

Medical Laboratory Science Admission Requirements & Microbiology

Mercy College of Health Sciences

The successful applicant for admission to the 3 semester Medical Laboratory Science certificate program must meet the general college requirements for admission to Mercy College and the criteria listed below. Admission to the College does not guarantee admission to a professional program. They accept 12 students into the MLS program each year.

Education Requirements

1. Achieve a minimum cumulative GPA of 2.5 or higher on a 4.0 scale in college-level coursework overall as well as in the sciences.
2. Earned a grade of "C" (not "C-") or higher in all required courses listed below prior to enrollment:
 1. Sixteen (16) semester hours of Chemistry, including Biochemistry and/or Organic Chemistry that are part of a science major curriculum.
 2. Sixteen (16) semester hours of Biology, including Immunology and Microbiology that are part of a science major curriculum.
 3. Three (3) semester hours of college level mathematics at the algebra level or above.

Complete applications are reviewed by the selection committee, which considers the following:

- Types and difficulty of courses taken
- Evidence of well-rounded education
- Courses taken that are not required but are recommended
- Work experience
- Volunteer and extracurricular activities
- Letters of recommendation
- Activities that indicate social consciousness and involvement
- Essay
- Cumulative and science GPA

Courses highlighted yellow = Currently part of the Micro Curriculum (either required or optional)

MAYO CLINIC Medical Laboratory Science

Admission Requirements & Microbiology

10.5 Month - 35 semester hour program with 24 students/year

Education Requirements: Have a GPA of at least 2.75

Required courses:

Biological Sciences – 16 semester hours **Required:**

- Microbiology with lab
- Anatomy or Physiology (both preferred)

Strongly recommended

- Genetics
- Molecular Biology
- Immunology

Chemistry - 16 semester hours

Required:

- Organic Chemistry (with lab)

Strongly recommended:

- Biochemistry

Mathematics and statistics

Strongly recommended:

- Statistics

A degree in Microbiology at ISU meets these requirements, with Immunology offered as an elective in the Microbiology program and the Anatomy or Physiology class can be one of your general electives.

<https://college.mayo.edu/academics/health-sciences-education/medical-laboratory-science-program-florida-and-minnesota/application-process/>

ALLEN COLLEGE – UNITY POINT HEALTH

Transfer student applicants must:

1. Complete a minimum of 60 semester hours of college credit, including a minimum of 12 semester hours of required natural science coursework to be considered for admission.
2. Have, at minimum, a cumulative 2.7 GPA (on a 4.0 scale) in the following courses:
 - English Comp
 - Oral Communication
 - Sociology
 - Psychology
 - Anatomy & Physiology*
 - Chemistry*
 - Organic Chemistry*
 - Biology*
 - Microbiology*
 - College Math*

* Denotes courses that are considered in the grade point average of students holding a Baccalaureate degree at the time of review. All transferable courses must be completed with a grade of C- or above.

<https://www.allencollege.edu/medical-laboratory-science-mls.aspx>

St. Luke's Cedar Rapids

St. Luke's College will not be accepting applications for the Medical Lab Science program for the 2023-24 academic year. Please check back for the next available class start date.

Prerequisites for Admission

The student must have satisfactorily completed 90 semester hours of college level courses required for admission to the 11 month Professional School of Medical Laboratory Science, and all degree requirements at the college or university affiliate. The successful completion of the 32 semester hours of courses in the program will qualify the student to receive the baccalaureate degree from the college or university affiliate.

The student already possessing a baccalaureate degree must meet the prerequisite requirements for admission.

The prerequisite courses must include earning a 'C' letter grade or better for completed courses prior to enrolling:

- A minimum of 16 semester hours of chemistry, including general chemistry, organic chemistry, and general biochemistry, lecture and laboratory.
- A minimum of 16 semester hours of biology, including general biology, microbiology, human anatomy/physiology and genetics/molecular biology, lecture and laboratory.
- Recommended courses include: parasitology, hematology, immunology, analytical/instrumental chemistry, ethics, and medical terminology.
- A minimum of one course in college level mathematics and/or statistics.
- The majority of the science courses should have been completed within the last five years.
- The applicant must have a minimum cumulative grade point average of 2.5 in science courses and should have a total cumulative grade point of at least 2.5.

<https://www.stlukescollege.edu/certificate-in-medical-laboratory-science.aspx>