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

Full-Time Draft Advising Worksheet (Northwestern Michigan College)

Secondary Application Required

Fall – *Start at NMC*		**Winter**		**Summer** - *Apply to GVSU for Winter*	
BIO 116 + 116L: Biology I GE Life Sci	4	BIO 227 + 227L: Anatomy & Physiology I	4	Gen Ed GE Philosophy & Lit	3
Gen Ed GE Art	3	CHM 101 + 101L: Intro Chemistry GE Physical Sci	4		
ENG 111: English Comp. I	4	ENG 112: English Comp II GE Writing	4		
MTH 111: Intermediate Algebra	4	HAH 101: Medical Terminology	3		
Total Credits	**15**	**Total Credits**	**15**	**Total Credits**	**3**

Fall - *MLS App Opens 10/1*		**Winter** - *MLS App Due 3/15, Concurrent*		**Summer**	
BIO 228 + 228L: Anatomy & Physiology II	4	CHM 201 + 201L: Intro to Organic Chem.	4	Gen Ed GE Social/Beh Sci	3
BIO 208 + 208L: Intro Microbiology	4	MTH 121: College Algebra	4		
MTH 131: Intro Statistics GE Math	4	AHS 301: Intro to Healthcare Research (hybrid in TC)	3		
PSY 101 GE Social/Beh Sci	3	AHS 340: Health Care Management GE Issues (hybrid in TC, optional)	3		
		MLS 102: Intro to MLS (online)	1		
Total Credits	**15**	**Total Credits**	**15**	**Total Credits**	**3**

Fall – *Concurrent*		**Winter** - *Start MLS Program*		**Summer**	
BIO 268: Intro Biochemistry	3	MLS 320: Gen Lab Practice & Instrument (hybrid)	3	MLS 350: Management for Laboratory Science (online)	2
Gen Ed GE Historical Analysis + Global Perspectives	3	MLS 340: Hematology I (online) + MLS 341: Hematology I Lab (hybrid)	3	MLS 333: Transfusion Medicine (online)	3
BIO 355: Human Genetics (online)	3	MLS 374: Clinical Microbiology I (online) + MLS 375: Clinical Microbiology I Lab (hybrid)	4	Gen Ed GE Issues (online)	3
INT 201: Diversity in the US GE Social/Beh Sci + US Diversity (online)	3	MLS 405: Molecular Diagnostics & Immunology (hybrid)	4		
BMS 310: Basic Pathophysiology* (online)	3				
Total Credits	**15**	**Total Credits**	**14**	**Total Credits**	**8**

Fall		**Winter**		**Summer**	
MLS 422: Clinical Chemistry (online) + MLS 423: Clinical Chemistry Lab (hybrid)	6	MLS 492: Clinical Practicum (in-person)	10		
MLS 440: Hematology II (online) + MLS 441: Hematology II Lab (hybrid)	3	MLS 495: Capstone (online)	3		
MLS 444: Transfusion Medicine (hybrid)	2				
MLS 474: Clinical Microbiology II (online) + MLS 475: Clinical Microbiology II Lab (hybrid)	4				
Total Credits	**15**	**Total Credits**	**13**		

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Special Notes:

- This is a general curriculum guide and might not be applicable to all students.
- This curriculum guide covers the Michigan Transfer Agreement through Northwestern Michigan College (NMC). The guide is designed for a student to complete an associate's degree at NMC.
- MTH 108 and MTH 109 or passing Math 110 Placement test may be taken in place of MTH 110.
- General Education Issues listed in 3rd year winter may be taken in 3rd year spring/summer or in 4th year winter as well.
- Two Supplemental Writing Skills (SWS) are required; 1 in the general education program and 1 in your major.
- Students 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. Elective coursework may be necessary to reach these requirements.

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. Students may then apply to the program following the 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
- Introductory Chemistry (CHM 109 or equivalent)
- Biology I (BIO 120 or equivalent)
- Anatomy & Physiology I (BMS 250 or equivalent)
- Completion of 45 credit 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 schollli@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:
    - 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 an 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 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.