

Medical Laboratory Science

Secondary Application Required

1st Year		
Fall	Winter	Spring/Summer
CHM 109 Introductory Chemistry <small>Physical Science</small> 4	BIO 120 General Biology I <small>Life Science</small> 4	As Needed
MTH 110 Algebra <small>Prerequisite for STA 215</small> 4	MLS 102 Introduction to Medical Laboratory Science 1	
WRT 150 Strategies in Writing <small>GE WRT</small> 4	CHM 231 Introductory Organic Chemistry 4	
General Education Course <small>GE Art</small> 3	General Education Course <small>Philosophy & Literature</small> 3	
	General Education Course <small>Social & Behavioral Sciences</small> 3	
Total 15	Total 15	
2nd Year		
Fall	Winter <small>(Apply to program by February 15th)</small>	Spring/Summer
BIO 355 Human Genetics 3	BMS 212 Introductory Microbiology 3	As Needed
BMS 208 Human Anatomy 3	BMS 213 Laboratory in Microbiology 1	
CHM 232 Biological Chemistry 4	STA 215 Introductory Applied Statistics <small>GE Math</small> 3	
General Education Course <small>Historical Perspectives</small> 3	AHS 100 Medical Terminology 3	
General Education Course <small>Social & Behavioral Sciences</small> 3	PHY 200 Physics for the Life Sciences 4	
	General Education Course <small>World Perspectives</small> 3	
Total 16	Total 17	
3rd Year		
Fall	Winter <small>(start of professional program)</small>	Spring/Summer
AHS 301 Introduction to Health Care Research 3 <small>or PSY 300 or BMS 301</small>	MLS 320 General Laboratory Practice 2	1 st six weeks only MLS 410: Clinical Immunoserology 3
BMS 290 Human Physiology 3	MLS 350 Management for Laboratory Science 2	
BMS 291 Laboratory in Human Physiology 1	MLS 370 Diagnostic Microbiology 1 4	
BMS 410 Immunology <i>(offered fall only)</i> 3	MLS 371 Diagnostic Microbiology 1 Laboratory 1	
General Education Course <small>Issues</small> 3	MLS 380 Special Topics in Medical Laboratory Science <i>(Molecular Diagnostics/Virology)</i> 3	
General Education Course <small>US Diversity</small> 3	General Education Course <small>Issues</small> 3	
Total 16	Total 15	Total 3
4th Year		
Fall	Winter	Spring/Summer
MLS 372 Diagnostic Microbiology 2 3	MLS 460 Advanced Clinical Science 5	
MLS 373 Diagnostic Microbiology 2 Laboratory 1	MLS 461 Advanced Clinical Laboratory 2	
MLS 416 Hematology 3	MLS 490 Clinical Practicum II 5	
MLS 417 Clinical Hematology Laboratory 1	MLS 495 Issues in Medical Laboratory Science <small>SWS</small> 3	
MLS 422 Clinical Chemistry 6		
MLS 450 Clinical Practicum I 1		
Total 15	Total 15	

Special Notes:

- This is a suggested curriculum guide and might not be applicable to every student.
- Courses that include 'GE' are required classes that are in the major **AND** fulfill a General Education requirement.
- Two (2) Supplemental Writing Skills (SWS) courses are required: 1 in your major and 1 from another GVSU department.
- Student must have a **minimum of 120 credits** to graduate with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** completed at GVSU.

The Medical Laboratory Science (MLS) undergraduate major resides in the College of Health Professions (CHP)
For more information or to meet with a CHP Student Services academic advisor please call (616) 331-5900

Visit our website at www.gvsu.edu/chpss and the MLS website at www.gvsu.edu/mls

7/7/2016

Application Process for Medical Laboratory Science

Phase I ~ Prerequisites

Phase I consists of having the following prerequisites met or being currently enrolled at the time of application.

The prerequisites are:

- Overall and science GPA of 2.8 or above
- BMS 208
- BIO 120
- CHM 109
- Completion of 45 hours
 - Note: BMS 410 must be completed with a "C-" or better prior to the start of the Professional MLS courses.

Phase II ~ Application Requirements

The application consists of the following components all of which must be completed and submitted to the Director of the Medical Laboratory Science program (see address below) by **February 15th** prior to the intended winter entry. Late applications will be considered assuming requirements are met and space is available in the program. All forms are available at www.gvsu.edu/mls.

- ✓ Completed MLS program application
- ✓ Resume
- ✓ Unofficial transcripts from all colleges/universities attended
- ✓ 1 – 2 page statement of professional philosophy (Why have you chosen MLS as a profession?)
- ✓ Three (3) completed MLS recommendation forms sent directly to the MLS office listed below by the respondent as follows: One from a chemistry faculty, One from any science faculty, and one of applicant's choice.

Once an application has been received and determined complete, the prospective student will be invited for an interview with the MLS Director and/or Faculty at which time they may be asked to complete a handwritten essay.

Phase III ~ Official Admission Notification

Upon successful completion of Phase I and II, applicants will be notified of admission into the program and will be asked to set up an admission advising appointment with a Medical Laboratory Science faculty member.

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