



CAREER PATH

# Health

CAREER CLUSTER  
Health Sciences

CAREER PATHWAY  
Therapeutic Services



## PHYSICIAN / SURGEON

All physicians and surgeons not listed separately.

### Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a physician/surgeon 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
Physicians and surgeons	0.0%	0.0%	100.0%
Health diagnosing and treating practitioners	1.3%	11.4%	87.4%
Healthcare Practitioner and Technical	9.9%	31.0%	59.1%

PA educational Level (required in Missouri): First professional degree

Note: Be sure to learn whether your occupation has a specific requirement for education or licensing.

### National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$45.45	\$70.01+	\$70.01+
	Yearly	\$94,500	\$145,600+	\$145,600+
Missouri	Hourly	\$56.01	\$70.01+	\$70.01+
	Yearly	\$116,500	\$145,600+	\$145,600+

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

### National and State Employment Trends

Physician	Employment		Percent Change	Job Openings*
	2006	2016		
United States	633,300	723,500	+ 14%	20,440
Missouri	11,040	12,960	+ 17%	340

\*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](http://www.dhe.mo.gov)*

#### A T Still University of Health Sciences

Kirkville, MO  
(660) 626-2121  
[www.atsu.edu](http://www.atsu.edu)

#### Kansas City University of Medicine & Biosciences

Kansas City, MO  
(816) 283-2000  
[www.kcumb.edu](http://www.kcumb.edu)

#### Saint Louis University - Main Campus

Saint Louis, MO  
(314) 977-2222  
[www.imagine.slu.edu](http://www.imagine.slu.edu)

#### University of Missouri - Columbia

Columbia, MO  
(573) 882-2121  
[www.missouri.edu](http://www.missouri.edu)

#### University of Missouri - Kansas City

Kansas City, MO  
(816) 235-1000  
[www.umkc.edu](http://www.umkc.edu)

#### Washington University in St Louis

Saint Louis, MO  
(314) 935-5000  
[www.wustl.edu](http://www.wustl.edu)



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[www.dese.mo.gov](http://www.dese.mo.gov)

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