



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 ≥ 72 .

Fall Semester Courses	Credits and Delivery Option	Other info
MEDL 310 Introduction to Clinical Chemistry (Lecture)	3 credits Online	
MEDL 311L Introduction to Clinical Chemistry Lab	2 credits On Campus or Online	
MEDL 410L Adv. Clinical Chemistry	3 credits Online or On Campus	Starts after 300 level chemistry courses completed with ≥ 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 ≥ 72
MEDL 431 Adv. Clin Microbiology Lab	2 credits On Campus	

Spring Semester Courses	Credits and Delivery Option	Other info
MEDL 320 Introduction to Clinical Hematology/Hemostasis (Lecture)	4 credits 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 ≥ 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 ≥ 72
MEDL 432 Clinical Parasitology	2 credits Hybrid	
MEDL 445 Clinical Management and Education	2 credits On campus or Online	

Summer Semester Courses	Credits and Delivery Option	Other info
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	

Clinical Rotation Courses (Final Semester)	Credits	Other info
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

Program Cost as of 2024

- Tuition: please visit link below for current UNM cost
<https://bursar.unm.edu/tuition-and-fees/tuition-and-fee-rates.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