



PROGRAM OVERVIEW

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

APPLICATION REQUIREMENTS

- 1 GPA of 2.50 or higher**
A minimum 2.50 cumulative GPA is required in all coursework taken at any accredited institutions. Although a 2.5 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, 2021.**
- 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.](#)

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

APPLICATION DEADLINE

The Medical Laboratory Science program admits once per year, with students beginning in the autumn term. The application deadline for autumn 2021 is January 31st, 2021. The professional program will begin August 24, 2021.

DEGREE REQUIREMENTS

The minimum total hours to graduate from The Ohio State University with a Bachelor's of Science in Health and Rehabilitation Sciences is 120 credit hours. The Medical Laboratory Science Medical Science program requires a minimum of 120 hours barring special circumstances. **Medical Science students must take at least 25 credits in elective course work to meet the minimum total hours.**

Students should [reference their degree audit](#) to ensure they are completing all required components of the degree program. This includes [general education](#), program prerequisites, and professional curriculum.

PREREQUISITE COURSES

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

Math 1150 or higher

Microbiology 4000.01

Chemistry 1210

Chemistry 1220

Biology 1113

Statistics 1450.01

Chemistry 2510 **

Biochemistry 4511**

Molecular Genetics 4500**

***Students may be admitted prior to completion of these courses, although completion of courses creates a stronger application. Courses must be completed before Autumn semester of second year in professional program.*



YEAR 1					
Autumn		Hrs	Spring		Hrs
HTHRHSC 1100		1	English 1110.01		3
MATH 1150 or higher		5	Biology 1113		4
Chemistry 1210		5	Chemistry 1220		5
GE		3	GE		3
GE		3			15
		17			

YEAR 2					
Autumn		Hrs	Spring		Hrs
Chemistry 2510		4	Biochemistry 4511		4
Microbiology 4000.01		4	Molecular Genetics 4500		3
Statistics 1450.01		3	GE		3
GE		3	Elective		3
GE		3	Elective		3
		17			16

YEAR 3					
<i>Begin Professional Coursework</i>					
Autumn		Hrs	Spring		Hrs
MLS 5050 <small>Hematology Lecture</small>		5	MLS 5000 <small>Microbiology I Lecture</small>		3
MLS 5100 <small>Microbiology II Lecture</small>		3	MLS 5150 <small>Microscopy Lecture</small>		2
Elective		4	MLS 5200 <small>Immunology Lecture</small>		3
GE		3	HTHRHSC 5900 <small>Research</small>		3
		15	Elective		3
					14

YEAR 4					
Autumn		Hrs	Spring		Hrs
MLS 5300 <small>Chemistry Lecture</small>		5	MLS 5690 <small>Advanced Topics</small>		1
MLS 5250 <small>Immunohematology Lecture</small>		4	HTHRHSC 5300 <small>Management and Human Resources</small>		3
MLS 5400 <small>Mol. Tech. Lecture</small>		2	Elective		3
Elective		3	Elective		3
		14	Elective		3
					13

The above plan demonstrates how students may complete the MLS Certification program in eight semesters. 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 only limited ability to change. It is assumed that students following this plan who are admitted to the program will begin professional coursework autumn semester of year three.

The professional curriculum is completed in sequence and students may complete the program on a part-time basis. 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.

Questions?

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