What can I do with my Major?

STRUCTURAL BIOLOGY & BIOPHYSICS

UCONN DEPARTMENT: Structural Biology & Biophysics
To learn more about this major check out the department website or schedule a meeting with an academic advisor.

NATURE OF WORK
Structural biologists and biophysicists focus mainly on research, but this research can vary greatly and include both basic and applied research. However, the essence of this research remains the same. Research topics range from studying the DNA in cells to developing a framework for understanding the function of living organisms. This can include the study of electrical impulses along the nerves; the study of brain functions; and the study of sight and hearing.

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

Transferable skills and qualities include:
Writing/Communication, Quantitative Reasoning, Critical Thinking/Problem Solving, Leadership/Teamwork, Diversity

PROFESSIONAL ASSOCIATIONS & ADDITIONAL RESOURCES
American Institute of Biological Sciences
American Institute of Physics
American Physical Society
Association of Science - Technology Centers
Federation of American Societies for Experimental Biology
The Biophysical Society
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
Biochemists and Biophysicists
Biochemical Engineer
Biomedical Engineer
Biological Science Teacher, Postsecondary
Biophysical Mathematical Modeler
Cardiac Imaging Researcher
Cell Program Manager
Director of Surface Characterization
Environmental Specialist
Health Physicist
Medical Physicist
Military Weapons Designer
Nuclear Physicist
Nuclear Plant Manager
Optical Physicist
Plasma Physicist
Patent Attorney
Patent Liaison
Physicist
Professor
Research Associate
Science Writer/Editor
Senior Chemist
Senior Principal Scientist
Senior Scientist

Additional organizations (and the most current information) can be found at the UConn Student Activities website.