

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)

[Additional organizations \(and the most current information\) can be found at the UConn Student Activities Website.](#)

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.