



SCHOOL OF MEDICAL LABORATORY SCIENCE

Academic Requirements and Options for Missing Coursework 2025 Program Applicants

The Corewell Health MLS program has the following academic requirements:

ACADEMIC REQUIREMENTS:

- <https://www.beaumont.edu/other-education/allied-health/medical-laboratory-science-46-week-program/academic-requirements>
- U.S. equivalent of **B.S. degree with GPA of 2.7 or higher** and **grades of C+ (2.5) or higher** in the required science and math courses listed below.
 - Major in Biology, Microbiology, Chemistry, Biochemistry, Molecular, Medical Laboratory Science
 - A combination of 30 semester hours in biology and chemistry.
- Completion of the following baccalaureate-level courses **within the last 7 years** and **before the program start date:**
 1. **INTRODUCTION TO CLINICAL LABORATORY SCIENCE** – proof of enrollment required at interview.
 - a. In-person college course (preferred for higher application ranking and program success) via either:
 - **CDS 4500** – Oakland University - Contact: lim@oakland.edu
 - **CLSC 203 and 204** – Eastern Michigan University – Contact: lshetron@emich.edu
 - **BLD 213L and BLD 314L (preferred)** - Michigan State University
 - Similar university/college course with laboratory component. -OR-
 - b. Online Alternate: See next page.
 2. **CHEMISTRY - 16 credit hours** including:
 - a. **BIOCHEMISTRY** (one course with or without laboratory)
 - b. **ORGANIC CHEMISTRY** (at least one course with passing grade – with/without laboratory)
 - c. Online Alternate: See next page.
 3. **BIOLOGY - 16 credit hours** including:
 - a. **GENERAL MICROBIOLOGY** with **laboratory**
 - b. Online Alternate: See next page.
 4. **MATH** (intermediate algebra or higher)
 5. **HUMAN PHYSIOLOGY** (required) / **ANATOMY** (preferred)
 - a. Online Alternate: See next page.
 6. **STATISTICS** (preferred)
- Additional skills:
 - Microsoft Office – Word, PowerPoint, Excel
 - Comfort with internet and email applications.
 - Personal computer with Microsoft applications and internet access.

* See next page *

ONLINE ALTERNATIVES:

We currently accept completion of online courses offered from www.Study.com as listed below when it is not feasible for an applicant to complete the MLS program course requirements in an in-person university setting – AND/OR – if an applicant has a C- or lower grade in required courses.

- The cost is \$59.99/month.
- The exam option for college credit is available for an additional \$235 fee. This is optional and not required.

NOTES:

- 1) Applicants are expected to analyze their university transcript to identify deficiencies (i.e., missing coursework and/or required courses with grade of C- or lower).
 - Refer to the **Academic Course Plan** under [Application Process](#) as a helpful tool.
- 2) Transcript guidance will not be provided via email prior to submitting your application. Any additional guidance will be provided at the interview, where needed.
- 3) Proof of registration will be required within one week after the interview.
- 4) **Proof of completion must be submitted by Day 1 Program Orientation.**

INTRODUCTION TO CLINICAL LABORATORY SCIENCE

- **MLT (ASCP) Medical Laboratory Technician: Study Guide & Exam Prep**
- <https://study.com/academy/course/mlt-ascp-medical-laboratory-technician-study-guide-exam-prep.html>
- This course models preferred university course content but without a laboratory component.
 - Important Note: There would be no need to progress to the actual MLT certification via ASCP BOC (associate degree level) because the goal of the Corewell 46-week program is to prepare students for the MLS certification (bachelor's degree level) via the ASCP BOC.

BIOLOGY & MICROBIOLOGY

- **Biology 101: Intro to Biology**
- <https://study.com/academy/course/introduction-to-biology.html>
- **Cell and Molecular Biology:**
- <https://study.com/academy/course/biology-203-cell-molecular-biology.html>
- **Biology 103: Microbiology**
- <https://study.com/academy/course/microbiology-course.html>

ANATOMY & PHYSIOLOGY

- **UExcel Anatomy & Physiology: Study Guide & Test Prep – 2 semester version**
- <https://study.com/academy/course/uexcel-anatomy-physiology-course.html>

CHEMISTRY

- **College Chemistry: Certificate Program**
- <https://study.com/academy/course/college-chemistry-certificate-program.html#information>