**What can I do with my Major?**

**PHYSICS**

**UCONN DEPARTMENT: Physics**
To learn more about this major check out the department website or schedule a meeting with an academic advisor.

**NATURE OF WORK**
There are broad applications of physics in many industries, including manufacturing, computer technology, engineering, biophysics, medicine, aerospace, pharmaceuticals, chemical companies, research labs, higher education, and government. There are also some opportunities in high-tech industries for those with a master’s degree in physics.

Physics prepares graduates with transferable skills and qualities that can be beneficial in a variety of industries and careers.

**UCONN RESOURCES**
- Physics Club
- Q Center
- Research Exposure and Education Development in STEM (REEDS)
- UConn Math Club
- Women in Math, Science, and Engineering (WiMSE)

**PROFESSIONAL ASSOCIATIONS & ADDITIONAL RESOURCES**
- American Physical Society
- American Institute of Physics
- American Astronomical Society
- American Vacuum Society (AVS)
- American Association of Physicists in Medicine
- American Nuclear Society
- American Association of Physics Teachers
- Acoustical Society of America
- Gamma Iota Sigma
- Materials Research Society
- Optical Society of America
- Society of Exploration Geophysicists
- Society of Physics Students

**SAMPLE JOB TITLES**
Visit O*Net and conduct an Occupation Quick Search of each job title to learn more about that career path.
- Advanced Mathematical Physicist
- Aerospace Engineer
- Astrophysicist
- Atomic Physicist
- Cardiac Imaging Researcher
- Chemical Physicist
- Contracts Specialist
- Cost Estimator/Analyst
- Cryptologist
- Demographer
- Econometrician
- Financial Associate
- Geophysicist
- Health Physicist
- Inventory Control Specialist
- Mathematician
- Market Analyst
- Medical Physicist
- Military Weapons Designer
- Nuclear Physicist
- Nuclear Plant Manager
- Numerical Analyst
- Optical Devices Designer
- Optical Physicist
- Plasma Physicist
- Quality Assurance Analyst
- Research Analyst
- Satellite Missions Analyst
- Science Writer/Editor
- Senior Technical Advisor
- Seismologist
- Software System Consultant
- Software Support Specialist
- Solid State Physicist
- Space Photographic Data Analyst
- Stratigrapher
- Teacher/Professor
- Technical Consultant
- Theoretical Analyst

A liberal arts and sciences education develops critical thinking, written and oral communication, versatility and problem solving skills, which are valuable in any career and will help students adapt to an ever-changing world.