



## PROGRAM OVERVIEW

The Medical Laboratory Science Coordinated Graduate program prepares students to become nationally registered medical laboratory scientists and work in clinical laboratory positions upon graduation.

The Coordinated Graduate program of the Medical Laboratory Science program is designed for the student who has an undergraduate degree in a major other than Medical Laboratory Science and would like to return to school to pursue a career as a medical laboratory scientist. This program is not open to students who have completed a didactic program in medical laboratory sciences. Graduates are eligible to sit for the [national examination](#).

Students will enter the program, for one academic year, as an undergraduate student. Students will transition to the Graduate School and ultimately earn a Master of Science upon completion of all program requirements.

## APPLICATION REQUIREMENTS

- 1 GPA of 3.0 or higher**  
A minimum 3.0 cumulative undergraduate GPA is required in all coursework taken at any accredited institutions. Although a 3.0 GPA is the minimum, the average GPA of admitted students is higher.
- 2 Prerequisite Courses**  
All prerequisite courses or their equivalents must be completed with a **C- or higher by the end of summer term, 2022.**
- 3 Online Application**  
[The application is available online](#), which must be completed and submitted with all required supplemental documents if applicable. [Application FAQ can be found here.](#)
- 4 Completed Undergraduate Degree**  
Students who wish to apply to the MLS Coordinated Graduate program must have completed an undergraduate degree in a major other than Medical Laboratory Sciences from an accredited institution.

*The admission process includes admission to the undergraduate as well as the graduate section of the program. The graduate application process will occur during the second semester of Year 1.*

*A personal interview may be offered to competitive applicants. Knowledge of the profession and personal career goals will be evaluated at that time. The program will give individual consideration in the admission assessment to courses taken and applicant experiences.*

## APPLICATION DEADLINE

The Coordinated Graduate program of the Medical Laboratory Science admits once per year, with students beginning in the Autumn term. The application deadline for Autumn 2022 is January 31, 2022 for domestic and international students. The undergraduate portion of the professional program will begin August 23, 2022.

## PREREQUISITE COURSES

*These courses must be completed prior to beginning the professional program. Ohio State course numbers shown below.*

**Math 1150 or higher**

**Microbiology 4000.01**

**Chemistry 1210**

**Chemistry 1220**

**Biology 1113**

**Statistics 1450.01**

**Molecular Genetics 4500 \*\***

**Organic Chemistry Sequence (2 courses) \*\***

*Chemistry 2510 and BioChem 4511, or  
Bio Pharm 3311 and 3312*

*\*\*Students may be admitted prior to completion of these courses, although completion of courses creates a stronger application. Courses must be completed before Year 2 Autumn as shown on next page.*



YEAR 1					
<i>Begin Undergraduate Portion</i>					
Autumn	Hrs	Spring	Hrs	Notes	
MLS 4400 Med Lab Environment Lecture	1	MLS 5000 Microbiology I Lecture	3	Students will apply to the graduate school by April 1 <sup>st</sup> during Year 1.	
MLS 5100 Microbiology II Lecture	3	MLS 5005 Microbiology I Lab	2		
MLS 5105 Microbiology II Lab	1	MLS 5200 Immunology Lecture	3		
MLS 5050 Hematology Lecture	5	MLS 5205 Immunology Lab	1		
MLS 5055 Hematology Lab	2	MLS 5150 Microscopy Lecture	2		
MLS 4405 Med Lab Environment Lab	1	MLS 5155 Microscopy Lab	1		
MLS 4500 Phlebotomy Lecture	1		12		
MLS 4505 Phlebotomy Lab	1				
	15				
YEAR 2					
<i>Begin Graduate Program</i>					
Autumn	Hrs	Spring	Hrs	Summer	Hrs
MLS 5300 Chemistry Lecture	5	MLS 5089 Clinical Practice	5	MLS 6890 Grad Seminar	2
MLS 5305 Chemistry Lab	2	MLS 5600 Interdisciplinary Studies	1	Elective*	3-4
MLS 5250 Immunohematology Lecture	4	MLS 5350 Professional Issues	3		5-6
MLS 5255 Immunohematology Lab	2	HTHRSC 5300 Management and H.R	3		
MLS 5400 Mol. Tech. Lecture	2		12		
HTHRSC 6795	1				
	16				
YEAR 3					
Autumn	Hrs	Spring	Hrs	Notes	
MLS 6885 Clinical Teaching Practicum	2	AEE 8877	3	*When selecting electives, please consult with your faculty advisor.	
AEE 8855	3	Elective*	3-4		
<a href="#">HTHRSC Core Course Option</a>	1-4	<a href="#">HTHRSC Core Course Option</a>	1-4		
Elective*	3-4	Select One:	2-3		
Select One:	2-3	HTHRSC 7990 Non Thesis Research			
HTHRSC 7990 Non Thesis Research		HTHRSC 7999 Thesis Research			
HTHRSC 7999 Thesis Research			??		
	11-16				

The above plan demonstrates how students may complete the MLS Coordinated Graduate Program in seven semesters including one summer term.

The professional curriculum is completed in sequence. The curriculum includes one year of undergraduate professional coursework followed by two years of graduate level MLS courses and other graduate coursework.

For questions regarding transfer credit, please contact the HRS Graduate Program Manager at [HRSgraduatestudentservices@osumc.edu](mailto:HRSgraduatestudentservices@osumc.edu).

**Questions?**

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[HRSstudentservices@osumc.edu](mailto:HRSstudentservices@osumc.edu)  
[Tuition](#)

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 at <http://go.osu.edu/disclosures> for online programs and <http://go.osu.edu/onground> for on-campus programs.