



Get Started

**Columbus State Community College Associate of Applied Science in
Medical Laboratory Technology to University of Cincinnati Bachelor of
Science in Medical Laboratory Science**

Columbus State Semester 1

Basic Concepts in Health Care	2 hours
Lab Theory for Health Industries	2 hours
Lab Techniques for Health Industries	1 hour
Fund. of Human Anatomy & Physiology	3 hours
First Year Experience Seminar	1 hour
Intro Medical Coding and Reimbursement	2 hours
Venipuncture for HC Providers	2 hours

Columbus State Semester 2

Intro to MLT Lecture	1 hour
Intro to MLT Lab	1 hour
Hematology I Lecture	2 hours
Hematology I Lab	2 hour
Clinical Chemistry Lecture	1 hours
Clinical Chemistry Lab	1 hours
Introduction Microbiology	4 hours
Elements of Organic Biochemistry	4 hours

Columbus State Semester 3

Immunology Lecture	1 hour
Immunology Lab	1 hour
Body Fluids Lecture	2 hours
Body Fluids Lab	1 hours
Clinical Microbiology Lecture	3 hours
Clinical Microbiology Lab	3 hours
Composition I	3 hours

Columbus State Semester 4

Immunochemistry Lecture	2 hours
Immunochemistry Lab	2 hours
Hematology II Lecture	1 hour
Hematology II Lab	1 hour
Medical Lab Case Correlations	1 hour
Social/Behavioral Elective	3 hours
Elementary Statistics	3 hours

Columbus State Semester 5

MLT Clinical Seminar	1 hours
MLT Clinical Practicum	2 hours
Humanities Elective	3 hours
Business Communication	3 hours

UC Semester 1

Clinical Fluids Analysis	2 hours
Clinical Immunology	3 hours
Special Topics in Medical Lab Science	2 hours

UC Semester 2-5 (Rotating Didactic)

Special Microbiology	3 hours
Clinical Microbiology	3 hours
Advanced Microbiology	3 hours

UC Semester 2-5 (Rotating Didactic)

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

(Continued)



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Northcentral Technical College Associate's in Medical Laboratory Technician to University of Cincinnati Bachelor of Science in Medical Laboratory Science

UC Semester 2-5 (Rotating Didactic)

Clinical Chemistry	<i>3 hours</i>
Advanced Clinical Chemistry	<i>3 hours</i>
Diagnostic Molecular Biology	<i>3 hours</i>

UC Semester 2-5 (Rotating Didactic)

Hematology	<i>3 hours</i>
Advanced Hematology	<i>4 hours</i>
Hemostasis	<i>1 hour</i>

UC Semester 6

Advanced Clinical Practice	<i>6 hours</i>
Advanced Laboratory Concepts	<i>2 hours</i>
Laboratory Operations	<i>2 hours</i>

UC Semester 7

MLS Laboratory Capstone	<i>2 hours</i>
Advanced Clinical Correlations	<i>6 hours</i>