Government agencies	Petroleum companies	Utility companies
Hospitals	Pharmaceutical industry	Weather bureaus & companies

Marketable Skills

Aptitude for accurate details	Make critical observations and appropriate decisions
Conduct and explain scientific research	Operate and use information derived from computers
Define research problems	Organize, analyze, and interpret scientific data
Design equipment	Perform calculations
Develop & write research proposals	Prepare technical reports
Draw meaningful conclusions	Problem-solving skills
Establish hypotheses	Review scientific literature
Evaluate ideas	See relationships among factors
Gather & analyze data	Strong background in mathematics
Identify & classify materials	Summarize research findings
Maintain records	Utilize mathematical formulas



Physics Resources

Organizations & Associations

[American Association for the Advancement of Science](#)
[American Association of Physics Teachers](#)
[American Astronomical Society](#)
[American Center for Physics](#)
[American Geophysical Union](#)
[American Institute of Physics](#)
[American Meteorological Society](#)
[American Physical Society](#)
[Association of Science-Technology Centers](#)
[Board on Physics & Astronomy](#)
[Federation of American Scientists](#)
[Institute of Physics](#)
[National Academy of Sciences](#)
[National Institute for Theoretical Physics](#)
[Special Research Centre for the Subatomic Structure of Matter](#)

Job Resources

[AAAS Jobs Bank](#)
[AAS Careers](#)
[APS Careers](#)
[Astro Place](#)
[Career Builder](#)
[Career Resource](#)

[Careers with Physics](#)

[Chronicle of Higher Education](#)

[High Energy Physics jobs](#)

[Hot Topics in Physics](#)

[Job Bank USA](#)

[Job Hunt](#)

[Job Web](#)

[Jobs in physics](#)

[Jobs.net](#)

[Monster TRAK](#)

[NASA](#)

[Nature Jobs](#)

[Nexus Web](#)

[Optics.org](#)

[PhDs.org](#)

[Physical Sciences Resource Center](#)

[Physicists & Astronomers](#)

[Physics & Astronomy Job Resources](#)

[Physics Careers](#)

[Physics Central](#)

[Physics Today](#)

[Physics Web](#)

[Phys Link](#)

[Riley Guide](#)

[SciJobs](#)

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