Career Snaps are snapshot introduction resource pages that invite you to explore a list of career titles and consider what peaks your initial curiosity. Below are highlights of titles related to the major of Physics. Feel free to review and consider how these titles appeal to your interests and how you would like to apply your major further.

Please note: Career paths below vary in terms of required experience, education, and/or licensures and further research to career paths of interest is important to help identify which require advanced degrees or bachelor degrees.

Make Marks! Circle titles of interest and cross off those that don’t appeal to you to begin the exploration process. Keep in mind that this is not an exhaustive list but a starting point to connect your interests and to highlight some of the ways students with your major have transitioned to various career paths. Note that career titles may vary depending on the organization or company.

Career Titles

- Architect
- Art and Design
  - Medical Devices Designer, Medical Illustrator, Scientific Photographer, Technical Illustrator, etc.
- Air Craft Developer
- Air Traffic Controller
- Analyst
- Astronaut
- Astronomer
- Athletic Performance Trainer
- Atomic Physicist
- Aviation Inspector
- Ballistic Expert
- Biomedical Technician
- Biophysicist
- Carbon Trader
- Climatologist
- Community Risk Reduction Officer
- Consultant, Consultant Management Specialist
- Counseling
  - Clinical Counselor, Rehabilitation Psychologist, etc.
- Cryogenics Specialist
- Education
  - Academic Advisor, Admissions Officer, Assistant Professor, Associate Department Chair, Dean, Education Testing Administrator, Graduate Research Assistant, Graduate Teaching Assistant, Math Teacher, Middle and Secondary Education Teacher, Museum Science Educator, Training and Development Coordinator, etc.
- Electronics Technician

- Engineer
  - Aeronautical Engineer, Aerospace Engineer, Application Engineer, Associate Engineer, Automotive Engineer, Biomedical Engineer, Civil Engineer, Design Engineer, Development Engineer, Electrical Engineer, Electronic Engineer, Engineer Manager, Fiber Optics Engineer, Fire Prevention Engineer, Field Engineer, General Engineer, Genetic Engineer, Laser Engineer, Manufacturing Engineer, Mechanical Engineer, Metallurgical Engineer, Nuclear Engineer, Optical Engineer, Petroleum Engineer, Photonics Engineer, Power Systems Engineer, Process Engineer, Product Engineer, Project Engineer, Supply Developer Engineer, Systems Engineer, Technical Service Engineer, Television Chief Engineer, Test Engineer, etc.
- Environmental Health Specialist
- Environmental Scientist
- Forensic Scientist
- Geodesist
- Geophysical Surveyor
- Government
  - Astronomy and Space Science Specialist, Astrophysicist, Food Technology Specialist, Geophysicist, Government Funded Lab Professional Roles, Navigational Information Department, Physicist, Telecommunications, etc.
- Healthcare
  - Cardiac Imaging Researcher, Dentist, Health Physicist, Industrial Hygienist, Imaging Technician, Oral Surgeon, Optometrist, Photo-Optic Technician, Physician, etc.
- Human Resources
  - Compensation/Benefits Coordinator, Human Resources Director/Specialist, Recruiter, etc.
- Information Scientist
- Journalism
  - Broadcast News Analyst, Columnist, Correspondent, Journalist, Network Television Journalist, etc.
Career Titles (continued)

- Law
  - Attorney (Technology Specialty), Case Coordinator, Judge, Law Clerk, Legal Researcher, Mediator, Paralegal, Patent lawyer, etc.
- Librarian
- Manufacturing Technician
- Materials Scientist
- Mathematician
- Mathematician Medical Products Designer
- Metallurgist
- Meteorologist
- Navigation Equipment Specialist
- Nanotechnologist
- Non-Profit
  - Community Organizer, Development Manager, Events Planner, Fundraising Assistant, Program Director/Manager, Project Manager, Volunteer Coordinator, etc.
- Nuclear Power Plant Manager
- Oceanographer
- Occupational Safety Specialist
- Operations & Production Manager
- Optical Medical Devices Specialist
- Particle Accelerator
- Physicist
- Planetarium Operator
- Physiognomist
- Photogrammeter
- Power Plan Operator
- Public Relations and Advertising
  - Advertising Account Executive, Advertising Coordinator, Public Relations Director/Assistant, etc.
- Publishing and Editing
  - Editorial Assistant, Publisher, Proofreader, etc.
- Quality Assurance Specialist
- Radiation Protection Specialist
- Research
  - Industry Research Areas: Energy, Transportation, Telecommunications, Nanotechnology, Biotechnology, Medical Devices, Space and Satellites, Defense, etc.
  - Accelerator Operator, Agriculture Scientist, Associate Research Scientist, Clinical Research Computational Scientist, Coordinator, Lab Assistant/Technician, Laboratory Supervisor, Atmospheric and Space Scientist, Physical Sciences Technician, Research Assistant, Research Physicist, Research Scientist, Staff Scientist, etc.
- Sales, Technical Sales Specialist
- Seismologist, Seismic Observer
- Social Service
  - Social Worker, Resident Care Coordinator, Youth Services Coordinator, etc.
- Space Physics
  - Astronomer, Space Technician, etc.
- Stratigrapher
- Supervisor Product Manager
- Technical Advisor
- Technology
  - Computer Specialist, Computer Systems Engineer, IT Consultant, Network Security Administrator, Programmer, Software Engineer, Systems Analyst, Technical Support Staff, Web Developer, etc.
- Water Conservation Specialist, Water Reclamation Specialist
- Writer
  - Blogger, Freelance Writer, Grant Writer, Non-Fiction Writer, Science Writer, Technical Writer, etc.

Food For Thought

Take a minute to review the following questions and jot down thoughts that come to mind:

- Interests: What career areas below resonate with you the most and how do the careers you circled relate?
  - Astronomy and Space Physics
  - Atomic, Molecular, and Optical Physics
  - Chemical Physics
  - Computer Science
  - Business
  - Education
  - Engineering Physics
  - Government
  - Geophysics
  - Law
  - Medical Physics
  - Non-Profit
  - Nuclear Physics
  - Optical Physics
  - Research
  - Writing and Editing

- Skills: What skills that you enjoy are you interested using further in a profession?
  - Analytical skills, critical thinking, formulate logical arguments, independent and collaborative skills, information and data management, investigation skills, interpretation skills, mathematical reasoning skills, observation skills, problem solving, research, synthesize information, written communication skills, etc.

- Values: What core values are most important to you and how might careers you circled support these values?

Ready to Take the Next Step?