ABOUT A DEGREE IN PHYSICS
The OU Department of Physics has a long tradition of educating scientists, engineers, and science teachers who have achieved distinguished careers as researchers and leaders of industry. A knowledge and understanding of the principles of physics not only leads to a profound understanding of the physical world, but also supplies insight to develop new and innovative ideas. The technology and devices that influence our daily lives are based upon the discoveries of physics.

Some areas of career focus include: astronomy, acoustical physics, astrophysics, biophysics, fluid and plasma physics, geophysics, nuclear, optical, solid state physics, and science education. Expertise and experience in a specialty area are usually required for employment opportunities directly related to physics.

RELATED SKILLS
Gather and organize information and data
Analyze and interpret scientific data
Make critical observations and appropriate decisions
Comprehend complex technical and scientific material
Conduct and explain scientific research
Discern accurate details
Problem solve
Debate, persuade, mediate, and present thoughts and opinions
Use mathematics to interpret and present information

HIRING INSTITUTIONS
Airlines
Atomic & Nuclear Labs
Colleges & Universities
Energy Companies
Engineering Firms
Environmental Firms
Federal Agencies
Government Laboratories
Hospitals
Manufacturing & Processing Firms
Military Branches

Observatories
Planetariums
Professional/Technical Journals
Public & Private Schools, K-12
Publishing Companies
Research Centers
Science Museums
Software Developers
Utility Companies
Weather Bureaus

Air Traffic Controller
Aerospace Engineer
Astrophysicist
Automotive Engineer
Biophysicist
Chemical Engineer
Chemist
Civil Engineer
Computational Physicist
Construction Consultant
Consultant
Curator
Educator, K-12
Electrical Engineer
Environmental Engineer
Geographer
Geophysicist
Hazardous Materials Manager
Inspector
Laboratory Technician
Light and Optics Specialist
Mathematician
Mechanical Engineer
Metallurgist
Meteorologist
Nuclear Engineer
Physicist
Pilot
Polution Analyst
Professor
Quality Control Specialist
Radiologist
Researcher
Scientific Editor
Seismologist
Technical-Science Writer

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