What can I do with a major in Ecology

The information below describes typical occupations and employers associated with this major. Understand that some of the options listed below may require additional training. Moreover, you are not limited to these options alone when choosing a possible career path.

Description of Ecology

The Ecology program is intended for students interested in the environment and combines coursework in Botany, Ecological Census Techniques, Herpetology, Entomology, Toxicology, Parasitology, and Ecology. As an Ecology major you will gain understanding of how natural living systems function, develop and interact with the environment. You will also learn how ecosystems can be managed and conserved. Through your coursework, you gain invaluable experience in experimental design and analysis and become proficient in data analysis. Last but not least, you will have opportunities to present your research at the annual CBU research poster session and at a scientific meeting.

Possible Job Titles of Ecology Graduates (Includes Full-Time, Internships & Co-Ops)
(*Jobs secured as reported by CBU Career Services post-graduate survey)

- Analytical Chemist
- Bacteriologist
- Biochemist
- Botanist
- Clinical Research Coordinator
- Conservation/Environmental Scientist
- Crime Lab Analyst
- Ecological Science Writer/Librarian
- Ecologist
- Ecotourism Coordinator
- Environmental Educator
- Environmental Lobbyist
- Environmental Specialist
- Field Study Coordinator
- Fish Hatchery Manager
- Forensic Scientist
- Greenways Coordinator
- Hydrogeologist
- Lab Tech Assistant
- Nature Preserve Manager
- Nursery Owner
- Oceanographer
- Parasitologist
- Park Conservationist
- Plant Geneticist
- Public Affairs Mgr.
- Public Health Specialist
- Remediation Specialist
- Soil Scientist
- Storm water Program Manager
- Water Purification Chemist
- Water Resources Mgr.
- Watershed Technologist
- Wetlands Scientist
- Wildlife Biologist
- Wildlife Manager

Possible Employers and Employment Settings for Ecology Graduates
(*Jobs secured as reported by CBU Career Services post-graduate survey)

- Agricultural Research Stations
- Animal Habitat Research
- Arbormetrics Solutions
- Biotechnology firms
- Botanical Gardens
- Bureau of Land Management
- Bureau of Reclamation
- Civil & Environmental Consultants
- Cooperative Extension Services
- Department of Environmental Conservation
- Department of Interior
- Department of Natural Resources
- ECT
- Engineering Firms
- ENSAFE (environmental consulting)
- Environmental Firms/Groups
- EPA
- Flyaway Farm and Kennels
- Forest Management Agencies
- Halliburton
- ICF International
- Joseph W Jones Ecological
- Memphis Storm Water Management
- Memphis Zoo
- Merck
- Merieux Laboratories Inc.
- Nature Conservancies
- Nature Science Centers
- Neural Signals, Inc.
- New England Medical Center
- Ocean Aquariums
- Princeton Hydro
- Republic Services
- Research Centers
- Shade Tree Commission
- Soil Conservation Service
- Tennessee Natural Heritage Program
- Tennessee Wildlife Resources Agency
- U.S. Army Corps of Engineers
- Watershed Associations
- Webuild Services
- World Wildlife Fund
Skill Sets and Interests Associated with Ecology Majors
Proficiency in reading comprehension and research
Skilled at understanding patterns as they develop
Ability to solve problems in a systematic fashion
Investigative, likes to think analytically, ask critical questions
Capable of maintaining objectivity
Imaginative and able to think outside the box
Capable of explaining complex data
Ability to conduct scientific research
Awareness of community needs
Propensity to be a leader

Top Career Services Resources for Ecology Majors
Capable of explaining complex data
Ability to conduct scientific research

Sign up for a free account and find out what careers you might be a fit for using:
TypeFocus: [www.typefocus.com](http://www.typefocus.com) (Access Code: CBU8998)
SIGI 3: [www.tinyurl.com/cbusigi](http://www.tinyurl.com/cbusigi)

CBU Campus Contacts Associated with Ecology Major
Dr. James Moore - Assistant Professor
(901) 321-3451 – [jmoore25@cbu.edu](mailto:jmoore25@cbu.edu)
Lynda Miller - Science Lab Coordinator
(901) 321-3090 - [lmiller@cbu.edu](mailto:lmiller@cbu.edu)

Additional Resources/Contacts for Ecology Majors
Botanist
Job board from the Botanical Society of America

Conservationist
Conservation Job Board
[http://wfscjobs.tamu.edu/job-board/](http://wfscjobs.tamu.edu/job-board/)

Job Board from the Society of Conservation Biology
[http://www.conbio.org/professional-development/scb-job-board/](http://www.conbio.org/professional-development/scb-job-board/)

Ecologist/Wildlife Biology
Job board from the Ecological Society of America
[http://www.esa.org/esaf?page_id=1315](http://www.esa.org/esaf?page_id=1315)

Job Board from the Ecological Society of America – Physiological Ecology Section

Job Board from Texas A&M University
[http://wfscjobs.tamu.edu/job-board/](http://wfscjobs.tamu.edu/job-board/)

Entomologist
Job Board from the Entomological Society of America
[http://www.entsoc.org/listjobs](http://www.entsoc.org/listjobs)

Freshwater Science Job Board from the Society of Freshwater Science

Herpetology
Job Board from Partners in Amphibian and Reptile Conservation
[http://www.parcplace.org/resources/job-listings.html](http://www.parcplace.org/resources/job-listings.html)