

The schedule below is an **example** of how you can arrange your class schedule.
 Please consult your advisor for specific changes that may need to be made.

	Fall Semester	Spring Semester
Freshman Year	HSA 100	1
	MLS 201	3
	MAT 114 (fulfills Gen Ed 4)	3
	CHE 111/111L (fulfills Gen Ed 4)	4
	Gen Ed. 1A (ENG 101)	3
	Elective	3
	TOTAL	17
Sophomore Year	BIO 111	4
	MLS 290 (offered summer also)	3
	Gen Ed. (Element 3B or 3A)	3
	Gen Ed. (Element 6)	3
	CMS 210 or 215 (fulfills Gen Ed 1C)	3
	TOTAL	16
	TOTAL HOURS TO PRE-MLS CURRICULUM COMPLETION 65	
Junior Year	MLS 300	2
	MLS 303 (taken once only)	1
	MLS 308	2
	MLS 309 (taken once only)	1
	MLS 310	5
	MLS 350	5
	TOTAL	14-16
Senior Year	Practicum / Clinical Internship	
	MLS 431 (summer only)	3
	MLS 432 (fall or spring)	5
	MLS 434 (fall or spring)	4
	MLS 436 (fall or spring)	1
	MLS 437 (fall or spring)	3
	MLS 438 (summer only)	4
	MLS 439 (fall or spring)	1
	MLS 440 (fall or spring)	2
	MLS 441 (fall or spring)	1
	TOTAL	24
	TOTAL HOURS TO DEGREE COMPLETION 120	

Course Number	Course Name
GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (28)	
HSA 100	Student Success Seminar (1)
ENG 101	Reading, Writing and Rhetoric I (3)
ENG 102	Research, Writing and Rhetoric (3)
COM E3, 5, 6	CMS 210 or 215 (3) General Education E-3, 5, and 6 (18)
SUPPORTING COURSE REQUIREMENTS (31)	
MLS 201	Intro to Medical Lab Science (3)
{ MLS 209 } { MLS 211 }	Microbiology for Health Sciences (3) & Medical Microbiology Lab (1)
<u>OR</u>	<u>OR</u>
BIO 273	Clinical Microbiology (4)
MLS 290	Medical Biochemistry (3)
MAT 114	College Algebra (3)
CHE 111 and	General Chemistry I (3)
CHE 111L	General Chemistry I Lab (1)
CHE 112 and	General Chemistry II (3)
CHE 112L	General Chemistry II Lab (1)
HSA 200	Medical Terminology (3)
BIO 111	Cellular and Molecular Biology (4)
BIO 308	Anatomy & Physiology II (3)
UPPER DIVISION CORE COURSE REQUIREMENTS (55)	
MLS 300	Laboratory Administration (2)
MLS 303	Clinical Laboratory Skills (1)
MLS 305	Analysis of Body Fluids (3)
MLS 308	Serology & Molecular Techniques (3)
MLS 309	Clinical Immunology (1)
MLS 310	Hematology & Coagulation (5)
MLS 320	Immunohematology (3)
MLS 346	Clinical Chemistry (5)
MLS 350	Bacteriology (5)
MLS 355	Mycology, Parasitology & Virology (4)
MLS 431	Clinical Correlations (3) (summer only)
MLS 432	Clinical Chemistry Pract. (5)
MLS 434	Clinical Microbiology Pract. (4)
MLS 436	Lab Management & Education (1)
MLS 437	Clinical Laboratory Seminar (3)
MLS 438	Hematology Pract. (4) (summer only)
MLS 439	Urinalysis Pract. (1)
MLS 440	Blood Bank Pract. (2)
MLS 441	Immunology Pract. (1)
ELECTIVES (6)	
TOTAL HOURS (120)	

MLS Core courses are distributed throughout Supporting and Upper-Division Requirements. Consult with your advisor and/or the University catalog regarding prerequisites for upper division MLS program

TOTAL CREDIT HOURS FOR DEGREE = 120 HOURS. The 27 hours of general education requirements should include the following areas: Element 1A (3), 1B (3), 1C (3), 3 (6), 5 (6), and 6 (6). The number in parenthesis is the credit hours for the course.

Note: MLS 290 can be taken in third semester or in the summer; MLS 209 can be taken in fourth semester or in the summer; MLS 303 and MLS 309 are only taken once in the fifth or sixth semester.



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