

## University of New Mexico Bachelor of Science in Medical Laboratory Science Curriculum (F2025)

### Complete the General Education Requirements (Areas 1-7) and Diversity Course Requirement (31 credits +3 diversity)

Area 1 Communication	Area 2 Mathematics	Area 3 Physical/Natural Science	Area 4 Social/Behavioral Science	Area 5A Humanities	Area 5B Second Language	Area 6 Art/Design	Area 7 Student Choice	Diversity
ENGL 1120 (3)	MATH 1220 (3) College Algebra	BIOL 1140 BIOL 1140L (4) General Biology	Acceptable 3 credit course	Acceptable 3 credit course	Acceptable 3 credit course	Acceptable 3 credit course	ENGL 1110 (3)	Acceptable 3 credit course
COMM 2121 or other (3)							CHEM 1215 (3)	

### Complete the UNM Medical Laboratory Sciences Program Prerequisites (26 Credits)

Course #	Course Name
BIOL 2101/ BIOL 2103L (4) <b>Or</b> BIOL 2110C (4)	Molecules to Cells (Lecture/Lab)  Cell Biology (Lecture/Lab)
BIOL 2210 (3)	Anatomy/Physiology I
BIOL 2225 (3)	Anatomy/Physiology II
BIOL 2305 (4) <b>Or</b> BIOL 351/352L	Microbiology for Health Sciences (Lecture/Lab)  General Microbiology (Lecture/Lab)
CHEM 1215L (1)	General Chemistry I Lab
CHEM 1225/1225L (4)	General Chemistry (Lecture/Lab)
CHEM 301/301L (4) <b>Or</b> CHEM 2120 (4)	Organic Chemistry (Lecture/Lab)  Integrated Organic & Biochemistry
MATH 1350 (3) Or higher math than Math 1220	Statistics


- ✓ Grade of C or better required in all prerequisite courses.
- ✓ GPA in Biology, Chemistry and Math Sections must be  $\geq 2.8$ .
- ✓ **If interested in MLS Program, student must meet with MLS Program Advisor**  
**For appointment, email:**  
[HSC-MLS@salud.unm.edu](mailto:HSC-MLS@salud.unm.edu)

**MLS Program (MEDL) 63 credits**

- Enter in Spring or Fall (if accepted after interview)
- All prerequisites must be completed

Fall Semester (only) 18 credit hours	Spring Semester (only) 17 credit hours	Summer Semester (only) 9 credit hours	Final Semester Rotation Courses 19 credit hours <i>(Spring or Fall after all MLS courses completed)</i>
<b>MEDL 310</b> Clinical Chemistry (3)	<b>MEDL 320</b> Hematology & Hemostasis (4)	<b>MEDL 234</b> MLS Immunology (3)	<b>MEDL 351</b> Clinical Chemistry (3)
<b>MEDL 311L</b> Clinical Chemistry Lab (2)	<b>MEDL 320L</b> Hematology & Hemostasis Lab (2)	<b>MEDL 300L</b> Molecular Diagnostics & Applied Clinical Math (2)	<b>MEDL 352</b> Clinical Hematology/ Hemostasis (3)
<b>MEDL 410L</b> Adv Clin Chemistry (3)	<b>MEDL 420L</b> Adv Clin Hem & Hemostasis (3)	<b>MEDL 315L</b> Clinical Serology (2)	<b>MEDL 355</b> Urinalysis (1)
<b>MEDL 330</b> Intro to Microbiology (3)	<b>MEDL 340L</b> Immunoematology (2)	<b>MEDL 350L</b> Clinical Urinalysis (2)	<b>MEDL 451</b> Clinical Advanced Chemistry (1)
<b>MEDL 331L</b> Intro to Microbiology Lab (2)	<b>MEDL 440L</b> Adv Immunoematology (2)		<b>MEDL 452</b> Clinical Adv Hem/ Hemostasis (2)
<b>MEDL 430</b> Adv Clin Microbiology (3)	<b>MEDL 432L</b> Clinical Parasitology (2)		<b>MEDL 453</b> Clinical Microbiology (5)
<b>MEDL 431L</b> Adv Clin Microbiology Lab (2)	<b>MEDL 445</b> Clin Lab Management (2)		<b>MEDL 454</b> Clinical Immunoematology (4)

**Cost of MLS Program for 2025**

UNM Tuition	
Books	Estimated \$700 for MLS Program
Lab Fee	\$550 (entire program)
Online Course Fee	\$100 per 3- hour course
Needle Stick Insurance	\$30 -80 (UNM Burs
Background check and drug test	\$ 80-100 (during rotation semester)

MLT students must either pass knowledge exam (80%) for all transferred MLT courses or take 300 level MLS courses (see MLT criteria attachment)

**BS MLS Degree minimum credits to graduate: 123**

