



CAREER PATH

Natural Resources Agriculture

CAREER CLUSTER

Agriculture, Food and Natural Resources

CAREER PATHWAY

Natural Resources and Environmental Service Systems



FOREST AND CONSERVATION TECHNICIAN

Compile data pertaining to size, content, condition, and other characteristics of forest tracts, under direction of foresters; train and lead forest workers in forest propagation, fire prevention and suppression. May assist conservation scientists in managing, improving, and protecting rangelands and wildlife habitats, and help provide technical assistance regarding the conservation of soil, water, and related natural resources.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a forest and conservation technician 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
Forest and conservation technicians	19.4%	34.9%	45.7%
Life, physical and social science technicians	23.7%	32.8%	43.5%
Life, physical & social science	5.6%	12.7%	81.7%

Most Common Educational Level: Associate'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	\$13.24	\$16.12	\$20.70
	Yearly	\$27,500	\$33,500	\$43,100
Missouri	Hourly	\$9.53	\$12.36	\$15.80
	Yearly	\$19,800	\$25,700	\$32,900

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

National and State Employment Trends

Forest and Conservation Technician	Employment		Percent Change	Job Openings*
	2006	2016		
United States	33,800	33,200	-2%	1,290
Missouri	430	440	N/A	10

*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

Northwest Missouri State University

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

University of Missouri - Columbia

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



www.missouriconnections.org

**MISSOURI DEPARTMENT OF
ELEMENTARY AND SECONDARY
EDUCATION**



www.dese.mo.gov

**MISSOURI DEPARTMENT
OF HIGHER EDUCATION**



*Building Missouri's future...
by degrees*

www.dhe.mo.gov

**MISSOURI DEPARTMENT
OF ECONOMIC DEVELOPMENT**



www.missouricareersource.com



www.missourieconomy.org