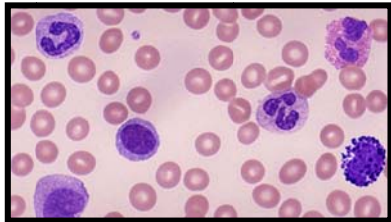


## Career Description

One of the most rewarding careers which includes both medicine and science aspects is medical laboratory science (MLS). Laboratory staff perform tests on blood and other specimens to detect, diagnose, or treat diseases. Medical Laboratory Scientists are vital members of the health care team, with up to 70% of all clinical diagnoses stemming from laboratory test results.



## Personnel Description

### What does it take to be a Medical Laboratory Scientist?

The ability to work quickly with accuracy

The ability to work with precision and complex instruments

Manual dexterity

Thriving in stressful situations

Be a proactive team member

The willingness to learn new technology and techniques

UnityPoint Health-St Luke's  
Medical Laboratory Science Program

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# Medical Laboratory Science Program Brochure



**Mission Statement: To educate and train exceptional Medical Laboratory Science students in a stimulating clinical laboratory setting.**



## Program Description

The MLS Program at UnityPoint Health-St. Luke's offers a unique, hands on experience for clinical training for students to complete their internship to become a Medical Laboratory Scientist.

All clinical training occurs onsite at UnityPoint Health St. Luke's Hospital laboratory, with the exception of donor phlebotomy and product processing, which takes place at Mississippi Valley Regional Blood Center in Davenport, Iowa.

The MLS Program grants 32 credits to students who attend affiliated academic institutions which can be utilized towards an overall baccalaureate degree at that institution. A certificate of completion is awarded to all students who successfully complete the Program (including those who already have their baccalaureate degree).

## Program Costs

Tuition for the 43 week program is currently \$6,000. Students are responsible for their own housing. More information is available upon request.

## Admission Requirements

Students must meet the following requirements to be considered for a position in the MLS Program:

\*Minimum 2.5 cumulative GPA

\*Completed 90 semester hours of college level courses

\*Minimum 2.5 science GPA earning a minimum of a 'C' letter grade in the following science courses:

\*16 semester hours of chemistry to include general, organic, and biochemistry lecture and laboratory

\*16 semester hours of biology to include general biology, microbiology, human anatomy/physiology, and genetics/molecular biology lecture and laboratory

\*A minimum of one course in college level mathematics (preferably statistics)

\*Recommended courses include: parasitology, hematology, immunology, analytical/instrumental chemistry, ethics, and medical terminology.



## Program Curriculum

### Course Title

Orientation & Phlebotomy

Clinical Chemistry

Clinical Hematology/Coagulation

Clinical Immunohematology

Clinical Immunoassay & Immunology

Clinical Microbiology

Urinalysis/Body Fluids

Senior Seminar

\*Students must complete all aspects of the Program in order to receive the 32 credits

*If you desire to obtain further information or you would like to set up a time to job shadow, please contact the MLS Program Director via email at:*

*[lindsey.mullenbach@unitypoint.org](mailto:lindsey.mullenbach@unitypoint.org)*