

# PHYSICS

## Introduction

Physics is the study of matter and energy. Specifically, physicists describe the structure and behavior of the universe and interaction of matter and energy. Most physicists specialize in one or more areas: nuclear, atomic, electron, or molecular physics.

### What Can I Do With This Degree?

- Astronomy
- Acoustical Physics
- Astrophysics
- Biophysics
- Fluid and Plasma Physics
- Geophysics
- Health Physics
- Medical Physics
- Nuclear Physics
- Optical Physics
- Science Education
- Solid State Physics

### Potential Occupations

- Acoustic Physicist
- Applied Researcher
- Atomic Physicist/Astronomer
- Biophysicist
- Cryogenics
- Educator
- Electronic Physicist
- Environmental Analyst
- Health Physicist/Geophysicist
- Laboratory Technician
- Mechanical Physicist
- Nuclear Physicist
- Product Tester
- Radiographer
- Research Assistant
- Science Editor

### Potential Employers

- Atomic/ Nuclear Labs
- Educational Institutions & Publications
- Electronics Industry
- Engineering Firms
- Government Agencies
- Hospitals
- Manufacturing/ Processing Firms
- Military Agencies
- NASA
- Nonprofit Research Centers
- Nuclear Plants
- Petroleum Companies
- Research Firms
- Technical Libraries

### Potential Job Tasks

1. Conduct and explain scientific research
2. Detailing
3. Operate and use computers
4. Problem solving

### Employers look for these desirable qualities:

- Curiosity and imagination
- Communicate ideas clearly, written and oral
- Work independently
- Mathematical ability

### For More Information:

CNM—School of Mathematics, Science and Engineering  
Main Campus, MS 563  
224-3561

CNM—Career Resource Center  
Main Campus, Student Services Building, Room SC203  
224-4344

American Institute of Physics: [www.aip.org](http://www.aip.org)

American Astronomical Association: [www.aas.org/](http://www.aas.org/)