

Medical Laboratory Sciences - Graduation MAP



**WEBER STATE
UNIVERSITY**

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.

NAME: _____ **Catalog Year:** 2020-2021

Revised: 4-1-2015

<input checked="" type="checkbox"/>	Course	Credit Hour	Semester Offered	Milestones & Notes
Freshman (Semester 1)				
	MLS 1113 Introduction to Laboratory Practices	5	F, Sp	<ul style="list-style-type: none"> Complete MATH 1010 with a "C" grade or higher Complete HTHS 1110 with "C-" grade or higher MLS 2003 counts for AAS QL, but not for BS QL
	CHEM 1110 Elementary Chemistry or 1210 Principles of Chemistry *	4	Su, F, Sp	
	HTHS 1110 Int Human Anat/Physiology I	4	Su, F, Sp	
	MATH 1010 Intermediate Algebra or MLS 2003	4	Su, F, Sp	
	Total Semester Credits	17		
Freshman (Semester 2)				
	MLS 1114 Principles of Clin. Hematology/Hemostasis	4	F, Sp	<ul style="list-style-type: none"> Complete HTHS 1111 with "C-" grade or higher Complete GEN ED with "D-" grade or higher Apply to MLS Program by April 1
	CHEM 1120 Elementary Chemistry or 1220 Principles of Chemistry *	5	Su, F, Sp	
	HTHS 1111 Int Human Anat/Physiology II	4	Su, F, Sp	
	GEN ED – HU/CA/SS/TBE	3/(4)	Su, F, Sp	
	Total Semester Credits	16/17		
Sophomore (Semester 3)				
	MLS 2211 Principles of Clinical Chemistry I	5	F	<ul style="list-style-type: none"> Complete ENG 1010 with "C" grade or higher Complete MICR 11113 or 2054 with "C-" grade or higher Complete GEN ED with "D-" grade or higher Complete all AAS MLS courses with "C+" or above ("B-" required if continuing for BS degree)
	MLS 2212 Principles of Clinical Microbiology I	4	F	
	ENG 1010	3	Su, F, Sp	
	MICR 1113 General Microbiology or MICR 2054 Principles of Microbiology **	3/4	Su, F, Sp	
	GEN ED - HU/CA/SS	3		
	Total Semester Credits	18/19		
Sophomore (Semester 4)				
	MLS 2210 Principles of Clinical Immunohematology	5	Sp	<ul style="list-style-type: none"> Complete ENG 1020 with "C" grade or higher Complete all AAS MLS courses with "C+" or above ("B-" required if continuing for BS degree) MLS 2256/2257 completed during summer, CR/no CR
	MLS 2213 Principles of Clinical Chemistry II	5	Sp	
	MLS 2214 Principles of Clinical Microbiology II	4	Sp	
	ENG 2010	3	Su, F, Sp	
	MLS 2256/MLS 2257 Supervised Clinical Experience***	2	Sp	
	Total Semester Credits	19		

<input checked="" type="checkbox"/>	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 5)				
	MLS 3302 Biostatistic, Research Methods, and Laboratory Practices	4	F	<ul style="list-style-type: none"> Complete all MLS BS courses "B-" grade or higher MLS 4409 may be replaced with MLS 4803 Research Projects in MLS
	MLS 4409 Clinical Correlations	1	F	
	MLS 4411 MLS Simulated laboratory I	4	F	
	MATH 1030, 1040, or 1050	3	Su, F, Sp	
	GEN ED – HU/CA/SS/TBE/American Institutions	3	Su, F, Sp	
	Total Semester Credits	15		

Junior (Semester 6)				
	MLS 4410 Interdisciplinary Health Care Teams	3	Sp	<ul style="list-style-type: none"> • Complete all MLS BS courses "B-" grade or higher • MLS 4410 may be replaced with MLS 4803 Research Projects in MLS • Complete MATH course with a "C" grade or higher • MLS 2256/2257 completed during summer, CR/no CR
	MLS 4412 MLS Simulated Laboratory II	4	Sp	
	MLS 4415 Laboratory Teaching and Supervision	3	Sp	
	MLS 4453/MLS 4454 Supervised Clinical Experience***	2	Sp	
	GEN ED – HU/CA/SS/TBE/American Institutions	3	Su, F, Sp	
	Total Semester Credits	15		
Senior (Semester 7)				
	MLS 3310 Adv Clinical Immunohematology	4	F	<ul style="list-style-type: none"> • Complete all MLS BS courses "B-" grade or higher
	MLS 3313 Adv. Clinical Hematology and Hemostasis	4	F	
	HAS 4400 Legal and Ethical Aspects <u>or</u> HIM 3200 Epidemiology and Biostatistics	3	Su, F, Sp	
	GEN ED – HU/CA/SS/TBE/American Institutions	3	Su, F, Sp	
	Total Semester Credits	14		
Senior (Semester 8)				
	MLS 3314 Adv Clinical Chemisry	3	Sp	<ul style="list-style-type: none"> • Complete all MLS BS courses "B-" grade or higher
	MLS 3316 Adv. Clinical Micro and Molecular Diagnostics	4	Sp	
	MLS 3312 Clinical Laboratory Immunology and Virology	4	Sp	
	GEN ED – HU/CA/SS/TBE/American Institutions	3	Su, F, Sp	
	Total Semester Credits	14		
	Total Bachelor Credits	113/115		

Gen Ed Breadth Requirements (do not duplicate departments)

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS
<input type="checkbox"/> DV (Double dip with breadth course)		

Notes:

* Students interested in pre-med or pre-PA, CHEM 1210, CHEM 1220, and CHEM 2310 (Organic Chemistry) are required.

** Students interested in pre-med or pre-PA, MICR

*** Supervised Clinical Experience courses are completed during summer following sophomore year and also following junior year.