

Physics

Specializations

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

Sample Occupations

Aerospace Engineer	Experimental Physicist	Medical Lab Technician	Physician
Astrophysicist	Fire Prevention and Protection Engineer	Medical Physicist	Physicist
Atmospheric and Space Scientist	Flight Engineer	Medical Technologist	Physics Teacher, Postsecondary
Airline Dispatcher	Forensic Science Technician	Metallurgist	Product Safety Engineer
Airplane Pilot/Navigator	Geophysical Data Technician	Meteorologist	Radiologic Technologist
Air Traffic Controller	Geoscientist	Microbiologist	Radiologist
Architect	Hydrologist	Mining and Geological Engineers	Safety Manager
Architectural Drafter	Occupational Health and Safety Specialist	Nuclear Engineer	Salesperson, Scientific Apparatus
Aviation Inspector	Information Scientist	Nuclear Physicist	Science Technologist
Biomedical Engineer	Instrumental Technician	Nuclear Technicians	Science Seismologist
Biophysicist	Laboratory Technician	Optometrist	Software Engineer
Chemical Engineer	Laser Technician	Optometric Assistant	Soil & Plant Scientist
Computer Programmer	Librarian, Special	Petroleum Engineers	Stress Analyst
Computer Software Engineer	Machinist	Pharmacologist	Systems Analyst
Consultant	Manager	Photo-optics Technician	Teacher, Science
Editor (Technical)	Manufacturers' Rep	Photogrammetric Engineer	Technical Secretary
Engineering Technician (Electrical, Civil)	Materials Engineer	Photogrammetrist	Theoretical Physicist
Environmental Scientist & Specialists	Mathematician	Physical Scientist	Writer, Technical
	Mechanical Engineer	Physicist Technician	Zoologist

Sample Work Settings

Astronaut Corps	Dept. of Energy	National Oceanic & Atmospheric Administration	Corporations such as IBM, Allied, Carrier & Dow Chemical
Chemical Companies	Dept. of the Interior	National Transportation Safety Board	Research & Development Firms
Colleges & Universities	Federal Government: Army, Navy, Coast Guard, Air Force	Nonprofit Research Groups	School Boards
Electronic Firms	Hospitals	Oilfields	State & Local Governments
Engineering Firms	Laboratories	Patent Law Firms	
Federal Agencies: Dept. of Agriculture	Museums	Power Plants	
Dept. of Commerce	National Aeronautics & Space Administration	Private Industry:	
Dept. of Defense			

Sample Career Center Library Resources

Careers in High Tech	IIB 17-2000 B25	Green Careers: Chosing Work for a Sustainable Life	IIB 19-2041 C3
Careers in Science	IIB 19-0000 E2	Job Choices in Science & Engineering	VIB5 C61
Carrer Information Center: Engineering, Science and Technology	IIA CIC-6	Opportunities in High Tech Careers	IIB 17-2000 G6
Career Opportunities in Science	IIB 19-0000 E25	Opportunities in Laser Technology Careers	IIB 17-3020 B61
College Board Book of Majors	IIC AA C7	Opportunities in Telecommunications Careers ...	IIB 27-3000 B61
College Majors & Careers	IIC AA P4	Physical Science Career Directory	VIB5 M6
Directory of Fla. Industries	VID FL 8	Physicists Occupational File	IIB 19-2012
Federal Career Opportunities	VIB2 U7	Professional Careers Sourcebook	IIA S2
Florida Aviation/Aerospace Directory	VIB5 E5		

For POSSIBLE electronic format for these or other related resources, use the FSU Libraries Catalog at lib.fsu.edu; select Advanced search: Keywords Anywhere = vocational and Title Keywords = type a specific career area (think of alternate terms to describe your career in case one doesn't give results).

* Please ask a career advisor for help in identifying resources for the occupations. Note that some of these options may require an advanced degree.*

Other Sources of Information

Choices Planner

www.flchoices.org

eDISCOVER

www.act.org/discover/login

(Obtain a User ID from a career advisor)

Encyclopedia of Careers & Voc. Guidance

IIA E6 v. 1-5

Occupational Outlook Handbook

www.bls.gov/oco

O*NET

www.onetcenter.org

SIGI 3

www.career.fsu.edu/sigi

(Obtain a User ID from a career advisor)

Sample Professional Organizations

American Association of Physics Teachers

One Physics Ellipse

College Park, MD

www.aapt.org

American Assn 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

www.jilawwww.colorado.edu

For other related professional organizations, go to FSU Libraries at lib.fsu.edu; select Database A-Z List; select Gale Databases; choose Associations Unlimited.

Sample Web Sites

Institute of Physics

www.iop.org/

Physics.org

www.physics.org/

Physics Central

www.physicscentral.com

Physics World.com

www.physicsworld.com

Other Resources

Check for registered student organizations that will help you explore your major

union.fsu.edu/sac/sos; select Search FSU Groups

Check for volunteer opportunities that will help you explore your major

thecenter.fsu.edu/students.html

Available in alternative format upon request.

Updated 10/10



THE
FLORIDA STATE
UNIVERSITY

The
Career Center
linking futures

850.644.6431 • career.fsu.edu