

## Target Group:



## Occupational Profile

# Medical Laboratory Scientist

Standard Occupational Code 29-2011.00

## What They Do

Perform complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff.

## Is This For You?

**Work Interests** are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

**Investigative** – involve working with ideas, and require an extensive amount of thinking. Includes searching for facts and figuring out problems mentally.

**Realistic** - Enjoy work activities that involve practical, hands-on problems and solutions.

**Conventional** - Enjoy following a set of procedures and routines with a clear line of authority to follow. May include working with data and details more than ideas.

**Work Values** are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Support** - Offer supportive management that stands behind employees.

**Independence** – Allow employees to work on their own and make decisions.

**Achievement** – Results oriented occupation that allows employees to use their strongest abilities, giving them a feeling of accomplishment.

**Abilities** reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career:

- Near Vision
- Written Comprehension
- Inductive Reasoning
- Oral Comprehension
- Deductive Reasoning
- Information Ordering

## Skills You Need

- Active Listening
- Critical Thinking
- Reading Comprehension
- Science
- Operation Monitoring
- Active Learning
- Complex Problem Solving
- Monitoring

## Education & Training

Medical laboratory scientists need a **bachelor's degree in medical technology or related program.**

## Requirements for the National Career Readiness Certificate (NCRC)

	Median Skill Level
Applied Mathematics	5
Reading for Information	5
Locating Information	4

## Where They Work

The South Dakota Industries which employ the largest number of medical laboratory scientists are:

- General Medical and Surgical Hospitals
- Offices of Physicians
- Federal Government
- Medical and Diagnostic Laboratories
- Other Ambulatory Health Care Services

## SD Employment & Wages

2014 Workers	2024 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Median Annual Wage
740	810	70	10%	30	\$51,120

## Additional References

Labor Market Information Center

[www.dlr.gov/mic](http://www.dlr.gov/mic)

Career OneStop

[www.careeronestop.org](http://www.careeronestop.org)

O\*Net Online

[www.onetcenter.org](http://www.onetcenter.org)

mySkills myFuture

[www.myskillsmyfuture.org](http://www.myskillsmyfuture.org)

## Provided By

Labor Market Information Center  
South Dakota Dept. of Labor Regulation  
605.626.2314

Visit [www.dlr.sd.gov/mic](http://www.dlr.sd.gov/mic) and choose Career Exploration & Planning from the left-hand menu, then Hot Careers to obtain most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in the work interests, work values, abilities and skills sections of this occupational profile

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