

Medical Laboratory Technician Associate of Applied Science

Fall Admission Pathway

www.pima.edu/medical-lab-aas

Prepare for a career in medical laboratory technology through classroom study and supervised clinical experience. Learn about blood, analysis of body fluids, bacteriology, parasitology, clinical chemistry and other aspects of medical laboratory technology.

Selective Admissions Program: In order to be fully admitted to this program, you must fulfill the requirements listed on the program website. See the website or an advisor for details.

Title IV Financial Aid eligible: Yes

What can I do with this degree?

Career options: Work in the clinical laboratory of a hospital, clinic, reference laboratory, blood bank, coroner's office or in biomedical research.

Academic options: This program may apply toward a Bachelor of Applied Science (BAS). See an advisor.

CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR

Placement

Students must meet prerequisite standards before taking MAT 151, REA 112HP, and WRT 101, required in the preparatory courses and pathway below. If you are not prepared for these courses based on placement results you will need to take courses to build your skills prior to taking them. The sequence of courses follows.

Math: ICS 081 > MAT 092 > MAT 097 > MAT 151 or MAT 188

Reading: ICS 079 > REA 081 > REA 091 > REA 112 or REA 112HP

Writing: ICS 079 > WRT 090 > WRT 101 (or WRT 101S can replace both WRT 090 and WRT 101)

Preparatory Coursework (Coursework Total: 8-16 credits)

Prior to applying for program admission, students must complete the following courses and/or attain the following scores:

BIO 201IH: Human Anatomy, Physiology and Histology (4 credits)

CHM 151IN: General Chemistry I (4 credits)

MAT 151: College Algebra (4 credits)
or **MAT 188:** Precalculus I (4 credits)
or placement into **MAT 189** (0 credits)

REA 112: Critical Reading (4 credits)
or **REA 112HP:** Critical Reading for Health Professions (4 credits)
or **Accuplacer** test score of 92 or higher (0 credits)

Semester Pathway

This pathway is a suggested sequence of courses for full-time students. Part-time students or those with specific interests or transfer needs are encouraged to work with an advisor to develop a unique academic map.

Semester 1 – Fall (Semester Total: 14-15 credits)

ANT 210: Cultural Anthropology (3 credits)
or **GEO 103:** Cultural Geography (3 credits)
or **PSY 132:** Psychology and Culture (3 credits)

BIO 205IN: Microbiology (4 credits)

PHI 123: Philosophical Foundations of Science (3 credits)
or **SPA 101:** Elementary Spanish I (4 credits)

STU 100: Student Success and Career Planning (1 credit)

WRT 101: English Composition I (3 credits)

Semester 2 – Spring (Semester Total: 16 credits)

MLT 100IN: Phlebotomy for Medical Laboratory Technician (4 credits)

MLT 211: Hematology (5 credits)

MLT 221: Clinical Chemistry (4 credits)

MLT 260: Parasitology and Immunology/Serology (3 credits)

Semester 3 – Summer (Semester Total: 6 credits)

MLT 199: Introductory Co-op: Phlebotomy Lab Assisting (1.5 credits)

MLT 199WK: Introductory Co-op Work: Phlebotomy Lab Assisting (1.5 credits)

PHI 130: Introductory Studies in Ethics and Social Philosophy (3 credits)

or **PSY 218:** Health Psychology (3 credits)
or **PSY/SOC 215:** Human Sexuality (3 credits)

Semester 4 – Fall (Semester Total: 13 credits)

MLT 200: Urinalysis/Body Fluids (3 credits)

MLT 231: Immunohematology/Immunology (5 credits)

MLT 251: Clinical Microbiology (5 credits)

Semester 5 – Spring (Semester Total: 14 credits)

MLT 299: Advanced Co-op: Medical Lab Technician (6.5 credits)

MLT 299WK: Advanced Co-op Work: Medical Lab Technician (7.5 credits)

PROGRAM TOTAL: 63-64 credits

PROGRAM TOTAL WITH PREPARATORY COURSEWORK: 71-80 credits

Find more information about this program at:
www.pima.edu/medical-lab-aas