



SCHOOL OF
MEDICINE
MEDICAL LABORATORY
SCIENCES PROGRAM

Medical Laboratory Sciences Suggested Degree Plan

Semester 1 (Spring) Courses	Credit hours
BIOL 1140/1140L	4
MATH 1220	3
ENGL 1110	3
1 Humanities choice	3
	TOTAL CREDIT HOURS FOR SEMESTER: 13
Semester 2 (Fall) Courses	Credit hours
CHEM 1215/1215L	4 (Pre-requisite: MATH 1220)
MATH 1350	3
1 Second Language	3
ENGL 1120	3
	TOTAL CREDIT HOURS FOR SEMESTER: 13

Semester 3(Spring) Courses	Credit hours
BIOL 2110C	4 (Pre-requisite: CHEM 1215/1215L)
CHEM 1225/1225L	4
COMM 2121	3
1 Social choice	3
	TOTAL CREDIT HOURS FOR SEMESTER: 14
Semester 4 (Fall) Courses	Credit hours
BIOL 2210	3 (Pre-requisite: BIOL 1140 or 2110 and CHEM 1215/1215L)
BIOL 2305	4
BUSA 1110	3
1 Diversity Course	3
	TOTAL CREDIT HOURS FOR SEMESTER: 13
Semester 5(Spring) Courses	Credit hours
BIOL 2225	3 (Pre-requisite: BIOL 1140 or 2110 and Chem 1215/1215L)
CHEM 301/303L	4 (Pre-requisite: CHEM 1225)
BCIS 1110	3
1 Fine Arts choice	3
	TOTAL CREDIT HOURS FOR SEMESTER: 13
*Note: Student can apply to MLS Program during last semester taking pre-requisite courses	

NOTE: MEDL courses for Med Lab Sciences program are only offered in the semester listed below. Students CANNOT take these courses if not accepted into the Med Lab Sciences program and all pre-requisite courses MUST be completed before starting the Med Lab Sciences Program.

Semester 6 courses (Only offered in Fall)	Credit hours
MEDL 310/311 Clinical Chemistry/lab	3/2
MEDL 410L Adv Clin Chemistry	3
MEDL 330/331L Intro to Microbiology/lab	3/2
MEDL 430/431L Adv Clin Microbiology/lab	3/2
	TOTAL CREDIT HOURS FOR SEMESTER: 18
Semester 7 courses (Only offered in Spring)	Credit hours
MEDL 320/321L Hematology & Hemostasis/lab	4/2
MEDL 420L Adv Clin Hem & Hemostasis	3
MEDL 340L Immunohematology	2
MEDL 440L Adv Immunohematology	2
MEDL 432L Clinical Parasitology	2
MEDL 445 Clin Lab Management	2
	TOTAL CREDIT HOURS FOR SEMESTER:17

Semester 8 courses (Only offered in Summer)	Credit hours
MEDL 234 MLS Immunology	3
MEDL 300L Introduction to MLS	2
MEDL 315L Clinical Serology	2
MEDL 350L Clinical Urinalysis	2
	TOTAL CREDIT HOURS FOR SEMESTER: 9
Semester 7 courses (Only offered in Spring or Fall)	Credit hours
MEDL 351 Clinical Chemistry Rotation	3
MEDL 352 Clinical Hematology/ Hemostasis Rotation	3
MEDL 355 Urinalysis Rotation	1
MEDL 451 Clinical Advanced Chemistry Rotation	1
MEDL 452 Clinical Adv Hem/ Hemostasis Rotation	2
MEDL 453 Clinical Microbiology Rotation	5
MEDL 454 Clinical Immunohematology Rotation	4
	TOTAL CREDIT HOURS FOR SEMESTER:19