

Medical Laboratory Technician Associate of Applied Science

Full-Time Fall Start

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.

Special 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 112, and WRT 101, which are 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: ACL 080 > REA 091

Writing: ACL 080 > WRT 090 > WRT 101 (or WRT101S 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 Next Gen Accuplacer test score of 256 or higher (0 credits)

Semester Pathway

This pathway is a suggested sequence of courses for your program of study. Work with an advisor to develop a unique pathway for you based on your placement recommendations, any prior college courses and your specific situation.

General Education Note: When General Education (Gen. Ed.) credits are listed below, select from the appropriate General Education course list linked from the program website. Some programs recommend specific courses.

For this pathway, ensure that one Gen. Ed. course fulfills the C or G requirement.

Semester 1 – Fall (Semester Total: 14-15 credits)**BIO 205IN:** Microbiology (4 credits)**STU 100:** Student Success and Career Planning (1 credit)**WRT 101:** English Composition I (3 credits)**Gen. Ed.:** CTE Arts & Humanities List. Recommend PHI 123: Philosophical Foundations of Science (3 credits) or SPA 101: Elementary Spanish I (4 credits)**Gen. Ed.:** CTE Other Requirements List. Recommend ANT 210: Cultural Anthropology (3 credits) or GEO 103: Cultural Geography (3 credits) or PSY 132: Psychology and Culture (3 credits)**Semester 2 – Spring (Semester Total: 15 credits)****MLT 100IN:** Phlebotomy for Medical Laboratory Technician (3 credits)**MLT 265IN:** Parasitology and Immunology/Serology (3 credits)**MLT 275IN:** Hematology (5 credits)**MLT 285IN:** Clinical Chemistry (4 credits)**Semester 3 – Summer (Semester Total: 3 credits)****MLT 199:** Introductory Co-op: Phlebotomy Lab Assisting (1.5 credits)**MLT 199WK:** Introductory Co-op Work: Phlebotomy Lab Assisting (1.5 credits)**Semester 4 – Fall (Semester Total: 16 credits)****MLT 230IN:** Immunohematology/Immunology (5 credits)**MLT 240IN:** Urinalysis/Body Fluids (3 credits)**MLT 250IN:** Clinical Microbiology (5 credits)**Gen. Ed.:** CTE Social & Behavioral Science List. Recommend 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 5 – Fall (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: 62-63 credits****PROGRAM TOTAL WITH PREPARATORY COURSEWORK: 70-79 credits**Program/Major Codes: **AASMLT/MLT**

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