



THE OHIO STATE UNIVERSITY

The School of Health and Rehabilitation Sciences

Coordinated Graduate Medical Laboratory Science

The School of Health and Rehabilitation Sciences (SHRS) is a School in The Ohio State University College of Medicine. The School is nationally recognized as a leader in practice-based health care education. For more than five decades, the School has prepared students to achieve personal and professional excellence, as they pursue an exciting career in healthcare.

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. 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. This program is not open to students who have completed a didactic program in medical laboratory sciences.

ADMISSION & APPLICATION PROCEDURES

Applicants must meet the following minimum requirements and submit requested materials to be considered for admission. The application deadline for **AUTUMN 2020** is **December 1st, 2019**. The undergraduate portion of the professional program will begin **August 18, 2020**.

1. An electronic application is available online at gpadmissions.osu.edu which must be completed and submitted with all required supplemental documents, if applicable.
2. A minimum 3.0 cumulative undergraduate GPA is required in all coursework taken at all accredited institutions. All post-secondary coursework is considered. Although a 3.0 GPA is the minimum, the average GPA is higher.
3. Completion of all prerequisite courses or their equivalents with a **C- or higher by the end of summer term, 2020**.
4. Submission of competitive GRE scores.
5. A personal interview may be offered to competitive applicants. Knowledge of the profession and personal career goals will be evaluated at this time.

PROGRAM PREREQUISITES

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 and all of the program prerequisite courses or equivalent with a **C- or higher by the end of summer term, 2020**.

Math 1150 or higher
Microbiology 4000.01
Chemistry 1210
Chemistry 1220
Biology 1113
Statistics 1450

Organic Chemistry Options:
(1) Chemistry 2510 and Biochemistry 4511 **OR**
(2) Biological Chem & Pharmacology (Bio Pharm) 3311 & 3312
Molecular Genetics 4500

PROFESSIONAL CURRICULUM

The professional curriculum is completed in sequence and there is **no provision for part-time enrollment** though many of the graduate courses are offered late afternoon/evening. The curriculum includes one year of undergraduate professional coursework followed by two years of graduate level MLS courses and other graduate coursework. Students must have transportation and may have to drive significant distances for supervised practice.

SUGGESTED SCHEDULING PLAN

The following plan demonstrates how students may complete the MLS Coordinated Graduate Program in seven semesters including one summer term. There is not much flexibility in when a student may take courses. It is assumed that students following this plan who are admitted to the program will transition to the graduate program at the beginning of year two.

Courses within MLS are for the most part sequential so it is very important that if you think you will need to deviate from this plan in any way that you speak to Jessica Mantini. Deviations often affect graduation dates.

If you have not yet completed Mol Gen 4500 or your second chemistry series please note that these courses often conflict with our course offerings. Please look ahead as much as possible when making scheduling decisions and be prepared to use summer term if necessary.

COURSE OFFERINGS ARE A TENTATIVE PLAN AND SUBJECT TO CHANGE.

YEAR 1	YEAR 2	YEAR 3
<p>Autumn</p> <p>BEGIN UNDERGRADUATE PORTION</p> <p>MEDLABSCI 4400^{Phleb Lec} (1)</p> <p>MEDLABSCI 5100^{Micro II Lec} (3)</p> <p>MEDLABSCI 5105^{Micro II Lab} (1)</p> <p>MEDLABSCI 5050^{Heme Lec} (5)</p> <p>MEDLABSCI 5055^{Heme Lab} (2)</p> <p>MEDLABSCI 4405^{Intro Lab} (1)</p> <p>MEDLABSCI 4500^{Phleb Lec} (1)</p> <p>MEDLABSCI 4505^{Phleb Lab} (1)</p> <p>Total (15)</p>	<p>Autumn</p> <p>BEGIN GRADUATE PROGRAM</p> <p>MEDLABSCI 5300^{Chemistry Lec} (5)</p> <p>MEDLABSCI 5305^{Chemistry Lab} (2)</p> <p>MEDLABSCI 5250^{Immunohem Lec} (4)</p> <p>MEDLABSCI 5255^{Immunohem Lab} (2)</p> <p>MEDLABSCI 5400^{Mol Tech Lec} (2)</p> <p>HTHRHS 6795 (1)</p> <p>Total (16)</p>	<p>Autumn</p> <p>MEDLABSCI 6885 (2)</p> <p>HTHRHS 7990 or 7999^{Graduate Research} (2-3)</p> <p>AEE 8855 (3)</p> <p>HTHRHS Core Course Option** (1-4)</p> <p>Elective* (3-4)</p> <p>Total (11-16)</p>
<p>Spring</p> <p>APPLY TO GRADUATE SCHOOL BY APRIL 1ST</p> <p>MEDLABSCI 5000^{Micro I Lec} (3)</p> <p>MEDLABSCI 5005^{Micro I Lab} (2)</p> <p>MEDLABSCI 5200^{Immuno Lec} (3)</p> <p>MEDLABSCI 5205^{Immuno Lab} (1)</p> <p>MEDLABSCI 5150^{Microscopy Lec} (2)</p> <p>MEDLABSCI 5155^{Microscopy Lab} (1)</p> <p>Total (12)</p>	<p>Spring</p> <p>MEDLABSCI 5089 (5)</p> <p>MEDLABSCI 5350^{Prof Issues} (3)</p> <p>HTHRHS 5300 (3)</p> <p>MEDLABSCI 5600 (1)</p> <p>Total (12)</p>	<p>Spring</p> <p>HTHRHS 7990 or 7999^{Graduate Research} (2-3)</p> <p>HTHRHS Core Course Option** (1-4)</p> <p>AEE 8877 (3)</p> <p>Elective* (3-4)</p> <p>Total (9-14)</p>
	<p>Summer</p> <p>MEDLABSCI 6890 (2)</p> <p>Elective* (3-4)</p> <p>Total (5-6)</p>	<p>*When selecting electives, please consult with your faculty advisor.</p> <p>**Core course options can be found by visiting https://hrs.osu.edu/academics/graduate-programs/ms-in-allied-health/curriculum</p>

*****The program will give individual consideration in the admission assessment to courses taken and applicant experiences.**

ADDITIONAL INFORMATION

It is strongly recommended that prospective students schedule an appointment with their pre-HRS advisor. If you are not a pre-HRS student, you must complete an online major information session prior to meeting with a pre-HRS advisor. Further information can be accessed [online](#) under the admissions tab. Prospective students such as baccalaureate degree-holders, transfer, international, or those that have time commitment issues such as student athletes and band members are strongly encouraged to meet with a pre-HRS advisor to discuss special circumstances which may apply.

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