Physics/ Physical Science

Possible Career Options:

(some career options could require advanced study)

- Acoustics Physicist
- Aerodynamist
- Aerospace Engineer
- Aerospace Nondestructive Testing
- Agricultural Scientist
- Air Traffic Controller
- Applied Physicist
- Astronomer
- Astrophysicist
- Athletic Performance Trainer
- Atmospheric Physicist
- Atomic Physicist
- Atomic Engineer
- Automotive Engineer
- Biophysicist
- Cardiac Imaging Researcher
- Chemical Physicist
- College Professor
- Computational Physicist
- Computer Programmer
- Computer System Engineer
- Consultant-Management Information Systems
- Continue to Law degree
- Curator
- Design Engineer
- Engineering Mechanics Specialist
- Environmental Analyst
- Environmental Health Specialist
- Environmental Physicist
- Environmental Science, Architecture
- Field Representative
- Fluids Physicist
- Forensic Scientist
- Genetic Engineer
- Geodesist
- Geophysicist
- Health Physicist
- High-Tech Designer, Oil Industry
- Hydrogeologist
- Hydrologist
- Imaging Technician
- Industrial Hygienist
- Industrial/Institutional Buyer
- Instrumentation Technician Laboratory
- Investment Banker
- Laboratory Technician
- Laser Engineer
- Lawyer, Technology Specialty
- Mathematics and Physics Teacher
- Medical Physicist
- Medical Products Designer
- Medical Researcher
- Metallurgical Engineer
- Meteorologist
- Molecular Physicist
- National Laboratory Research Admin.
- Nuclear Magnetic Resonance Lab Director
- Nuclear Medicine Technologist
- Nuclear Physicist
- Nuclear Power Plant Project Manager
- Occupational Safety Specialist
- Oceanographer
- Oil Industry High-tech Designer
- Optical Medical device designer
- Optometrist
- Particle Accelerator Operations Analyst
- Photo Optic Technician
- Physicist
- Physics Researcher
- Physiognomist
- Plasma Physicist
- Process Engineer
- Project Manager
- Quality Control Manager
- Radiological Laboratory Director
- Research & Development Scientist
- Research administration
- Research Assistant
- Satellite Data Analyst
- Satellite Missions Analyst
- Science Writer
- Scientific Journalist
- Scientific Photographer
- Seismologist
- Self-employment
- Semi-Conductor Process Engineer
- Software Engineer
- Solid State Physicist
- Stratigrapher
- Surface Physicist
- Systems Analyst
- Teaching (K-12)
- Technical Consultant
- Technical Illustrator
- Technical Writer/Communicator
- Television Chief Engineer
- Test Engineer
- U.S. Government Technical Consultant
- University Laboratory Demonstrator

Transferable Skills:

- Computer programming skills
- Define research problems
- Design equipment
- Develop & write research proposals
- Develop research models
- Draw meaningful conclusions
- Establish experimental designs
- Establish hypotheses
- Evaluate ideas
- Gather/analyze data
- Identify/classify materials
- Inform, explain, instruct
- Logical thinking
- Maintain records
- Mathematical modeling
- Measure distances/relationships
- Mechanics
- Observe data
- Perform calculations
- Prepare technical reports
- Quantitative problem solving and
- Review scientific literature
- See relationships among factors
- Summarize research findings
- Use instruments
- Utilize math formulas

Employment and Salary Information:

Please visit Career Services at the following Web site:

http://www.fhsu.edu/career/

Occupation Information:

Please visit the Occupational Outlook Handbook Web site: **(does not have information on every occupation)**

http://www.bls.gov/oco/home.htm