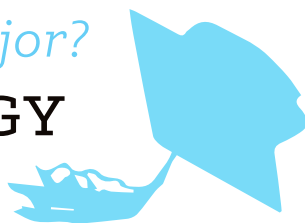


*What can I do with my Major?*

# 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.

## UCONN RESOURCES

Alpha Beta Epsilon  
Bioethics Club, UConn  
Biology Club  
Controlled Release Society  
Department of Molecular &  
Cell Biology  
Women in Math, Science and  
Engineering

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

## 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  
Chemist  
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  
Scientist

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.