

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 - Interested in science and logic. They like to analyze, evaluate, and solve problems, and enjoy learning and understanding the causes of events.

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.**

SD Employment & Wages

2012 Workers	2022 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Median Annual Wage
810	865	55	6.8%	27	\$50,600

Additional References

South Dakota Career InSite

www.sdjobs.org/careerinsite

Career OneStop

www.careeronestop.org

O*Net Online

online.onetcenter.org

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

Visit www.sdjobs.org/lmic/occprofiles to obtain the most recent workforce data and trends. Also available are explanations of the terms used for work interests, work values, abilities, and skills sections of occupational profiles.