

STEVENSON

U N I V E R S I T Y

Howard Community College

Medical Laboratory Technician Transfer Plan

This transfer plan is intended for students who have completed the Associate of Applied Science in Medical Laboratory Technician at Howard Community College and who are ASCP-certified and who are interested in pursuing a Bachelor of Science in Medical Laboratory Science at Stevenson University. The equivalencies below demonstrate how a student can meet both the requirements of the associate degree and prepare for a seamless transfer to Stevenson. Please note:

- Only courses that have course equivalencies are displayed. This guide does not show all transferable courses from this college. It also does not display all Stevenson University courses that will fulfill a specific requirement.
- All MLTS courses must be passed with a “B” or better, and general education courses must be passed with a grade of D or better.
- Transfer plans are intended to be used as planning tools. If you need additional assistance in selecting courses to take prior to transferring to Stevenson University, contact Stevenson Admissions at 443-352-4450.

	Howard Community College	Stevenson University	Credits
Program Requirements	BIOL 201 Genetics and BIOL 202 Laboratory	BIO 230 Genetics	4
	BIOL 203 Anatomy and Physiology I	Substitutes for BIO 222 Human Anatomy requirement for MLS majors	4
	BIOL 204 Anatomy and Physiology II	Substitutes for BIO 322 Human Physiology requirement for MLS majors	4
	CHEM 102 General Inorganic Chemistry II Or CHEM 201 Organic Chemistry I	CHEM 116 General Chemistry II and CHEM 116 Lab OR CHEM 210 Organic Chemistry I and CHEM 210 Lab	4
	MLTS 201 Intro to the Medical Laboratory	MLS 210 Principles of Laboratory Science	3
	MLTS 202 Clinical Chemistry and MLTS 251 Chemistry Clinical Practice	MLS 325 Clinical Chemistry I	4
	MLTS 203 Clinical Hematology and MLTS 252 Hematology Clinical Practice	MLS 310 Hematology I and MLS 310 Lab	4
	MLTS 205 Clinical Microbiology I	MLS 320 Urinalysis & Body fluids and MLS 320 Lab	3
	MLTS 206 Clinical Microbiology II and MLTS 254 Microbiology Clinical Practice	MLS 330 Clinical Microbiology I	4
	MLTS 207 Clinical Molecular and Immunological Concepts	Elective Credit	3
	MLTS 208 Clinical Immunohematology and MLTS 253 Immunology/Immunohematology Clinical Practice	Elective Credit	5
GENERAL EDUCATION REQUIREMENTS			
English Composition	ENGL 121 College Composition I	ENG 151: English Composition	3
Arts and Humanities	SPCH 101, or 105, or 110	Communications Requirement	3
Biological and Physical Sciences	<ul style="list-style-type: none"> • BIOL 101 General Biology I • CHEM 101 General Inorganic Chemistry I 	<ul style="list-style-type: none"> • BIO 113 General Biology I: Cell Biology and Genetics and BIO 113 Lab (<i>Program Requirement and Lab Science Requirement</i>) 	8

	Howard Community College	Stevenson University	Credits
		<ul style="list-style-type: none"> CHEM 115 General Chemistry I and CHEM 115 Lab (<i>Program Requirement and Lab Science Requirement</i>) 	
Mathematics	MATH 138 Statistics	MATH 136 Introduction to Statistics	4
Social and Behavioral Sciences	PSYC 101 General Psychology	PSYC 101 General Psychology	3

Total credits: 63

Student transferring into the Stevenson University B.S. in Medical Laboratory Science Program with an A.A.S. in Medical Laboratory Technician and ASCP-certification will be able to waive the following required courses: BIO 203-Microbiology from their B.S. degree.

Remaining Courses to be taken at Stevenson

Students who complete the plan above (including recommended courses) and earn the AAS in Medical Laboratory Technician will take the following courses at Stevenson to meet the B.S. requirements.

General Education (21 credits)

Fine Arts Requirement 3 credits

Social Science Requirement 3 credits

Four Humanities Electives 12 credits

English 152: Writing about Literature 3 credits

Program Requirements (45 credits)

BIO 217	Principles of Biochemistry	3 credits
MLS 315	Parasitology, Mycology & Virology	2 credits
MLS 335	Clinical Laboratory Management	3 credits
MLS 338	Immunologic & Molecular Diagnostics	4 credits
MLS 405	Transfusion Medicine	4 credits
MLS 410	Hematology II	3 credits
MLS 420	Clinical Microbiology II	4 credits
MLS 425	Clinical Chemistry II	3 credits
MLS 430	Professional Research & Writing	4 credits
SCI 215	Writing in the Sciences	3 credits

Senior Capstone Experience (12 credits)

MLS 431	Clinical Chemistry Practice	3 credits
MLS 432	Clinical Hematology Practice	3 credits
MLS 433	Clinical Microbiology Practice	3 credits
MLS 434	Clinical Immunohematology Practice	3 credits

Total credits to be taken at Stevenson: 66

Suggested Course Sequence

YEAR 3				
SEMESTER	FALL		SPRING	
RECOMMENDED COURSES	MLS 315 Parasitology, Mycology & Virology	2	BIO 217 Principles of Biochemistry	3
	MLS 338 Immunologic & Molecular Diag.	4	SCI 215 Writing in the Sciences	3

	ENG 152 Writing about Literature	3	General Education Requirements	12
	General Education Requirements	6		
CREDITS	15 CREDITS		18 CREDITS	
YEAR 4				
SEMESTER	FALL		SPRING	
RECOMMENDED COURSES	MLS 405	4	MLS 430	4
	MLS 410	3	MLS 431	3
	MLS 420	4	MLS 432	3
	MLS 425	3	MLS 433	3
	MLS 335	3	MLS 434	3
CREDITS	17 CREDITS		16 CREDITS	