



CAREER PATH

Natural Resources Agriculture

CAREER CLUSTER

Agriculture, Food and Natural Resources

CAREER PATHWAY

Natural Resources and Environmental Service Systems



ATMOSPHERIC & SPACE SCIENTISTS

Investigate atmospheric phenomena and interpret meteorological data gathered by surface and air stations, satellites, and radar to prepare reports and forecasts for public and other uses. Includes weather analysts and forecasters whose functions require the detailed knowledge of a meteorologist.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as an atmospheric and space scientist 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
Atmospheric and space scientists	0.0%	0.0%	85.4%
Physical Scientists	0.0%	4.0%	96.0%
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	\$24.96	\$37.69	\$47.35
	Yearly	\$51,900	\$78,400	\$98,500
Missouri	Hourly	\$35.50	\$42.57	\$47.99
	Yearly	\$73,800	\$88,500	\$99,800

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

National and State Employment Trends

Atmospheric & Space Scientists	Employment		Percent Change	Job Openings*
	2006	2016		
United States	8,800	9,700	+ 11%	310
Missouri	130	130	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

Saint Louis University

- Main Campus

Saint Louis, MO

(314) 977-2222

www.imagine.slu.edu

University of Missouri

- Columbia

Columbia, MO

(573) 882-2121

www.missouri.edu



**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
