

MEDICAL LABORATORY TECHNICIAN

Associate in Applied Science Checklist

- Review the Program Admission requirements.
- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Prescribed Program	37
General Education	16
Electives	10-18
Digital Literacy	
Total Credits	63-71

Degree Plan

Semesters

Course	Title	Credits
1st Year		
Fall Semester		
General Education		
Written or Oral Communications		
ENGL 110	College Composition I	3
Arts & Humanities/Social & Behavioral Sciences		
Select one of the following recommended courses:		3
HIST 103	United States to 1877	
ECON 201	Principles of Microeconomics	
PSYC 111	Introduction to Psychology	
SOC 110	Introduction to Sociology	
Business, Math, Science & Technology		
MATH 210	Elementary Statistics (Recommended) ²	3
Prescribed Electives		
Select one of the following Science with lab combinations:		4-5
CHEM 115 & 115L	Introductory Chemistry and Introductory Chemistry Lab ³	
CHEM 121 & 121L	General Chemistry I and General Chemistry I Lab ³	
Select one of the following Science with lab combinations:		3-4
BIOL 220 & 220L	Anatomy and Physiology I and Anatomy and Physiology I Lab ^{3,4,5}	
MLS 102 & 102L	Human Structure and Function and Human Structure and Function Laboratory ³	
	Credits	16-18
Spring Semester		
General Education		
Written or Oral Communications		
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	

COMM 110	Fundamentals of Public Speaking (Recommended)	
Business, Math, Science & Technology		
MICR 202 & 202L	Introductory Microbiology and Introductory Microbiology Lab ³	4
Prescribed Electives		
Select one of the following:		3-5
CSCI 101	Introduction to Computers ³	
CHEM 116 & 116L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab ^{3,4}	
Prescribed Program		
MLS 101	Introduction to Medical Laboratory Science ³	1
MLS 105	Phlebotomy and Laboratory Procedures ^{1,3}	1
MLS 105L	Phlebotomy and Laboratory Procedures Laboratory ^{1,3}	1
	Credits	13-15
2nd Year		
Fall Semester		
Prescribed Program		
MLS 114	Urinalysis and Body Fluids ³	1
MLS 114L	Urinalysis and Body Fluids Laboratory ³	1
MLS 116	Clinical Parasitology and Mycology ³	1
MLS 116L	Clinical Parasitology and Mycology Laboratory ³	1
MLS 202	Immunology and Molecular Diagnostics ³	3
MLS 202L	Immunology and Molecular Diagnostics Laboratory ³	1
MLS 230	Clinical Chemistry ³	3
MLS 230L	Clinical Chemistry Laboratory ³	1
	Credits	12
Spring Semester		
Prescribed Program		
MLS 222	Hematology ³	3
MLS 222L	Hematology Laboratory ³	1
MLS 242	Immunohematology ³	3
MLS 242L	Immunohematology Laboratory ³	1
MLS 250	Clinical Microbiology ³	2
MLS 250L	Clinical Microbiology Laboratory ³	2
	Credits	12
Summer Semester		
Prescribed Program		
MLS 216	Clinical Experience I ³	3
MLS 221	Hemostasis ³	1
	Credits	4
3rd Year		
Fall Semester		
Prescribed Program		
MLS 256	Clinical Experience II ³	5
MLS 257	MLT Seminar ³	1
Prescribed Electives		
BIOL 221 & 221L	Anatomy and Physiology II and Anatomy and Physiology II Lab ^{3,4,5}	0-4
	Credits	6-10
	Total Credits	63-71

Digital Literacy

Select one of the following:

ENGL 110 College Composition I

NDUS Institution Approved Training Course

NDUS Institution Designated Digital Literacy Course

Footnotes

1

Students who possess an active PBT certification through American Society for Clinical Pathologists (ASCP) may apply for Prior Learning Credit for MLS 105 and MLS 105L.

2

Any of the following courses will satisfy the 3 Math credits required: MATH 103, MATH 104, MATH 107, MATH 110, MATH 146, MATH 165, MATH 210.

3

Students are required to earn a 'C' or higher or 'T' (test credit) or 'S' (satisfactory) in each course noted for successful completion of the MLT program.

4

Recommended if student is considering pursuing Medical Laboratory Scientist (MLS) degree.

5

If BIOL 220/BIOL 220L are chosen, BIOL 221/BIOL 221L are required.