



MEDICAL LABORATORY SCIENCE



University of Findlay

Program Overview

The Medical Laboratory Science (MLS) program at the University of Findlay prepares students for entry into an accredited medical laboratory training program and a rewarding career in diagnostic laboratory medicine. Through a coordinated 3+1 curriculum, students complete three years at the University of Findlay followed by a year of professional clinical education at one of the following affiliations accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS):

- Cleveland Clinic School of Health Professions
- Mercy Integrated
- West Central Ohio Medical Laboratory Science (WCOMLS) program at Ohio Northern University

Upon successful completion of the program, students earn a Bachelor of Science degree from the University

of Findlay and are eligible to sit for certification examinations, preparing them for a rewarding career. Medical laboratory scientists work in a variety of settings including hospitals, reference laboratories, public health agencies, research facilities, and biotechnology organizations.

Program Highlights

- Earn a Minor in Biology as part of the MLS curriculum
- Gain preparation for graduate and professional programs
- Experience direct patient impact opportunities
- Learn in a supportive environment from faculty with extensive real-world experience
- Build professional connections

DID YOU KNOW?

Medical laboratory scientists play a critical role in patient care by:

- Providing laboratory information that supports diagnosis, treatment, and disease monitoring
- Using advanced technology and instrumentation to analyze blood, tissue, and other body fluid specimens
- Troubleshooting complex testing systems and ensuring laboratory quality and accuracy
- Working in specialized areas such as microbiology, hematology, chemistry, immunology, molecular diagnostics, and transfusion medicine

12:1*
campus-wide
student-to-faculty
ratio ensures
individual
attention

*2025-26

RECENT GRADS WERE HIRED AT COMPANIES LIKE THESE:



ABOUT OUR FACULTY

At UF, you'll find we've built a tradition of professors who don't just teach theory; they've lived it. Our instructors will challenge you academically but also prepare you skillfully for service to others.

ACCREDITATION



ASCP BOARD OF CERTIFICATION

Most employers require medical laboratory scientists to obtain certification through an accrediting body, such as the American Society for Clinical Pathology (ASCP) Board of Certification (BOC). After passing the credentialing exam, medical laboratory scientists (MLS) can practice under the credentials of MLS(ASCP)CM.

SAMPLE CURRICULUM

Year 1

Fall Semester

General Chemistry I with Lab*	4 hrs
Biodiversity, Form & Function with Lab	4 hrs
College Writing II	3 hrs
Introduction to Health Professions*	1 hr
Elementary Statistics	3 hrs

Spring Semester

General Chemistry II with Lab	4 hrs
Intro to Cell and Molecular Biology with Lab	4 hrs
Expressive Arts*	3 hrs
College Algebra*	3 hrs
Language or Cultural Perspective*	3 hrs

Year 2

Fall Semester

Organic Chemistry I with Lab	4 hrs
Human Anatomy and Physiology I with Lab	4 hrs
Human Genetics with Lab	4 hrs
Second English/Rhetorical Skills*	3 hrs

Spring Semester

Organic Chemistry II with Lab	4 hrs
Human Anatomy and Physiology II with Lab	4 hrs
Cell Biology	3 hrs
Digital Literacy & Current Technologies*	3 hrs

Year 3

Fall Semester

Microbiology I with Lab	4 hrs
Natural Environment*	3 hrs
Oral & Written Communication*	3 hrs
Critical Analysis*	3 hrs
Religion/Faith/Philosophy Elective*	3 hrs

Spring Semester

Microbiology II with Lab	4 hrs
Immunology	3 hrs
Value/Civic Duty*	3 hrs
Wellness: Strategies for Life*	3 hrs

Year 4

Summer, Fall, and Spring Semesters

Attend affiliated medical laboratory science training program with either Cleveland Clinic, Mercy Integrated, or West Central Ohio Medical Laboratory Science (WCOMLS) at Ohio Northern University.



*Indicates courses that fulfill CORE+ general education requirements.

Disclaimer: The plan outlined above is a suggested course sequence. It may be adjusted based on prior college credit or transfer coursework earned before enrollment.



"Very rewarding program."

"The Medical Laboratory Science program is an academically rigorous, but very rewarding program. This program has pushed me to become a better student. It is really cool to reflect on how much I have learned through the different courses in the program that is very applicable to my senior year clinical courses."

– Bree Fellows



Choose Ohio First

Scholarships may be available to eligible students.



University of Findlay

OFFICE OF ADMISSIONS

419-434-4732 | 1-800-548-0932 | admissions@findlay.edu



APPLY