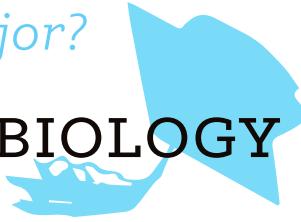


# What can I do with my Major?

## MOLECULAR & CELL BIOLOGY



### UCONN DEPARTMENT: Molecular & Cell Biology

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

#### NATURE OF WORK

Molecular and cell biologists study molecular aspects of various cellular structures and processes. Their work can vary from finding cures to various diseases to developing therapeutic drugs to working on stem cell research and many other areas within the medical development field. A molecular and cell biologist may also find him- or herself working on research that involves cloning, gene expression, cell growth and development, and other types of laboratory work. Recording and analyzing various types of data is an important part of working as a molecular and cell biologist and will often be a part of one's job.

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

#### UCONN RESOURCES

Alpha Beta Epsilon  
American Society for Microbiology,  
UConn Student Chapter  
Bioethics Club  
Biology Club  
Research Exposure and Education  
Development in STEM (REEDS)  
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 Institute of Biological Sciences  
American Association of Pharmaceutical Scientists  
American Society for Biochemistry and Molecular Biology  
American Society for Cell Biology  
American Society for Microbiology  
Association of Science - Technology Centers  
Biophysical Society  
International Society for Clinical Biostatistics  
National Association of Biology Teachers  
National Science Teachers Association

#### SAMPLE JOB TITLES

Visit *O\*Net* and conduct an Occupation Quick Search of each job title to learn more about that career path.

Analytical Chemist  
Arborist  
Aquarist  
Bacteriologist  
Biological Technician  
Bioinformatics Scientist  
Biological Science Teacher,  
Postsecondary  
Biochemists and Biophysicists  
Bioinformatics Technician  
Biologist  
Biochemical Engineer  
Biomedical Engineer  
Cell Culture Specialist  
Clinical Research Coordinator  
Crime Lab Analyst  
Curator  
Cytologist  
Geneticist  
Ecologist  
Entomologist  
Environmental Specialist  
Fisheries Biologist  
Food Scientist  
Infectious Disease Specialist  
Marine Biologist  
Medical Investigator  
Microbiologist  
Molecular and Cellular Biologists  
Museum Technician  
Parasitologist  
Patent Attorney  
Pathologist  
Pharmacologist  
Physician  
Professor/Teacher  
Science Writer  
Toxicologist  
Zoologists and Wildlife Biologists

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.