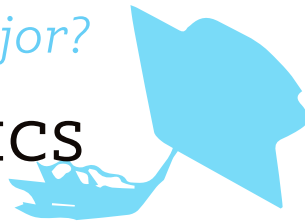


What can I do with my Major?



ENGINEERING 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

The Engineering Physics program prepares students to work in the fields of microelectronics, quantum electronics, photonics, quantum optics, and instrumentation with applications in the microelectronics and computers, communications, aerospace, and energy industries.

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

UCONN RESOURCES

American Society of Mechanical Engineers
Electrical and Electronics Engineers, The Institute of (IEEE)
UConn Energy Club
Management and Engineering for Manufacturing Society
Physics Club
Research Exposure and Education Development in STEM
Society of Women Engineers (SWE)
SPIE UConn Student Chapter
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 Association of Physicists in Medicine
American Nuclear Society
American Association of Physics Teachers
Acoustical Society of America
American Society of Mechanical Engineers
Biophysical Society
Institute of Electrical & Electronics Engineers - IEEE
Materials Research Society
National Society of Black Engineers
National Society of Professional Engineers
Optical Society of America
Society of Exploration Geophysicists
Society of Mechanical Engineers
Society of Physics Students
Society of Women Engineers - SWE

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
Astronomer
Atomic Physicist
Biophysicist
Cardiac Imaging Researcher
Chemical Physicist
Corporate Technical Researcher Engineer
Fluid Physicist
Geophysicist
Health Physicist
Manufacturing Specialist
Medical Physicist
Military Weapons Designer
Molecular Physicist
Nuclear Physicist
Nuclear Plant Manager
Optical Devices Designer
Optical Physicist
Particle Physicist
Plasma Physicist
Physics Teacher/Professor
Programmer Analyst
Satellite Missions Analyst
Science Writer/Editor
Seismologist
Stress Analyst
Solid State Physicist
Space Photographic Data Analyst
Stratigrapher
Technical Consultant