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  
Airplane Pilot/Navigator  
Architect  
Architectural Drafter  
Biomedical Engineer  
Biophysicist  
Chemical Engineer  
Computer Programmer  
Engineering Technician  
.Environmental Scientist  
Experimental Physicist  
Fire Prevention and Protection Engineer  
Forensic Science Technician  
Geophysical Data Technician  
Geoscientist  
Hydrologist  
Occupational Health and Safety Specialist  
Information Scientist  
Laboratory Technician  
Laser Technician  
Machinist  
Manufacturers’ Rep.  
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

**Sample Websites**

Institute of Physics  
www.iop.org  
Physics Central  
www.physicscentral.com  
PhysicsWorld.com  
www.physicsworld.com
Sample Career Center Library Resources

Sample Books
Careers in High Tech..............................................IIB 17-2000 B25
Careers in Science..................................................IIB 19-0000 E2
Career Information Center: Engineering,
Science and Technology............................................IIA CIC-6
Career Opportunities in Science.............................IIB 19-0000 E25
Green Careers: Choosing Work for a
Sustainable Life......................................................IIB 19-2041 C3
Opportunities in Laser Technology Careers..............IIB 17-3020 B61
Opportunities in Telecommunications Careers..........IIB 27-3000 B61
Physicists Occupational File.....................................IIB 19-2012
Professional Careers Sourcebook............................IIA S2
Resumes for Scientific and
Technical Careers..................................................VA R4
Turning Science into Things People Need................IIA G555

Self-Exploration and Career Information
To explore values, interests, and skills:

FOCUS 2
www.career.fsu.edu/Students/Plan-Your-
Career/Explore-Majors-and-Careers/
FOCUS2
Sigi3
www.career.fsu.edu/sigi
(Obtain a User ID from a Career Advisor)

To explore occupational outlooks and salaries:

SeminoleLink
www.career.fsu.edu/seminolelink
National Compensation Survey
www.bls.gov/ncs/
Occupational Outlook Handbook
http://www.bls.gov/ooh
Salary.com
www.salary.com
See additional resources in Career Center
Advising Module Sheets:
www.career.fsu.edu/Resources/Module-
Sheets

Connecting Majors, Skills, and Occupations

• View learning outcomes associated with your major in the FSU Undergraduate Academic Program Guide Learning Compact:
  www.academic-guide.fsu.edu/

• 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 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

Florida State University Career Guide
www.career.fsu.edu/Resources/Career-Guides

Career Guides by Topic
www.career.fsu.edu/Resources/Career-Guides

Library Links
www.career.fsu.edu/Resources/Career-Center-Library

Steps to Career Success
www.portfolio.career.fsu.edu/stepstocareerindex.html