

Medical Laboratory Technology (A45420)

Degree Type

Associate in Applied Science

Credential Number

A45420

General Education Requirements

Required Courses

Take 15 credits from

Item #	Title	Credits
BIO 271	Pathophysiology	3
ENG 111	Writing and Inquiry	3
ENG 112	Writing/Research in the Disc	3
PHI 240	Introduction to Ethics	3
PSY 150	General Psychology	3

Major Requirements

Required Courses

Take 13 credits from

Item #	Title	Credits
MLT 110	Intro to MLT	3
MLT 111	Urinalysis & Body Fluids	2
MLT 120	Hematology/Hemostasis I	4
MLT 130	Clinical Chemistry I	4

Microbiology

Take 6 credits from

Item #	Title	Credits
MLT 140	Intro to Microbiology	3
MLT 240	Special Clin Microbiology	3

Anatomy and Physiology

Take 1 of 2 Groups

Group 1 - Take 5 credits from

Item #	Title	Credits
BIO 163	Basic Anat & Physiology	5

Group 2 - Take 8 credits from

Item #	Title	Credits
BIO 168	Anatomy and Physiology I	4
BIO 169	Anatomy and Physiology II	4

Immunohematology

Take 5 credits from

Item #	Title	Credits
MLT 126	Immunology and Serology	2
MLT 127	Transfusion Medicine	3

Chemistry

Take 8 credits from

Item #	Title	Credits
CHM 151	General Chemistry I	4
CHM 152	General Chemistry II	4

Clinical Experience

Take 13 credits from

Item #	Title	Credits
MLT 283	MLT Practicum I	13

Other Major Requirements

Take 5 credits from

Item #	Title	Credits
ACA 122	College Transfer Success	1
MLT 215	Professional Issues	1
MLT 220	Hematology/Hemostasis II	3
PTE 121	Pathway to Employ-Health	3
WBL 111	Work-Based Learning I	1

Course Sequencing

1st Semester (Spring)

Item #	Title	Credits
BIO 163	Basic Anat & Physiology	5
MLT 110	Intro to MLT	3
	Other Major Requirements Choice (A45420)	1

2nd Semester (Fall)

Item #	Title	Credits
CHM 151	General Chemistry I	4
ENG 111	Writing and Inquiry	3
MLT 111	Urinalysis & Body Fluids	2
MLT 140	Intro to Microbiology	3

3rd Semester (Spring)

Item #	Title	Credits
CHM 152	General Chemistry II	4
MLT 120	Hematology/Hemostasis I	4
MLT 126	Immunology and Serology	2
MLT 127	Transfusion Medicine	3

4th Semester (Summer)

Item #	Title	Credits
BIO 271	Pathophysiology	3
MLT 215	Professional Issues	1
PHI 240	Introduction to Ethics	3
PSY 150	General Psychology	3

5th Semester (Fall)

Item #	Title	Credits
ENG 112	Writing/Research in the Disc	3
MLT 130	Clinical Chemistry I	4
MLT 220	Hematology/Hemostasis II	3
MLT 240	Special Clin Microbiology	3

Clinical Work Experience (Spring)

Item #	Title	Credits
MLT 283	MLT Practicum I	13
Total Credits		70