

Bachelor of Science (B.S.) Medical Laboratory Science

2022 – 2023
Catalog Year

Secondary application required

1st Year		
Fall	Winter	Spring/Summer
CHM 109 Intro to Chemistry ^{Physical Science} 4	BIO 120 General Biology I ^{Life Science} 4	As Needed
MTH 110 Algebra (prerequisite for STA 215) 4	MLS 102 Intro to Med Lab Science 1	
WRT 150 Strategies in Writing ^{Writing} 4 or WRT 120 <u>and</u> WRT 130 ¹	CHM 231 Intro to Organic Chemistry 4	
General Education Course ^{Art} 3	General Education Course ^{Philosophy & Literature} 3	
	General Education Course ^{Social & Behavioral Science} 3	
Total 15	Total 15	
2nd Year		
Fall	Winter <i>Apply to program by March 15th</i>	Spring/Summer
BIO 355 Human Genetics 3	AHS 100 Medical Terminology 3	General Education Course ^{Global Perspectives} 3
BMS 250 Anatomy and Physiology I 4	BMS 212 & 213 Intro Microbiology w/ lab 4	
CHM 232 Biological Chemistry 4	BMS 251 Anatomy and Physiology II 4	
INT 201 Diversity in the United States ^{Social & US Div} 3	STA 215 Introductory Applied Statistics ^{Math} 3	
Total 14	Total 14	Total 3
3rd Year		
Fall	Winter <u>Start of the professional program</u>	Spring/Summer
AHS 301 Introduction to Health Care Research or PSY 300/SWS or BMS 301 3	MLS 320 General Laboratory Practice & Instrumentation 3	MLS 350 Management for Laboratory Science 2
BMS 310 Basic Pathophysiology 3	MLS 340 Hematology I 2	MLS 333 Transfusion Medicine I 3
BMS 410 Immunology 3	MLS 341 Hematology I Lab 1	
General Education Course ^{Issues} 3	MLS 374 Clinical Microbiology I 3	
General Education Course ^{Historical perspectives} 3	MLS 375 Clinical Microbiology I Lab 1	
	MLS 405 Molecular Diagnostics & Immunology 4	
	General Education Course ^{Issues} 3	
Total 15	Total 17	Total 5
4th Year		
Fall	Winter	Spring/Summer
MLS 422 Clinical Chemistry 4	MLS 492 Clinical Practicum 10	As Needed
MLS 423 Clinical Chemistry Lab 2	<small>*This course spans two semesters. MLS 492 is an 18-week clinical rotation that will go into the first four weeks of the spring semester</small>	
MLS 440 Hematology II 2	MLS 495 MLS Capstone ^{Capstone/SWS} 3	
MLS 441 Hematology II Laboratory 1		
MLS 444 Transfusion Medicine II 2		
MLS 474 Clinical Microbiology II 3		
MLS 475 Clinical Microbiology II Lab 1		
Total 15	Total 13	

Special Notes:

¹ Students may choose the writing "Stretch" sequence of WRT 120 and WRT 130 **or** WRT 150.

- This is a **general** curriculum guide and might not be applicable to all students.
- Two Supplemental Writing Skills (SWS) are required; 1 in the general education program and 1 in your major.
- Student must have a **minimum of 120 credits** to graduate with **58 of the 120 credits** 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/chpps and the MLS website at www.gvsu.edu/mls

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Admission Information

The Medical Laboratory Science (MLS) program at Grand Valley State University is a “secondary admission” program where a person interested in starting the MLS coursework must first be admitted to GVSU. Student may then apply to the program after meeting the PHASE I Admission Criteria below.

Phase I: Admission Criteria

The following prerequisites must be complete or in progress at the time of application.

- Overall GPA and science GPA of 2.8 or above
- CHM 109
- BIO 120
- BMS 250
- Completion of 45 hours

Phase II: Application Process (secondary application)

The application process consists of the following components all of which must be complete and submitted as directed below by **March 15th**, prior to the intended winter semester of entry. Late applications will be considered for qualified applicants if space is available in the program.

- Admitted to GVSU
- [MLS Program Application](#) (*complete & submit online*)
- **Resume** (*upload through application*)
- **Unofficial transcripts** from all colleges/universities attended (*upload through application*)
- **1-2 page statement of professional philosophy**. Why have you chosen MLS as a profession? (*upload through application*)
- **Two (2) completed MLS Recommendation forms** by the respondents as follows:
 - 1 University faculty member (preferably a laboratory instructor).
 - 1 Any university faculty member, health care professional or current/previous employer.
- **Verification of Course Completion form** (*upload through application*)

Application review will begin immediately following the application deadline and all qualified applicants will be invited to interview with a MLS faculty member.

Phase III: Applicant Notification

Applicants will be notified of admission status to the program within three weeks of meeting with program faculty. The program coursework begins in the winter semester with a maximum of 24 students.

Student Services Office
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chpss@gvsu.edu

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