Physics

This sheet has sample occupations, work settings, employers, and career development activities associated with this major. Some of these options may require additional training and career planning. You are not limited to these options when choosing a possible career path.

Specializations

- Acoustics
- Astronomy & Astrophysics
- Atomic/Molecular Physics
- Biophysics
- Elementary Particle Physics
- Health/Medical Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics
- Plasma and High-Temperature Physics
- Solid State and Low-Temperature Physics
- Theoretical and Mathematical Physics

Sample Occupations

- Aerospace Engineer
- Astrophysicist
- Atmospheric and Space Scientist
- Airline Dispatcher
- Aircraft Engineer
- Architect
- Architectural Drafter
- Biomedical Engineer
- Biophysicist
- Chemical Engineer
- Computer Programmer
- Engineering Technician
- Environmental Scientist
- Experimental Physicist
- Fire Protection and Safety Engineer
- Forensic Science Technician
- Geophysical Data Technician
- Geoscientist
- Hydrologist
- Occupational Health and Safety Specialist
- Information Scientist
- Laboratory Technician
- Laser Technician
- Machinist
- Mechanical Engineer
- Medical Lab Technician
- Medical Physicist
- Medical Technologist
- Metallurgist
- Meteorologist
- Microbiologist
- Mining and Geological Engineer
- Nuclear Engineer
- Nuclear Physicist
- Petroleum Engineer
- Pharmacologist
- Photogrammetrist
- Photo-Optics Technician
- Physical Scientist
- Physicist
- Product Safety Engineer
- Radiologic Technologist
- Radiologist
- Science Seismologist
- Soil & Plant Scientist
- Stress Analyst
- Systems Analyst
- Technical Secretary
- Theoretical Physicist
- Writer, Technical
- Zoologist

Sample Work Settings

- Astronaut Corps
- Chemical Companies
- Educational Institutions
- Electronic Firms
- Engineering Firms
- Federal Agencies:
  - Dept. of Agriculture
  - Dept. of Commerce
- Dept. of Defense
- Dept. of Energy
- Dept. of the Interior
- Federal Government (Army, Navy, Coast Guard, Air Force)
- Hospitals
- Laboratories
- Museums
- National Aeronautics & Space Administration
- National Oceanic & Atmospheric Administration
- National Transportation Safety Board
- Non-Profit Research Groups
- Oil Fields
- Patent Law Firms
- Power Plants
- Research and Development Firms

Sample Employers

- Argonne National Laboratory
- Citilabs
- Florida Department of Agriculture and Consumer SER
- GE Aviation
- NASA
- Tallahassee Community College
- Non-Profit Research Groups
- Oil Fields
- Patent Law Firms
- Power Plants
- Research and Development Firms

Sample Websites

- Institute of Physics: www.iop.org
- Physics Central: www.physicscentral.com
- PhysicsWorld.com: www.physicsworld.com
Connecting Majors, Skills, and Occupations

- View learning outcomes associated with your major in the *FSU Undergraduate Academic Program Guide Learning Compact*: www.learningforlife.fsu.edu/smalcs/learningcompacts.cfm
- Explore the connection between occupations and skills in O*Net: www.onetonline.org
- Use the FSU Career Portfolio to document transferable skills you develop through your major and other experiences: www.portfolio.fsu.edu
- Use ProfessionOle to learn more about industry demands, career expectations, and opportunities from professionals: www.career.fsu.edu/professionole

Sample Career Center Library Resources

<table>
<thead>
<tr>
<th>Sample Books</th>
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<tr>
<td>Careers in Science...............................................................................IIB 19-0000 E2</td>
<td>Opportunities in Laser Technology Careers......................................IIB 17-3020 B61</td>
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<tr>
<td>Career Information Center: Engineering, Science and Technology..................IIA CIC-6</td>
<td>Opportunities in Telecommunications............................................IIA 27-3000 B61</td>
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<td>Career Opportunities in Science.........IIB 19-0000 E25</td>
<td>Careers.................................................................IIA 27-3000 B61</td>
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<td>Green Careers: Choosing Work for a Sustainable Life..................................IIB 19-2041 C3</td>
<td>Physical Science Career Directory............................................VIB5 M6</td>
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<td>Physicists Occupational File.......................................IIB 19-2012</td>
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<tr>
<td></td>
<td>Professional Careers Sourcebook........................................IIA S2</td>
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Sample Professional Organizations

American Association of Physics Teachers, One Physics Ellipse - College Park, MD www.aapt.org

American Association of Physicists in Medicine, One Physics Ellipse - College Park, MD www.aapm.org

Biophysical Society - Bethesda, MD www.biophysics.org

Joint Institute for Laboratory Astrophysics, University of Colorado - Boulder, CO jila.colorado.edu

For other related professional organizations, go to FSU Libraries database at lib.fsu.edu; select Find a Database; search for Gale Databases; choose Associations Unlimited.

Additional Information


Library Links www.career.fsu.edu/library/links.cfm

Career Guides www.career.fsu.edu/advising-guides.cfm

Steps to Career Success www.career.fsu.edu/Steps-to-Career-Success/