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

UCONN
CENTER FOR CAREER DEVELOPMENT

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.

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