What can I do with my Major?

ECOLOGY AND EVOLUTIONARY BIOLOGY

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

NATURE OF WORK
Within the field of ecology and evolutionary biology, there are many career paths. One can work on basic research doing lab work or one can be involved in more applied work. Applied research can include studying species harvested for cosmetics, or for use in pharmaceuticals, or how harvesting affects species’ populations. Part of the job may be doing fieldwork in a variety of locations or doing research in academic settings. Other biologists work in managerial or administrative positions, usually after spending time doing research and learning about a firm, agency, or project.

Ecology and Evolutionary Biology Sciences 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

UCONN RESOURCES
Alpha Beta Epsilon (ABE)
American Society for Microbiology, UConn Student Chapter (Microbio Society)
Bioethics Club, UConn Biology Club
Research Exposure and Education Development in STEM (REEDS)
Women in Math, Science, and Engineering (WiMSE) (WiMSE Club)

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
Association of Science - Technology Centers
Biophysical Society
Ecological Society of America
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.

Arborist
Aquarist
Bacteriologist
Biological Technician
Bioinformatics Scientist
Biochemists and Biophysicists
Bioinformatics Technician
Biologist
Crime Lab Analyst
Ecologist
Ecologist Risk Assessor
Ecotourism Coordinator
Ecotoxicologist
Entomologist
Environmental Educator
Environmental Lobbyist
Environmental Specialist
Fisheries Biologist
Fish Hatchery Mgr.
Food Scientist
Forensic Scientist
Forester
Geneticist
Hydrogeologist
Marine Biologist
Marine Conservationist Microbiologist
Museum Technician
Nursery Owner
Oceanographer
Park Conservationist
Pathologist
Pharmacologist
Plant Geneticist
Research Biologist
Science Writer
Soil Scientist
State Park Employee
Water Purification Chemist
Zoologists and Wildlife Biologists