

## Bachelor of Science in Medical Laboratory Sciences (BS MLS) Curriculum 2024

**When does it start?** Enter either in spring or fall semester. Courses offered once per year.

**Timeline:** Must complete all courses listed for spring, summer and fall semesters before starting Clinical Rotation Courses.

**Acceptable passing grade for MLS courses is  $\geq 72$ .**

<b>Fall Semester Courses: 18 credits</b>	<b>Credits and Delivery Option</b>	<b>Other info</b>
MEDL 310 Introduction to Clinical Chemistry (Lecture)	3 credits On Campus or Online	
MEDL 311L Introduction to Clinical Chemistry Lab	2 credits On Campus or Online	
MEDL 410L Adv. Clinical Chemistry	3 credits On Campus or Online	Starts after 300 level chemistry courses completed with $\geq 72$
MEDL 330 Intro to Clinical Microbiology (Lecture)	3 credits Online	
MEDL 331L Intro to Clinical Microbiology Lab	2 credits On Campus	
MEDL 430 Adv. Clin Microbiology (Lecture)	3 credits Online	Starts after 300 level micro courses completed with $\geq 72$
MEDL 431 Adv. Clin Microbiology Lab	2 credits On Campus	Starts after 300 level micro courses completed with $\geq 72$

<b>Spring Semester Courses: 17 credits</b>	<b>Credits and Delivery Option</b>	<b>Other info</b>
MEDL 320 Introduction to Clinical Hematology/Hemostasis (Lecture)	4 credits On Campus or Online	
MEDL 321L Clinical Hematology & Hemostasis Lab	2 credits On Campus	
MEDL 420L Adv. Clinical Hematology/Hemostasis (Lecture)	3 credits Hybrid	Starts after 300 level Hematology courses completed with $\geq 72$
MEDL 340L Introduction to Clinical Immunohematology	2 credits On Campus or Online	
MEDL 440L Advanced Clinical Immunohematology	2 credits On Campus or Online	Starts after 300 level Immunohematology courses completed with $\geq 72$
MEDL 432 Clinical Parasitology	2 credits Hybrid	
MEDL 445 Clinical Management and Education	2 credits On campus or Online	

<b>Summer Semester Courses: 9 credits</b>	<b>Credits and Delivery Option</b>	<b>Other info</b>
MEDL 234 Introduction to Clinical Immunology	3 credits On Campus or Online	
MEDL 300L Molecular Diagnostics & Applied Clinical Math	2 credits On Campus	
MEDL 315L Clinical Serology	2 credits On Campus or Online	
MEDL 350L Clinical Urinalysis	2 credits On Campus or Online	

<b>Clinical Rotation Courses: 19 credits (Final Semester)</b>	<b>Credits</b>	<b>Other info</b>
MEDL 351 Basic Clinical Chemistry Rotation	3 credits	
MEDL 352 Basic Hematology/Hemostasis Rotation	3 credits	
MEDL 355 Clinical Urinalysis Rotation	1 credit	
MEDL 451 Advanced Clinical Chemistry Rotation	1 credit	
MEDL 452 Advanced Hematology and Hemostasis Rotation	2 credits	
MEDL 453 Clinical Microbiology Rotation	5 credits	
MEDL 454 Clinical Immunohematology Rotation	4 credits	

**Number of total credits: 63**

**Total minimum credits for BS MLS: 123**

### **Program Cost as of 2024**

- Tuition: please visit link below for current UNM cost (<https://bursar.unm.edu/tuition-and-fees/tuition-fee-information.html> )
- Books: estimated \$ 700 for MLS program
- Lab Fees: \$550 for MLS program
- Online Course fee: \$ 100 per 3-hour course
- Needle stick insurance: estimated \$80 (UNM bursar deducts)
- Background check and Drug test: estimated at \$80 (during final semester)