PROGRAM OVERVIEW

The Medical Laboratory Science (Medical Science/Non-Certification) program prepares individuals for graduate school or post-baccalaureate professional programs in medicine, veterinary medicine, dentistry, optometry, physician's assistant, and others. This flexible program can be tailored to meet the student's career goals. Graduates from this program are **not eligible** for the ASCP national examination.

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.

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.

PREREQUISITE COURSES

These courses must be completed before beginning professional coursework. Ohio State course numbers are shown below.

Math 1148 & 1149, or 1150 or higher

Chemistry 1210

Chemistry 1220

Biology 1113

Statistics 1450

Microbiology 4000.01

Chemistry 2510 **

Biochemistry 4511**

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.

APPLICATION DEADLINE

The Medical Laboratory Science (Medical Science/Non-Certification) program admits students in both the Autumn and Spring semesters. The application deadline for Spring 2024 is November 13, 2023, for domestic students and October 13, 2023, for international students. The application deadline for Autumn 2024 is January 31, 2024, for both domestic and international students.

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. The Medical Laboratory Science Medical Science/Non-Certification program requires a minimum of 120 hours, not including HTHRHSC 1100. Thirty credit hours must be completed at The Ohio State University to establish residency for graduation**.** Medical Science students must take at least twenty-five (25) credits in elective coursework to meet the minimum hours required for a bachelor's degree.

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.

Medical Laboratory Science
Medical Science/Non-Certification Track (GEN)

THE OHIO STATE UNIVERSITY
SCHOOL OF HEALTH AND REHABILITATION SCIENCES

YEAR 1

Autumn	Credits
HTHRHSC 1100	1
MATH 1150 or higher	5
CHEM 1210	5
GE Foundation	3
GENED 1201	1
Total	**15**

Spring	Credits
ENGLISH 1110.01	3
BIOLOGY 1113	4
CHEM 1220	5
GE Foundation	3
Total	**15**

YEAR 2

Autumn	Credits
CHEM 2510	4
MICROBIOLOGY 4000.01	4
GE Theme*	4
STATS 1450.01	3
Total	**15**

Spring	Credits
BIOCHEM 4511	4
HTHRHSC 2500	3
GE Theme*	4
GE Foundation	3
GE Foundation	3
Total	**17**

Begin Professional Coursework

YEAR 3

Autumn	Credits
MLS 5050 Hematology Lecture	5
MLS 5100 Microbiology I Lecture	3
Elective	4
Elective	3
Total	**15**

Spring	Credits
MLS 5000 Microbiology II Lecture	3
MLS 5150 Microscopy Lecture	2
MLS 5200 Immunology Lecture	3
HTHRHSC 4200 Health Sciences Research	3
Elective	4
Total	**15**

YEAR 4

Autumn	Credits
MLS 5300 Chemistry Lecture	5
MLS 5250 Immunohematology Lecture	4
MLS 5400 Mol. Tech. Lecture	2
Elective	3-4
Total	**14-15**

Spring	Credits
MLS 5690 Advanced Topics	1
HTHRHSC 5300 Management and HR	3
Elective	3
Elective	3
Elective	3
HTHRHSC 4100 Reflection Seminar	1
Total	**14**

*Students will take thematic courses in the *Citizenship for a Diverse and Just World* Theme (4-6 hours) and in one additional Theme of their choosing (4-6 hours).

The above plan demonstrates how students may complete the Medical Science/Non-Certification program in eight semesters. It is assumed that students following this plan who are admitted to the program will begin professional coursework in the autumn semester of year three. There is flexibility in when a student may take courses in years one and two. However, in years three and four, the curriculum is more structured with limited ability to change. Students may choose to take non-professional courses over summer terms.

It is highly recommended that students take all GE courses before starting the professional program. 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.

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.