



CAREER PATH

Natural Resources Agriculture

CAREER CLUSTER

Agriculture, Food and Natural Resources

CAREER PATHWAY

Animal Systems



ZOOLOGIST

Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife. May specialize in wildlife research and management, including the collection and analysis of biological data to determine the environmental effects of present and potential use of land and water areas.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a zoologist are reinforced by taking rigorous and relevant courses, as well as participating in work-based experiences and student organization activities.

(See the Sample Personal Plan of Study for suggested coursework, activities, and knowledge and skills to pursue in preparation of an occupation in this Career Cluster.)

Education Requirements

| Occupation | Percent of Missouri employees aged 25 to 44 in the occupation whose highest level of educational attainment is: | | |
|------------------------------------|---|--------------|-------------------------|
| | High School or Less | Some College | Bachelor Degree or More |
| Zoologists and wildlife biologists | 0.0% | 5.3% | 94.6% |
| Life scientists | 0.0% | 8.6% | 91.4% |
| Life, physical and social science | 5.6% | 12.7% | 81.7% |

Most Common Educational Level: Bachelor's degree

Note: Be sure to learn whether your occupation has a specific requirement for education or licensing. Apprenticeships are available for more than 240 occupations. Visit www.oa.doleta.gov/bat.cfm

National and State Wage Information

| Location | Pay Period | 2007 | | |
|---------------|------------|----------|----------|---------------|
| | | Entry* | Median | Experienced** |
| United States | Hourly | \$20.75 | \$26.49 | \$33.77 |
| | Yearly | \$43,200 | \$55,100 | \$70,200 |
| Missouri | Hourly | \$17.24 | \$21.23 | \$26.38 |
| | Yearly | \$35,900 | \$44,200 | \$54,900 |

Based on (*) lower 25% and (**) upper 25% percentile of wages

National and State Employment Trends

| Zoologist | Employment | | Percent Change | Job Openings* |
|---------------|------------|--------|----------------|---------------|
| | 2006 | 2016 | | |
| United States | 20,100 | 21,800 | + 9% | 580 |
| Missouri | 400 | 420 | + 6% | 20 |

*The estimate for Job Openings includes both turnover that results from people who leave the occupation (e.g. quit, retire, death) and new jobs that are created.

Educational Opportunities

Note: This list may not be all inclusive. For more information about Missouri schools and programs, visit www.dhe.mo.gov

College of the Ozarks

Point Lookout, MO
(417) 334-6411
www.cofo.edu

Missouri State University

Springfield, MO
(417) 836-5000
www.missouristate.edu

Missouri Western State University

Saint Joseph, MO
(816) 271-4200
www.missouriwestern.edu

Northwest Missouri State University

Maryville, MO
(660) 562-1212
www.nwmissouri.edu

University of Missouri - Columbia

Columbia, MO
(573) 882-2121
www.missouri.edu

University of Missouri - Kansas City

Kansas City, MO
(816) 235-1000
www.umkc.edu

William Jewell College

Liberty, Mo
(816) 781-7700
www.jewell.edu



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