



CAREER PATH

Health

CAREER CLUSTER
Health Sciences

CAREER PATHWAY
Therapeutic Services



PHARMACIST

Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use. May advise physicians and other health practitioners on the selection, dosage, interactions, and side effects of medications.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a pharmacist 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
Pharmacists	0.0%	0.00%	100.0%
Health diagnosing and treating practitioners	1.3%	11.4%	87.4%
Healthcare practitioner/technical	9.9%	31.0%	59.1%

Most Common Educational Level: First professional 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.oe.doleta.gov/bat.cfm.

National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$42.34	\$48.31	\$55.30
	Yearly	\$88,100	\$100,500	\$115,000
Missouri	Hourly	\$41.73	\$46.40	\$52.94
	Yearly	\$86,800	\$96,500	\$110,100

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

National and State Employment Trends

Pharmacist	Employment		Percent Change	Job Openings*
	2006	2016		
United States	243,500	296,400	+ 22%	9,510
Missouri	4,790	5,650	+ 18%	180

*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

Heritage College

Kansas City, MO
(816) 942-5474
www.heritage-education.com

St. Louis College of Pharmacy

Saint Louis, MO
(314) 367-8700
www.stlcp.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



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