



Associates of Science Degree

MEDICAL LABORATORY TECHNICIAN (MLT) CURRICULUM

PREREQUISITE COURSEWORK

Course	Title	Credits
ENG 100 or ESL 100	Composition I or Expository Writing	3
MATH 103 or higher	College Algebra (or higher-level math course)	3
BIOL 130 or BIOL 171 or PHYL 141 & PHYL 142	Anatomy and Physiology or General Biology I or Human Anatomy/Physiology I & II	4/3/6
CHEM 161	General Chemistry I	3
CHEM 161L	General Chemistry I Lab	1
MLT 100	Introduction to Clinical Laboratory	2

Total credits 15-18

MLT CURRICULUM

First Semester (SPRING)

Course	Title	Credits
CHEM 162*	General Chemistry II	3
CHEM 162L*	General Chemistry II Lab	1
MICRO 130*	General Microbiology	3
MLT 107	Clinical Microbiology I	3
MLT 108	Hematology	5
MLT 118	Body Fluids	1
MICRO 161*	Immunology & Protein Chemistry	2

Total spring credits 18

Second Semester (SUMMER)

Course	Title	Credits
MLT 112	Clinical Biochemistry I (Summer Session I)	3
MLT 100B	Phlebotomy Practicum (Summer Session II)	1

Total summer credits 4



Associates of Science Degree

MEDICAL LABORATORY TECHNICIAN (MLT) CURRICULUM

Third Semester (FALL)

Course	Title	Credits
MLT 204	Immunohematology	2
MLT 207	Clinical Microbiology II	3
MLT 211	Clinical Microscopy	1
MLT 212	Clinical Biochemistry II	4
AS/SS*	AS Social Sciences Elective (100 level or higher)	3
AS/ASH*	AS Humanities Elective (100 level or higher)	3

Total fall credits 16

Fourth Semester (SPRING)

Course	Title	Credits	Hours
MLT 240	Seminar	1	16
MLT 242B	Clinical Rotation II: Blood Bank	2	100
MLT 242C	Clinical Rotation II: Chemistry	4	180
MLT 242D	Clinical Rotation II: Microbiology	4	180
MLT 242E	Clinical Rotation II: Hematology	4	180
MLT 242F	Clinical Rotation II: General	4	180

Total spring credits 19

TOTAL MLT PROGRAM CREDITS 72-75

1. A grade of C or better must be maintained in all required courses to continue in the MLT program.
2. BIOL 171 is recommended for students interested in pursuing the B.S. in Medical Technology at UHM
3. Humanities & Social Science courses must be approved A.S. degree courses to fulfill degree requirements.
4. Clinical rotations are conducted in affiliated community hospitals and laboratories and involve a regular work week of 40 hours. Hours are scheduled by the clinical staff and may include an evening or a weekend shift.

* Indicates support courses that may be taken prior to admission into the MLT program. If courses are not completed prior to program entry, students are responsible to enroll during semester indicated. Please see Health Careers Counseling Center if you have any questions