

What can I do with a degree in... Zoology or Conservation Science?



OSU Department of Zoology

The Department of Zoology offers B.S. degrees in biological science, physiology, conservation science, and zoology. M.S. and Ph.D. degrees are offered in conservation science and zoology.

Jobs Held by OSU Zoology Department Graduates

- Wildlife Manager, *Norfolk Southern*
- Fishery Biologist, *Texas Parks & Wildlife*
- Naturalist Instructor, *Oklahoma City Zoo*
- Writer, *Oklahoma Department of Wildlife*
- Hatchery Tech., *Oklahoma Department of Wildlife*
- Data Analyst, *Oklahoma Army National Guard*
- Wildlife Research, *Colorado Division of Wildlife*
- Environmental Operations, *City of Tulsa*
- Environmental Chemist, *Accurate Labs*

Additional Job Opportunities

- Soil Conservationist
- Biological Technician
- Park Ranger
- Biology Instructor
- Range Land Conservationist
- Agricultural Zoologist
- Fisheries Biologist
- Food and Drug Officer
- Wildlife Biologist
- Museum Curator
- Research Officer
- Environmental Lawyer

For More Information

Arts & Sciences Career Services
OSU, 203 Life Sciences East
Stillwater, OK 74078-3016
405.744.7547, 405.744.2134, 405.744.1189
jmich@okstate.edu or elizao@okstate.edu

Job Web Sites

American Zoo and Aquarium Association

<http://www.AZA.org>

Living Web Library

<http://www.livingweb.com/library/590.htm>

Bio View (Careers in Biology)

<http://bioview.com>

NASA Jobs

<http://www.nasajobs.nasa.gov>

National Science Foundation

<http://www.nsf.gov>

Biology Jobs

<http://www.biologyjobs.com>

Conservation Commission

<http://www.okcc.state.ok.us/>

Oklahoma Department of Environmental Quality

<http://www.deq.state.ok.us/>

Wildlife Conservation

<http://www.state.ok.us/~odwc/>

National Parks Service

<http://www.nps.gov/>

Internship Web Sites

Tulsa City Zoo

<http://www.tulsazoo.com/>

Oklahoma City Zoo

<http://www.okczoo.com/>

Southwest Florida Research and Education Center

<http://www.agen.ufl.edu/~wq/interns.html>

Oak Ridge Associated Universities

<http://www.orau.org/>

NASA Academy Summer Program

<http://www.nasa-academy.nasa.gov/>

Careers that Require Graduate Study:

Biotechnology, Genetics, Microbiology, Mycology
Systematic Biology, Entomology, Marine and Aquatic
Biology, Zoology, Physiology, Biophysics,
Biochemistry, Pharmacology, Immunology, Pathology

Sample Careers in Zoology or Conservation

Biological Sciences

Biological and medical scientists study living organisms and their relationship to the environment. They research problems dealing with life processes. Most specialize in some area of biology such as zoology or microbiology (the study of microscopic organisms). Many are involved in the research and development of new drugs and medical treatments. This includes researching infectious diseases and harmful biological agents.

Physiology

Physiology is the study of life, specifically, how cells, tissues, and organisms function. Physiologists are constantly trying to answer key questions in areas ranging from the functions of single cells to the interactions between human populations and the environment

Zoology

Zoologists study living organisms, particularly people and animals. The work of zoologists is very important in industries, such as medicine and medical research and development, veterinary medicine and wildlife conservation.

Conservation Science

Wildlife and fisheries ecologists work heavily in the areas of wildlife conservation and environmental science. They seek understanding on the relationships between people and animals in the context of nature.

Career Options - Conservation Science

- Field Observation Scientist
- Research Technician
- Consultant for Logging, Timber, Petroleum, or Mining companies.
- Federal Government Agent (Forest Service, Department of Defense, Fish and Wildlife Service)
- State Government Agent (Wildlife Management, Conservation Officer)
- Educator for Safety and Conservation
- Law Enforcement Officer (National or State Park Ranger, Game Ranger, Game Warden)
- Limnologist
- Wildlife Biologist
- Ecologist

Career Options within Biological Sciences, Physiology, and Zoology

- Agricultural Scientist
- Advisor or Researcher for Federal Government (FDA, CDC, USDA, Department of Defense or Homeland Security)
- Advisor or Researcher for State Departments (Health and Human Services)
- Developer/Researcher - Pharmaceuticals
- Researcher at a College or University
- Medical Researcher
- Veterinary Medicine
- Education (Instructor - College or University)
- Animal Caretaker
- Environmental Law
- Museum Curator
- Pharmaceuticals

Potential Employers

- Agricultural Product Manufacturers/Developers (veterinary supply, medicine, pesticide and animal nutrition companies)
- Animal Hospitals/Clinics
- County Government Agencies (soil, water and natural resource conservation districts)
- National Government Agencies (FDA, CDC, USDA, Dept. of Defense or Homeland Security)
- Research Labs (Corporate or Government)
- State Government Agencies (Oklahoma D EQ, Department of Agriculture, Department of Wildlife Conservation)
- Universities and Colleges (research or instruction)
- Wildlife Preserves and refuges (United States/other Countries)
- TV show: The Crocodile Hunter
- Zoos
- Law Enforcement
- National Parks