



SCHOOL OF
MEDICINE
MEDICAL LABORATORY
SCIENCES PROGRAM

Medical Laboratory Sciences Suggested Degree Plan

Semester 1 (Spring) Courses	Credit hours
BIOL 1140/1140L General Biology/Lab	4 (GEN ED AREA 3 requirement 4 credits out of 4 credits required)
MATH 1220 Algebra	3 (GEN ED AREA 2 requirement 3 credits out of 3 credits required)
ENGL 1110	3 (GEN ED AREA 7 requirement 3 credits out of 6 credits required)
1 Humanities choice	3 (GEN ED AREA 5A requirement 3 credits out of 3 credits required)
	TOTAL CREDIT HOURS FOR SEMESTER: 13
Semester 2 (Fall) Courses	Credit hours
CHEM 1215/1215L Gen Chem1/lab	4 (Pre-requisite: MATH 1220) (GEN ED AREA 7 requirement 3 credits out of 6 credits required)
MATH 1350 Statistics	3
1 Second Language	3 (GEN ED AREA 5B requirement 3 credits out of 3 credits required)
ENGL 1120	3 (GEN ED AREA 1 requirement 3 credits out of 6 credits required)
	TOTAL CREDIT HOURS FOR SEMESTER: 13

Semester 3(Spring) Courses	Credit hours
BIOL 2101/2103 (4) Molecules to Cells/lab OR BIOL 2110C (at CNM) Cell Biology	4
CHEM 1225/1225L Gen Chem2/lab	4
COMM 1130 or 2121 or ENGL 2210	3 (GEN ED AREA 1 requirement 3 credits out of 6 credits required)
1 Social choice	3 (GEN ED AREA 4 requirement 3 credits out of 3 credits required)
	TOTAL CREDIT HOURS FOR SEMESTER: 14
Semester 4 (Fall) Courses	Credit hours
BIOL 2210 A&P I	3 (Pre-requisite: BIOL 1140 or 2110C and CHEM 1215/1215L)
BIOL 2305 Microbiology	4 (Pre-requisite: BIOL 1140 or 2110 and CHEM 1215/1215L)
1 Diversity Course	3 (UNM Diversity requirement 3 credits out of 3 credits required)
	TOTAL CREDIT HOURS FOR SEMESTER: 10
Semester 5(Spring) Courses	Credit hours
BIOL 2225 A&P II	3 (Pre-requisite: BIOL 2210)
CHEM 301/303L O Chem I/Lab Or Chem 2120 Integrated Organic/Biochem	4 (Pre-requisite: CHEM 1225)
1 Fine Arts choice	3 (GEN ED AREA 6 requirement 3 credits out of 3 credits required)
	TOTAL CREDIT HOURS FOR SEMESTER: 10

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 prerequisite 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 Molecular Diagnostics & Applied Clinical Math	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

Total minimum credits for BS MLS (includes 31 for GEN ED, 3 for Diversity, 26 for MLS prerequisites (Chem 1215L also) and 63 for MLS program curriculum: 123

Gen Ed Requirements: <https://gened.unm.edu/>