

## Medical Laboratory Technician (A.A.S. Degree)

### REMEDIAL SEQUENCE (if required)

<input type="checkbox"/> ESL 1 (8) ▶▶	<input type="checkbox"/> ESL 2 (6) ▶▶	<input type="checkbox"/> ESL 3 (6) ▶▶	<input type="checkbox"/> ENG 9 (4)
<hr/>			
<input type="checkbox"/> ENG 1 (4) ▶▶	<input type="checkbox"/> ENG 2 (4)		
<hr/>			
<input type="checkbox"/> RDL 1 (4) ▶▶	<input type="checkbox"/> RDL 2 (6)		
<hr/>			
<input type="checkbox"/> MTH 1 (4) ▶▶	<input type="checkbox"/> MTH 5 (6) ▶▶	<input type="checkbox"/> MTH 6 (6)	
<hr/>			
<input type="checkbox"/> CHM 2 (4)			

### GRADUATION REQUIREMENTS

<input type="checkbox"/> CAT-R	<input type="checkbox"/> CAT-W	<input type="checkbox"/> CAT-M	<input type="checkbox"/> GPA > 2.0
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<input type="checkbox"/> Writing Intensive I		<input type="checkbox"/> Writing Intensive II	

### FRESHMAN SEMINAR

<input type="checkbox"/>	FYS 11	1
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### PATHWAYS REQUIRED CORE (course list available online)

<input type="checkbox"/> A	English Composition ENG 110/111	3
<input type="checkbox"/> B	Mathematical and Quantitative Reasoning MTH 23 AND MTH 13	6
<input type="checkbox"/> C	Life and Physical Sciences BIO 11	4

### PATHWAYS FLEXIBLE CORE (course list available online)

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 OR HIS 11 <sup>3</sup>	3
<input type="checkbox"/> D	Individual and Society COMM 11	3
<input type="checkbox"/> E	Scientific World BIO 12 AND CHM 17	8
<input type="checkbox"/> A or D	World Cultures and Global Issues OR Individual and Society SOC 11 OR PSY 11	3

Pathways Total: 30

NOTE: All students wishing to enter and progress in the Medical Laboratory Technician curriculum must meet specific criteria found in BCC catalog at <http://www.bcc.cuny.edu/college-catalog/>

<sup>1</sup> CHM 2 is a pre-requisite for CHM 11 and CHM 17. You can place out of CHM 2 by taking a Chemistry Department administered Chemistry Placement Exam or by having scored 75 or higher on the NYS High School Regents Chemistry exam.

<sup>2</sup>MTH 30 may substitute for MTH 13

BIO 23/24 may substitute for BIO 11/12 if student is a transfer or switched major.

CHM 11/12 may substitute for CHM 17/18 if student is a transfer or switched major to MLT

<sup>3</sup> Students with remedial placement above ENG 1 & RDL 1 will take HIS 11.

\*All students must complete an MLT application and interview with the MLT Program Director to be considered for the MLT courses

## RECOMMENDED 2-YEAR ACADEMIC PLAN

### SEMESTER I (Pre-MLT status)

		Credits
<input type="checkbox"/> ENG 110 OR ENG 111	Fundamentals of Composition and Rhetoric OR Composition and Rhetoric I (Required Core A)	3
<input type="checkbox"/> CHM 17 <sup>1</sup>	Fundamentals of General Chemistry I (Flexible Core E)	4
<input type="checkbox"/> MTH 13 <sup>2</sup>	Trigonometry and College Algebra (Major Requirement)	3
<input type="checkbox"/> BIO 11 <sup>2</sup>	General Biology I (Required Core C)	4
<input type="checkbox"/> ART 10 or MUS 10	Art Survey OR Music Survey (Major Requirement)	1
<b>Subtotal:</b>		<b>15</b>

### SEMESTER II (MLT status only)\*

<input type="checkbox"/> MLT 81	Introduction to Medical Laboratory Technology (Major Requirement)	2
<input type="checkbox"/> CHM 18 <sup>2</sup>	Fundamentals of General Chemistry II (Major Requirement)	4
<input type="checkbox"/> MTH 23	Probability and Statistics (Required Core B)	3
<input type="checkbox"/> BIO 12 <sup>2</sup>	General Biology II (Flexible Core E)	4
<input type="checkbox"/> BIO 22	Medical Terminology (Major Requirement)	2
<input type="checkbox"/> MLT 87	Urinalysis and Body Fluids (Major Requirement)	2
<b>Subtotal:</b>		<b>17</b>

### SEMESTER III (MLT status only)

<input type="checkbox"/> MLT 82	Clinical Hematology and Coagulation (Major Requirement)	4
<input type="checkbox"/> MLT 83	Clinical Chemistry (Major Requirement)	4
<input type="checkbox"/> MLT 88	Introduction to Clinical Microbiology (Major Requirement)	4
<input type="checkbox"/> PSY 11 or SOC 11	Introduction to Psychology (Flexible Core D) OR Sociology (Flexible Core A)	3
<b>Subtotal:</b>		<b>15</b>

### SEMESTER IV (MLT status only)

<input type="checkbox"/> MLT 85	Immunology/Serology (Major Requirement)	2
<input type="checkbox"/> MLT 86	Immunohematology (Blood Banking) (Major Requirement)	3
<input type="checkbox"/> MLT 89	Diagnostic Microbiology (Major Requirement)	4
<input type="checkbox"/> HIS 10 <sup>3</sup>	Modern World History (Flexible Core A)	3
<input type="checkbox"/> COMM 11	Fundamentals of Interpersonal Communication (Flexible Core D)	3
<b>Subtotal:</b>		<b>15</b>

### SEMESTER V

<input type="checkbox"/> MLT 90	Clinical Internship (Department Approval Needed) (Major Requirement)	4
<b>Subtotal:</b>		<b>4</b>

**TOTAL: 66**