

# PHYSICS/ PHYSICAL SCIENCE



## Most Popular Career Options:

(Some career options could require advanced study)

### Basic Research:

- Universities
- Technical Schools
- National Laboratories
- Industrial and Private Laboratories

### Engineering:

- Electronic
- Biomedical
- Mechanical
- Computer
- Civil
- Chemical
- Environmental
- Instrumentation

### Consulting:

- Industry
- Government
- Military

### Medicine:

- Radiation oncology
- Magnetic Resonance Imaging
- Radiation Protection
- Nuclear Medicine
- Diagnostic Instrumentation

## Other Possible Career Options:

### Education:

- Colleges
- Universities
- Technical Schools
- High Schools
- Elementary Schools
- Middle Schools

### Industry:

- Construction
- Food
- Chemical
- Aerospace
- Engineering
- Agriculture
- Consumer Products
- Energy
- Fuel
- Metallurgical
- Semiconductors

- Textile & Clothing
- Transportation
- Computers
- Electrical
- Laser Technology
- Materials

### Computer Science:

- Graphics/Software Design
- Peripherals
- Modeling
- Artificial Intelligence
- Data Processing
- Programming
- Computer Games

### Communications:

- Telecommunications
- Television
- Image Analysis
- Video Recording
- Photography
- Laser Technology

### Publishing:

- Technical Books
- Journals
- Software

### Environmental Science:

- Noise Control
- Pollution Control
- Conservation
- Radiation Protection
- Environmental Monitoring

### Non-Technical:

- Law
- Administration
- Business
- Journalism
- Museums
- Sports
- Accounting
- Marketing
- Art
- Science Communication

### Space and Earth Sciences:

- Astronomy
- Space Technology
- Geophysics
- Geology
- Atmospheric Sciences
- Energy & Resources
- Ocean Sciences

### 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 website:

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

## Occupation Information:

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

<http://www.bls.gov/ooh/>