

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 15 semester hours of biology including Microbiology, Immunology, and Human Physiology
- Completion of 15 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.



## 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, Rosemount, IL 60018. Phone 773-714-8880 [www.naacls.org](http://www.naacls.org)

## Curriculum

The Medical Laboratory Science program begins twice every year. One group begins in January with a December graduation. Another group begins in August with a May graduation.

Semester 1	
MT 400	0
MT 401SL	2
MT 402SL	1
MT 403SL	2
MT 404SL	1
MT 405SL	2
MT 406SL	1
MT 407SL	3
MT 408	1
MT 409	2
<u>MT 410</u>	<u>1</u>
Semester 1 Total:	16
Semester 2	
MT 411	2
MT 412	2
MT 413	2
MT 401CR	3
MT 402CR	0.5
MT 403CR	3
MT 404CR	0.5
MT 405CR	2
MT 406CR	1
<u>MT 407CR</u>	<u>4</u>
Semester 2 Total:	20

## 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.

- MT 400 Introduction to Medical Laboratory Science (0)
- MT 401SL Clinical Chemistry—Student Lab (2)
- MT 401CR Clinical Chemistry—Clinical (3)
- MT 402 Urinalysis—Student Lab (1)
- MT 402 Urinalysis—Clinical (0.5)
- MT 403 Hematology—Student Lab (2)
- MT 403 Hematology—Clinical (3)
- MT 404 Coagulation/Hemostasis –Student Lab (1)
- MT 404 Coagulation/Hemostasis—Clinical (0.5)
- MT 405 Blood Bank—Student Lab (2)
- MT 405 Blood Bank—Clinical (2)
- MT 406 Immunology/Serology—Student Lab (1)
- MT 406 Immunology/Serology—Clinical (1)
- MT 407 Bacteriology—Student Lab (3)
- MT 407 Bacteriology—Clinical (4)
- MT 408 Mycology/Parasitology (1)
- MT 409 Laboratory Management/Education (2)
- MT 410 Molecular Techniques (1)
- MT 411 Advanced Lecture Block I (2)
- MT 412 Advanced Lecture Block II (2)
- MT 413 Advanced Lecture Block III (2)

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