

## Second degree plan for Medical Laboratory Sciences (MLS) major: Including prerequisite courses

All plans are unofficial. This plan assumes all General Education and BS degree courses have been completed. Final schedules may be based on many factors, including but not limited to: course availability, prerequisite completion, degree requirements, post-graduate needs and student interest. Academic plans and career paths should be discussed on a regular basis with the student's advisor, other faculty and professional staff in the Office of Career Services.

Year 1		Year 2		Year 3	
<b>Fall 20__</b>		<b>Fall 20__</b>		<b>Fall 20__</b>	
BIO 1500 – Biological Essent.	4	BIO 3710 – Microbiology	4	MLS 3200 Clinical Chemistry and Immunology	3
BIO 2216- Human A&P II	4	MLS 3100 Introduction to Clinical Lab Sciences	3	MLS 4200 Clinical Immunohematology	3
CHE 1111 – Principles of Chemistry I	4	<i>It may be possible to take some prerequisite course in this semester if needed.</i>		MLS 4300 Clin. Hemo., Urinalysis and Body Fluids	2
MAT 2032 – Biostatistics	4			MLS 4400 Clin. Micro.	3
		MLS 4500 Mol. Path. Methods	1		
<b>Credits</b>	16	<b>Credits</b>	7	<b>Credits</b>	12
<b>Spring 20__</b>		<b>Spring 20__</b>		<b>Spring 20__</b>	
BIO 2215 – Human A&P I	4	BIO 3362 – Biochemistry: Molecular Biology	4	MLS 4800 MLS Practicum	8
BIO 3850 Parasitology	4	BIO 4300 Immunology	4	MLS 4900 MLS Capstone	4
CHE 1112 – Principles of Chemistry II	4	MLS 3300 Phlebotomy	3		
		MLS 4100 Clin. Hematol.	3		
<b>Credits</b>	12	<b>Credits</b>	14	<b>Credits</b>	12
<b>Summer 20__</b>		<b>Summer 20__</b>		<b>Summer 20__</b>	
Organic Chemistry I and II taken at another institution	8				
<b>Credits</b>	8	<b>Credits</b>		<b>Credits</b>	
<b>Experiences/Activities:</b>		<b>Experiences/Activities:</b>		<b>Experiences/Activities:</b>	
				ASCP BOC exam	