

Medical Laboratory Science

Doisy College of Health Sciences



SAINT LOUIS UNIVERSITY

—
DOISY COLLEGE OF HEALTH SCIENCES

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Accreditation

The Department of Biomedical Laboratory Science at Saint Louis University has been continuously accredited since the graduation of its first class in 1933.

We are one of the oldest programs in the nation founded in 1929 and boast over 80 years of educational service to the medical laboratory science profession.

The program is accredited by:

**National Accrediting Agency for
Clinical Laboratory Science**

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Rosemont, IL 60018

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naaccls.org

Mission Statement

In the tradition of the broader University and the Edward and Margaret Doisy College of Health Sciences, the Department of Biomedical Laboratory Science has as its' mission, the service of humanity through the education of health care professions in the laboratory sciences. It further strives to promote professional scholarship and support community service programs.

As an academic department, we are committed to the pursuit of truth through research, publication, and other scholarly endeavors. Our faculty members are singularly dedicated to effective and innovative educational methodologies. It is, therefore, our intent to develop these requisite competencies and values in our students and encourage each individual to attain his or her fullest potential.

The department's pursuit of this mission is rooted in Judaeo-Christian doctrine, nourished by the spirit of the Gospels, and guided by the educational philosophies of the Society of Jesus.



Clinical Affiliates

BJC Barnes-Jewish Hospital- St. Louis, MO
BJC Christian Hospital-Northeast -St. Louis, MO
BJC St. Louis Children's Hospital- St. Louis, MO
BJC Missouri Baptist Hospital- St. Louis, MO
John Cochran VA Medical Center -St. Louis, MO
Mercy Hospital Jefferson – Crystal City, MO
Mercy Hospital South – St. Louis, MO
Mississippi Valley Regional Blood Center- St. Louis, MO
Quest Diagnostics -St. Louis, MO
SSM DePaul Health Center- Bridgeton, MO
SSM St. Joseph's Health Center -St. Charles, MO
SSM St. Joseph's Hospital West- Lake St. Louis, MO
SSM St. Mary's Hospital -St. Louis, MO
Saint Louis University Hospital- St. Louis, MO
St. Luke's Hospital – St. Louis, MO
Lab Test Diagnostics

Professional Performance Standards

The Medical Laboratory Science student must possess or have the ability to achieve certain competencies to successfully complete the curriculum. These competencies include knowledge, skills and attitudes that are necessary for professional practice. The essential requirements outlined below are presented for applicants and matriculates to review and use to assess their ability to successfully complete degree requirements. If you have any questions regarding your ability to achieve any of these essential requirements you can clarify your concerns by contacting a faculty member within the Medical Laboratory Science Program. If you perceive you will require special accommodations to meet these requirements, you must notify your advisor or the BLS department chair to arrange for University level assessment.

The Medical Laboratory Science student must be able to:

- In course assignments and within the laboratory practice setting, apply theoretical knowledge, ethical practice and sound judgment in following problem situations to their logical conclusions.

- Assimilate mathematical and scientific data to allow application of basic principles in concrete situations related to laboratory practice and test interpretation.
- Physically manipulate themselves and small objects (20 pounds or less) within the laboratory/clinical/research setting in a safe and effective fashion.
- Display a functional level of manual dexterity in the performance of laboratory testing including phlebotomy and numerous other laboratory procedures requiring delicate manipulations and in the utilization of computerized instrumentation.
- Demonstrate functional use of their senses including but not limited to:
 - Visual acuity in distinguishing colorimetric endpoints and subtle microscopic differences between diagnostic elements in clinical specimen when examined under a microscope and/or displayed on a monitor.
 - Sense of touch to distinguish temperature discrimination for safety purposes.
 - Visual acuity and accurate transcription in the reporting of testing data and quality control information in a written or computer-generated format.
- Utilize effective and respectful written and oral communication skills in professional interactions with patients, colleagues, and other health care professionals.
- Accurately perform complex technical procedures under stressful working conditions (e.g. emergency situations, ambiguous orders, heavy workload, and a distracting and noisy environment) and within reasonable time constraints.
- Comprehend and adhere to policies and regulations as prescribed by appropriate governing agencies. These policies are generally but not exclusively related to competent, ethical and safe practice.
- Submit to and receive a satisfactory report on criminal background checks and drug testing for substances of abuse.
- Transfer applicants will be accepted on the basis of clinical site availability.

Certification and Licensure

Graduates of the MLS Program are eligible to take a nationally administered certification exam. Passing this exam indicates a knowledge base and skill set necessary to function as a healthcare professional. License and certification varies depending on the state in which you will practice. Currently 12 states require a license to practice as a clinical laboratory professional, including CA, FL, LA, MT, NV, NY, ND, RI, TN, WV, PR, GA.

Certification Exam Pass Rate

- SLU graduates consistently have a pass rate higher than the national average
- Pass rate is usually at or near 100 percent

Two certification exams are recognized nationally within the profession:

- [American Society for Clinical Pathology Board of Certification exam](#)
- [American Medical Technology](#)

Licensure

To practice in some states a licensure examination is also required by law. It is advisable to check with the individual state's department of health to determine if such an exam is required.

For more information, visit <https://www.ascp.org/content/board-of-certification/get-credentialed/#state-licensure>

Program Outcomes

Graduate certification rates demonstrating an average of at least 75% pass rate.

2021-2022	2022-2023	2023-2024	
100%	100%	100%	

Graduation rates demonstrating an average of at least 70% of students who have begun the final half of the program go on to successfully graduate.

2021-2022	2022-2023	2023-2024	
86%	100%	100%	

Graduate placement rates demonstrating that an average of at least 70% of respondent graduates either find employment in the field or a closely related field (for those who seek employment), or continue their education within one year of graduation.

2021-2022	2022-2023	2023-2024	
100%	100%	100%	