BRONX COMMUNITY COLLEGE — Degree Map

MEDICAL LAB TECHNICIAN

A.A.S. Degree*

[1] Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course/s (Sequence: ESL 01 > 02 > 03 > 09) before enrolling in ENG 110.

[2] Students not eligible for MTH 28 or higher enroll in corequisite course MTH 28.5. However, note that students with Math Proficiency Index of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start.

[3] If student is a transfer or switched major to MLT, the following substitutions are allowed: MTH 30 for MTH 28; BIO 23/24 for BIO 11/12; and CHM 11/12 for CHM 17/18.

[4] 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/. Students must complete an MLT application and interview with the MLT Program Director to be considered for the MLT courses.

[5] Students with Math Proficiency Index (MPI) of 0-59 enroll in corequisite course MTH 23.5. Students with MPI of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start.

[6] Prerequisites: BIO 11, MTH 13, CHM 17 and departmental approval; Corequisite: BIO 12 and CHM 18.

[7] Prerequisites: BIO 12, MLT 81, CHM 18 and departmental approval

[8] HIS 11 is for students who enroll in ENG 110 as a corequisite.

*Note: In order to graduate, students must meet all requirements, including, completing all required courses with appropriate grades, completing two writing intensive courses, and earning a minimum GPA of 2.0, and applying for graduation.

SEMESTER I   (Pre-MLT status)

Course	Prerequisite/Corequisite	
☐ **Required Core A:** English Composition I - ENG 100 Integrated Reading and Writing OR ENG 110 Fundamentals of Writing and Rhetoric OR ENG 111 Writing and Rhetoric [1]	See footnote[1]	3
☐ **Required Core B:** MTH 28 College Algebra and Elementary Trigonometry OR MTH 28.5 College Algebra and Elementary Trigonometry Corequisite [2]	See footnote[2]	3
☐ **Required Core C:** BIO 11 General Biology [3]	CUNY English Proficiency; or ENG 100 or 110 if required; and CUNY Math Proficiency; or MTH 23.5 or 28.5, if required	4
☐ **Flexible Core E:** CHM 17 Fundamentals of General Chemistry I [3]	Same as above and Placement exam	4
☐ ART 10 Art Survey or MUS 10 Music Survey	None	1
Subtotal:		**15**

SEMESTER II   (MLT status only) [4]

Course	Prerequisite/Corequisite	
☐ **Required Core B:** MTH 23 Probability and Statistics OR MTH 23.5 Probability and Statistics with Algebra [5]	CUNY Math Proficiency[5]	3
☐ **Flexible Core E:** BIO 12 General Biology II [3]	BIO 11	4
☐ BIO 22 Medical Terminology	CUNY English Proficiency; or ENG 100 or 110 if required	2
☐ CHM 18 Fundamentals of General Chemistry II [3]	CHM 17	4
☐ MLT 81 Introduction to Medical Laboratory Technology [6]	See footnote[6]	2
☐ MLT 87 Urinalysis and Body Fluids [6]	See footnote[6]	2
Subtotal:		**17**

SEMESTER III   (MLT status only) [4]

Course	Prerequisite/Corequisite	
☐ **Flexible Core A OR Flexible Core D:** SOC 11 Sociology OR PSY 11 Introduction to Psychology	Corequisite: ENG 110, if required	3
☐ MLT 82 Clinical Hematology and Coagulation [7]	See footnote[7]	4
☐ MLT 83 Clinical Chemistry	CHM 18, MLT 81 and MTH 13 and departmental approval	4
☐ MLT 88 Introduction to Clinical Microbiology	BIO 12 or BIO 24 and CHM 18 and departmental approval	4
Subtotal:		**14**

SEMESTER IV   (MLT status only) [4]

Course	Prerequisite/Corequisite	
☐ **Flexible Core A:** HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World [8]	See catalog	3
☐ **Flexible Core D:** COMM 11 Fundamentals of Interpersonal Communication	Corequisite: ENG 110, if required	3
☐ MLT 85 Immunology/Serology [7]	See footnote[7]	2
☐ MLT 86 Immunohematology [7]	See footnote[7]	3
☐ MLT 89 Diagnostic Microbiology	MLT 88 and departmental approval	4
Subtotal:		**15**

SEMESTER V

Course	Prerequisite/Corequisite	
☐ MLT 90 Clinical Internship (Department Approval Needed)	Completion of all MLT courses and approval by the Program Director	4
Subtotal:		**4**

TOTAL: 66