

## What Can I Do With a Major in Physics?

### Possible Career Options

*(some career options could require advanced study)*

Agricultural Scientist  
 Air Traffic Control Specialist  
 Applied Physicist  
 Astronomer  
 Astrophysicist  
 Automotive Engineer  
 Computer Programmer  
 Consultant-Management Information Systems  
 Design Engineer  
 Engineering Mechanics Specialist  
 Environmental Analyst  
 Environmental Health Specialist  
 Forensic Scientist  
 Geologist  
 Geophysicist  
 Health Physicist  
 Hydrogeologist  
 Industrial Hygienist  
 Industrial/Institutional Buyer  
 Instrumentation Technician Laboratory Technician  
 Mathematician  
 Metallurgical Engineer  
 Meteorologist  
 Nuclear Medicine Technologist  
 Occupational Safety Specialist  
 Oceanographer  
 Optometrist  
 Physicist  
 Plasma Physicist  
 Project Manager  
 Quality Control Manager  
 Research Assistant  
 Research & Development Engineer  
 Sales Engineer  
 Science Laboratory Technician  
 Scientific Photographer  
 Semi-Conductor Process Engineer  
 Software Engineer  
 Solid State Physicist  
 Systems Analyst  
 Teacher, Science/Math  
 Technical Illustrator  
 Technical Writer/Communicator  
 Television Chief Engineer  
 Test Engineer

### Transferable Skills

Organizes, analyzes, and interprets scientific data  
 Operates and uses information derived from computers  
 Possesses an aptitude for accurate details  
 Questions and solves problems proficiently  
 Reads, writes, memorizes, and speaks proficiently  
 Possesses strong background in mathematics  
 Possesses good vision and manual dexterity

## **Employment Sites**

Past interns and graduates have worked at:

Gorman-Rupp Company

Shell Western E & P Inc.

## **Experiential Education**

Conducting preparatory work for experimental research in hydrodynamics for a laboratory

Conducting research on the physical laws of nature in a research laboratory

Using research in solid state physics to produce devices for a development laboratory

Studying the reentry of space vehicles into the atmosphere with NASA

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## **Additional Resources**

*Careers in Science*, (1996), VGM Career Horizons.

*Careers in Science and Engineering*, (1995).

*Occupational Outlook Handbook*, (2002-03), US Department of Labor.