

Southeast Missouri Hospital College of Nursing and Health Sciences offers a one-year Certificate in Medical Laboratory Science. Upon completion of this program graduates have met the educational requirements necessary to be eligible to take the National Certifying Examination in Medical Laboratory Science.

Medical Laboratory Scientists analyze blood and body fluids for the diagnosis, treatment, and prevention of human disease. Upon completion of this program individuals should be able to graduate with:

- A basic knowledge of laboratory principles in safety, information systems, education and management, instrumentation evaluation and selection, and with communication skills required to converse with coworkers and patients
- The cognitive knowledge to perform and interpret laboratory testing and the ability to analyze and solve problems in all the competency areas of a laboratory generalist
- Psychomotor skills to perform laboratory analyses, operate, maintain and troubleshoot laboratory instrumentation in all competency areas of a laboratory generalist
- Ethical practices of commitment to the highest standards of accuracy, quality, confidentiality and care in the performance of laboratory analyses and the ability to be a credit to the profession of medical laboratory science
- The successful completion of a national certifying exam

College Mission

To respond to the healthcare educational needs of the region by preparing qualified healthcare professionals.

Financial Aid

Grants and loans are available to students who complete a FAFSA and qualify. The College participates in additional financial aid programs such as the GI Bill, GoArmyEd, Vocational Rehabilitation, and Trade Act Assistance. Additional Financial Aid information may be obtained from the Financial Aid Coordinator or by visiting our website.

Tuition and Fees

The College charges the same fees for Missouri and non-Missouri residents. A complete current Fee Schedule can be found on our website. <https://www.sehcollege.edu/financial>

Eligibility Requirements

The following requirements must be met before the Admission Committee will review the application file.

- Clearance on various background checks
- Completion of a bachelor degree or enrollment in a medical laboratory program at one of our affiliated schools
- Minimum overall GPA of 2.50 on a 4.00 scale and a minimum science GPA of 2.50 in college-level courses
- Completion of 18 semester hours of biology including Microbiology, Immunology, and Human /Animal Physiology
- Completion of 18 semester hours of chemistry including Chemistry I, Chemistry II, and Organic Chemistry.

Application packets are available on our website at <https://www.sehcollege.edu/admissions>, in our Admissions Office during regular business hours, or via mail upon request.

Enrollment Requirements

The following requirements must be met after a student receives an acceptance letter but before the student can be enrolled in classes:

- Pay a \$200 seat retainer (non-refundable deposit) which will be applied to your first semester tuition and fees
- If currently enrolled in another college or university, send transcripts once final semester grades are available
- Contact Southeast Occupational Medicine thirty to sixty days prior to enrolling for classes at the college to schedule and complete a urine drug screen and TB skin test. You will not be able to enroll for classes until your health screening has been completed. .

It is the policy of Southeast Missouri Hospital College of Nursing and Health Sciences to maintain and promote equal education opportunity. Students and applicants will not be discriminated against on the basis of race, color, ethnicity, religion, national origin, gender, ancestry, marital status, sexual orientation, age, veteran status, or handicap which does not preclude the person from practicing the program profession after graduation and successful completion of the licensure, certification, or registry.



Curriculum

The Medical Laboratory Science program begins in the summer session year. Classes run for one year and include summer, fall, and spring sessions with graduation at the end of the spring session.

Summer	
MLS 401	6
Fall	
MLS 402	6
MLS 403	5
MLS 404	2
Spring	
MLS 405	2
MLS 406	2
MLS 407	7
MLS 408	7
Total Credits	37

Accreditation

The College is regionally accredited by the Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604.

The Medical Laboratory Science program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018. Phone 773-714-8880 www.naacls.org

Gainful Employment/Program Effectiveness

Gainful Employment and program effectiveness data may be found on our website at <https://www.sehcollege.edu/academics/medical-lab-science>. Gainful Employment information is also available in the application packet, via email, or via regular mail upon request.

Curriculum Courses

All courses require a grade of C or better to be considered passing.

MLS 401 – Student Lab Block I

Introduction to Medical Laboratory Science
Phlebotomy
Immunology/Serology
Immunochemistry
Urinalysis

MLS 402 – Student Lab Block II

Clinical Chemistry
Molecular Techniques
Hematology
Coagulation/Hemostasis

MLS 403 – Student Lab Block III

Clinical Microbiology
Mycology/Parasitology

MLS 404 – Advanced Lecture I

Education/Management
Immunology/Serology
Immunochemistry

MLS 405 – Advanced Lecture II

Hematology
Coagulation/Hemostasis
Urinalysis

MLS 406 – Advanced Lecture III

Clinical Chemistry
Clinical Microbiology

MLS 407/MLS 408 – Clinical Training

Urinalysis
Clinical Chemistry
Hematology
Coagulation/Hemostasis
Immunochemistry
Immunology/Serology
Clinical Microbiology

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