

# 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	
<b>Total Credits</b>	<b>63-71</b>

## Degree Plan

### Semesters

Course	Title	Credits
<b>1<sup>st</sup> Year</b>		
<b>Fall Semester</b>		
<b>General Education</b>		
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) <sup>2</sup>	3
<b>Prescribed Electives</b>		
Select one of the following Science with lab combinations:		4-5
CHEM 115 & 115L	Introductory Chemistry and Introductory Chemistry Lab <sup>3</sup>	
CHEM 121 & 121L	General Chemistry I and General Chemistry I Lab <sup>3</sup>	
Select one of the following Science with lab combinations:		3-4
BIOL 220 & 220L	Anatomy and Physiology I and Anatomy and Physiology I Lab <sup>3,4,5</sup>	
MLS 102 & 102L	Human Structure and Function and Human Structure and Function Laboratory <sup>3</sup>	
<b>Credits</b>		<b>16-18</b>
<b>Spring Semester</b>		
<b>General Education</b>		
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 <sup>3</sup>	4
<b>Prescribed Electives</b>		
Select one of the following:		3-5
CSCI 101	Introduction to Computers <sup>3</sup>	
CHEM 116 & 116L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab <sup>3,4</sup>	
<b>Prescribed Program</b>		
MLS 101	Introduction to Medical Laboratory Science <sup>3</sup>	1
MLS 105	Phlebotomy and Laboratory Procedures <sup>1,3</sup>	1
MLS 105L	Phlebotomy and Laboratory Procedures Laboratory <sup>1,3</sup>	1
<b>Credits</b>		<b>13-15</b>
<b>2<sup>nd</sup> Year</b>		
<b>Fall Semester</b>		
<b>Prescribed Program</b>		
MLS 114	Urinalysis and Body Fluids <sup>3</sup>	1
MLS 114L	Urinalysis and Body Fluids Laboratory <sup>3</sup>	1
MLS 116	Clinical Parasitology and Mycology <sup>3</sup>	1
MLS 116L	Clinical Parasitology and Mycology Laboratory <sup>3</sup>	1
MLS 202	Immunology and Molecular Diagnostics <sup>3</sup>	3
MLS 202L	Immunology and Molecular Diagnostics Laboratory <sup>3</sup>	1
MLS 230	Clinical Chemistry <sup>3</sup>	3
MLS 230L	Clinical Chemistry Laboratory <sup>3</sup>	1
<b>Credits</b>		<b>12</b>
<b>Spring Semester</b>		
<b>Prescribed Program</b>		
MLS 222	Hematology <sup>3</sup>	3
MLS 222L	Hematology Laboratory <sup>3</sup>	1
MLS 242	Immunohematology <sup>3</sup>	3
MLS 242L	Immunohematology Laboratory <sup>3</sup>	1
MLS 250	Clinical Microbiology <sup>3</sup>	2
MLS 250L	Clinical Microbiology Laboratory <sup>3</sup>	2
<b>Credits</b>		<b>12</b>
<b>Summer Semester</b>		
<b>Prescribed Program</b>		
MLS 216	Clinical Experience I <sup>3</sup>	3
MLS 221	Hemostasis <sup>3</sup>	1
<b>Credits</b>		<b>4</b>
<b>3<sup>rd</sup> Year</b>		
<b>Fall Semester</b>		
<b>Prescribed Program</b>		
MLS 256	Clinical Experience II <sup>3</sup>	5
MLS 257	MLT Seminar <sup>3</sup>	1
<b>Prescribed Electives</b>		
BIOL 221 & 221L	Anatomy and Physiology II and Anatomy and Physiology II Lab <sup>3,4,5</sup>	0-4
<b>Credits</b>		<b>6-10</b>
<b>Total Credits</b>		<b>63-71</b>

## Digital Literacy

Select one of the following:

ENGL 110 College Composition I

NDUS Institution Approved Training Course

NDUS Institution Designated Digital Literacy Course

## Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> 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.
- <sup>4</sup> Recommended if student is considering pursuing Medical Laboratory Scientist (MLS) degree.
- <sup>5</sup> If BIOL 220/BIOL 220L are chosen, BIOL 221/BIOL 221L are required.