



Get Started



Stark State College Associate of Applied Science: Medical Laboratory Technology to University of Cincinnati Bachelor of Science in Medical Laboratory Science (Online)

Stark State Semester 1

Student Success Seminar	1 hour
Principles of Human Structure & Function (lab)	5 hours
Fundamentals of Laboratory Techniques	2 hours
Immunology / Serology	3 hours
Hematology I	3 hours

Stark State Semester 2

General, Organic, & Biological Chemistry I	4 hours
College Composition	3 hours
Hematology II	3 hours
Immunohematology	5 hours

Stark State Semester 3

Principles of Microbiology (lab)	4 hours
Urinalysis & Body Fluids	3 hours

Stark State Semester 4

Biochemistry I	3 hours
Clinical Chemistry	4 hours
Clinical Microbiology	5 hours

Stark State Semester 5

Social Science Elective	3 hours
MLT Applications	3 hours
MLT Directed Practice	6 hours
MLT Seminar	1 hour

UC Semester 1

Clinical Fluids Analysis	2 hours
Principles of Molecular & Immunologic Studies	3 hours
Special Topics Medical Lab Science	2 hours

UC Semester 2-5 (rotating didactic)

Special Microbiology (Myco/Viro/Parasit)	3 hours
Clinical Microbiology	3 hours
Advanced Microbiology	3 hours

UC Semester 2-5 (rotating didactic)

Principles of Immunohematology	3 hours
Advanced Immunohematology	4 hours
Statistics	2 hours

UC Semester 2-5 (rotating didactic)

Clinical Chemistry	3 hours
Advanced Clinical Chemistry	3 hours
Advanced Clinical Molecular & Immunological Diagnostics	3 hours

UC Semester 2-5 (rotating didactic)

Hematology	3 hours
Advanced Hematology	4 hours
Hemostasis	1 hour

UC Semester 6

Advanced Clinical Practice	6 hours
Advanced Laboratory Concepts	2 hours
Laboratory Operations	2 hours

UC Semester 7

MLS Laboratory Capstone	2 hours
Advanced Clinical Correlations	6 hours

The following suggested course sequence includes all course requirements for this program's Transfer Degree Map (articulation agreement). You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements.