



PROGRAM OVERVIEW

The in-person MLT to MLS Bachelor of Science is designed for certified MLTs to become eligible through Route 2 eligibility for the MLS certification exam. To meet eligibility requirements for the MLS ([ASCP](#)) exam, students must be certified as an MLT, obtain a bachelor's degree from an accredited institution, and have at least two years of clinical lab experience within the last five years. Experience must cover all areas of the lab. Ohio State's in-person degree completion program allows students to complete the bachelor's degree requirement in as little as two years, depending on the amount of general education (GE) and prerequisite courses completed before enrolling.

APPLICATION REQUIREMENTS

GPA of 2.50 or higher

A minimum 2.50 cumulative GPA is required in all coursework taken at any accredited institution.

Prerequisite Courses

Before starting the professional program, all prerequisite courses or equivalents must be completed with a C- or higher.

Online Application

The application is available [online](#) and must be completed and submitted with all required supplemental documents, if applicable. Application FAQ can be found [here](#).

Proof of Certification

A copy of the applicant's MLT Certification in good standing with the American Society of Clinical Pathology ([ASCP](#)) must be uploaded to the application.

Although a personal interview will not be offered, applicants will be asked on the application to outline their knowledge of the profession and personal career goals. The program will give individual consideration in the admission assessment to courses taken and applicant experiences.

APPLICATION DEADLINE

The Medical Laboratory Science program admits in both the Autumn and Spring semesters. The application deadline for Spring 2024 is November 13, 2023. The application deadline for Autumn 2024 is January 31, 2024.

DEGREE REQUIREMENTS

The minimum hours to graduate from The Ohio State University with a Bachelor of Science in Health and Rehabilitation Sciences is 120 credit hours. Thirty credit hours must be completed at The Ohio State University to establish residency for graduation. Please be advised that the credit hours for the professional coursework will not meet the residency requirement. Students should reference their [degree audit](#) to ensure they are completing all required components of the degree, including general education, program prerequisites, and professional curriculum.

PREREQUISITE COURSES

These courses must be completed before admission to the major. Ohio State course numbers are shown below.

Math 1148 or higher

Chemistry 1210

Chemistry 1220

Biology 1113

Statistics 1350

Biochemistry 2210**

HTHRHSC 2500

***Although completion of courses creates a stronger application, students may be admitted before completing these courses. Courses must be completed before the Autumn semester of the second year in the professional program.*

Begin Professional Coursework

YEAR 1

Autumn	Credits
MLS 5100 Microbiology I Lecture	3
MLS 5050 Hematology Lecture	5
GE	0-6
Total	8-14

Spring	Credits
MLS 5000 Microbiology II Lecture	3
MLS 5200 Immunology Lecture	3
HTHRHSC 4200 Health Sciences Research	3
GE	0-6
Total	9-15

YEAR 2

Autumn	Credits
MLS 5300 Chemistry Lecture	5
MLS 5250 Immunohematology Lecture	4
MLS 5400 Mol Tech	2
GE	0-6
Total	11-17

Spring	Credits
MLS 5600 Interdisciplinary Studies	1
MLS 5350 Professional Issues	3
HTHRHSC 5300 Management Principles and Human Resources	3
GE	0-6
Total	7-13

The above plan demonstrates how students following the legacy general education (GEL) curriculum can complete the in-person degree completion program in four semesters. The above schedule is for students admitted to the program and will begin professional coursework in the autumn semester. Starting the program off-cycle may increase the time to a degree. The professional curriculum is completed in sequence, and students may complete the program part-time. However, there is no provision for evening-only enrollment. Students who intend to transfer credit to Ohio State may view how credit is accepted on [Transferology.com](https://transferology.com).

Students may choose to take non-professional courses over summer terms. The timeline will vary depending on how many general education (GE) courses the student needs to complete. The number of GE requirements listed above is an estimate. Some GE courses are listed in more than one category; however, GE courses cannot be used to fulfill more than one GE requirement, except for the social and global diversity requirements. These requirements depend on each individual student's academic record. Please speak with an HRS advisor for more information.

Ohio State academic programs are designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure and certification and state licensing board contact information [here](#) for online programs and [here](#) for on-campus programs.