



CAREER PATH

Natural Resources Agriculture

CAREER CLUSTER

Agriculture, Food and Natural Resources

CAREER PATHWAY

Natural Resources and Environmental Service Systems



FORESTER

Manage forested lands for economic, recreational, and conservation purposes. May inventory the type, amount, and location of standing timber, appraise the timber's worth, negotiate the purchase, and draw up contracts for procurement. May determine how to conserve wildlife habitats, creek beds, water quality, and soil stability, and how best to comply with environmental regulations. May devise plans for planting and growing new trees, monitor trees for healthy growth, and determine the best time for harvesting. Develop forest management plans for public and privately-owned forested lands.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a forester 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
Foresters	1.9%	13.7%	84.5%
Life scientists	6.0%	8.7%	89.3%
Life, physical & social science	5.8%	14.3%	78.9%

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	2008		
		Entry*	Median	Experienced**
United States	Hourly	\$20.66	\$25.84	\$31.25
	Yearly	\$43,000	\$53,700	\$65,000
Missouri	Hourly	\$19.04	\$23.74	\$29.39
	Yearly	\$39,600	\$49,400	\$61,100

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

National and State Employment Trends

Foresters	Employment		Percent Change	Job Openings*
	2008	2018		
United States	11,500	12,900	+12%	260
Missouri	160	170	+8%	N/A**

*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.

**N/A is displayed in cases where data cannot be published because of federal data privacy standards.

Educational Opportunities

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

Drury University

Springfield, MO
(417) 873-7879
www.drury.edu

University of Missouri - Columbia

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



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