Arizona State University (revised 11.2024)

Medical Laboratory Science (MLS level) Program Schedule

2024-2026

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| **PHOENIX COLLEGE COURSES** | ASU Courses | DATES |
| MDL190 – Clinical Laboratory Operations\*This course is not financial aid eligible | **MDL 410 – Laboratory Leadership** | MDL-190 December 6, 2024– January 3, 2025In-person 12/6, 12/13, 1/3MDL-410 January 2-11 202, In-person 1/6 |
| **MDL 240** - Clinical Urinalysis and Body Fluids | **MDL 420 – Advanced Clinical Urinalysis and Body Fluids** | January 10, 2025– February 3, 2025 |
| **MDL 242** – Clinical Hematology and Hemostasis | **MDL 430 – Advanced Hematology and Hemostasis** | February 7, 2025– March 31, 2025 |
| **MDL 244** – Clinical Immunohematology and Immunology | **MDL 440 – Advanced Immunohematology and Immunology** | April 4, 2025 – May 16, 2025 |
| **MDL 252** – Clinical Preparation Course I |  | May 19, 2025 – May 22, 2025 -or-May 27, 2024 – May 30, 2025 |
| Clinical Rotations **MDL 241** – Practicum: Urinalysis MDL 243 – Practicum: Hematology and  Hemostasis MDL 245: Practicum Immunology and  Immunohematology  | Clinical RotationsMDL 421 – Advanced Practicum: UrinalysisMDL 431 – Advanced Practicum:Hematology and Hemostasis MDL 441 – Advanced Practicum: Immunology and Immunohematology  | Urinalysis  Hematology  Immunology/BB June 2, 2025 – August 8, 2025(Dates/times variable) |
| MDL246 – Clinical Microbiology  | MDL 450 – Advanced Clinical Microbiology | August 22, 2025 – October 13, 2025 |
| MDL 248 – Clinical Chemistry  | MDL 460 – Advanced Clinical Chemistry | October 17, 2025 – December 8, 2025 |
| MDL 263 – Clinical Preparation Course II |  | January 5, 2026 – January 13, 2026 |
| Clinical Rotations MDL 247 – Practicum: Microbiology MDL 249 – Practicum: Chemistry  | Clinical RotationsMDL 451 – Practicum: Advanced MicrobiologyMDL 461 – Practicum: Advanced Chemistry | Microbiology  Chemistry January 20, 2026 – May 8, 2026 (Dates/times variable) |
| MDL 291 – Medical Laboratory Science Program Capstone |  | January 12, 2026 – April 17, 2026 |

ASU Medical Laboratory Science program hybrid design includes online learning, and classes are held on Fridays from 8:00am-12pm and Mondays from 8:00 am to 4 pm at Phoenix College in the spring and fall semesters.

Clinical practicums are completed June through August, and the following January through May, and average 40 hours per week.