



Get Started

Reading Area Community College Associate of Applied Science in Medical Laboratory Technology to University of Cincinnati Bachelor of Science in Medical Laboratory Science

RACC Program Prerequisites

College Success Strategies	3 hours
Intermediate Algebra	3 hours
Principles of Chemistry	4 hours
Essentials of Biology	4 hours
Biology I	4 hours

RACC Semester 1

English Composition I	3 hours
Anatomy & Physiology I	4 hours
Introduction to the Clinical Laboratory	1 hour
Chemistry I	4 hour
Statistics	3 hours
Microcomputer Applications	3 hours

RACC Semester 2

Fund. of Speech/Technical Writing	3 hours
Anatomy & Physiology II	4 hours
Basic Immunology	3 hours
Clinical Implications of Laboratory Tests	1 hour
Organic Chemistry I	4 hours
Chemistry of Biomolecules	1 hour

RACC Semester 3

Theory of Chemical Instrumentation	2 hours
Microbiology	4 hours
Clinical Laboratory Techniques	4 hours
Intro to Philosophy/Intro to Ethics	3 hours
Sociology/Gen. Psychology	3 hours

RACC Semester 4

Clinical Urinalysis	1 hour
Clinical Serology	1 hour

RACC Semester 5

Clinical Hematology/Coagulation	5 hours
Clinical Microbiology	4 hours
Clinical Chemistry	4 hours
Clinical Blood Banking and Immunology	4 hours

UC Semester 1

Clinical Fluid Analysis	2 hours
Clinical Immunology	3 hours
Special Topics in 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
Diagnostic Molecular Biology	3 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.



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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>