

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

2021 – 2022
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 130¹	CHM 231 Intro to Organic Chemistry 4	
General Education Course ^{GE 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	As Needed
BMS 208 Human Anatomy 3	BMS 212 & 213 Intro Microbiology w/ lab 4	
CHM 232 Biological Chemistry 4	BMS 290 Human Physiology 3	
General Education Course ^{Historical Perspectives} 3	STA 215 Introductory Applied Statistics ^{Math} 3	
General Education Course ^{Social & Behavioral Science} 3	General Education Course ^{Global Persp & Issues} 3	
Total 16	Total 16	
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 2	1 st six weeks only MLS 410: Clinical Immunoserology 3
BMS 391 Human Physiology Lab 2	MLS 350 Management for Lab Science 2	
BMS 410 Immunology 3	MLS 370 Parasitology and Mycology 4	
PHY 200 Physics for Life Sciences 4	MLS 371 Parasitology & Mycology Lab 1	
General Education Course ^{US Diversity} 3	MLS 400 Molecular Diagnostics / Virology 3	
Total 15	Total 15	
4th Year		
Fall	Winter	Spring/Summer
MLS 372 Diagnostic Microbiology II 3	MLS 461 MLS Simulation Laboratory 2	As Needed
MLS 373 Diagnostic Microbiology II Lab 1	MLS 462 Transfusion Medicine 3	
MLS 416 Hematology 3	MLS 463 Hemostasis 2	
MLS 417 Clinical Hematology Laboratory 1	MLS 464 Bacteriology and Antibiotics 1	
MLS 422 Clinical Chemistry 4	MLS 490 Clinical Practicum II 5	
MLS 423 Clinical Chemistry Lab 2	MLS 495 Issues in MLS ^{Capstone/SWS} 3	
MLS 450 Clinical Practicum I 1		
Total 15	Total 16	

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/chpss 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 208
- 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. To request a late application contact Lilianne Nelson at scholli@gvsu.edu.

- [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*)
- **2 completed MLS Recommendation forms** by the respondents as follows: **one** must be completed by a university faculty member (preferably a laboratory instructor). The other recommendation may be completed by any other university faculty member, health care professional or current/previous employer.

Application review will begin immediately following the application deadline and all qualified applicants will be invited to interview with and 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
Cook-DeVos Center for Health Sciences
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chpss@gvsu.edu

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