

STEVENSON

U N I V E R S I T Y

Community College of Baltimore County
A.A.S. Transfer Plan (Medical Laboratory Science)

AAS in Medical Laboratory Technology to the Stevenson University's BS in Medical Laboratory Science

This transfer plan is intended for students pursuing an A.A.S. in *Medical Laboratory Technology* at CCBC who are interested in pursuing a B.S. 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.

- 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.
- Program requirements must be completed with a grade of C or better, and general education courses must be passed with a grade of D or better with the exception of College Composition.
- Stevenson University will accept up to 70 credits from 2-year institutions. Up to 90 credits can be applied to degree requirements from a combination of 2-year institutions, 4-year institutions, and non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores). For additional information about credit transfer, please see <https://www.stevenson.edu/admissions-aid/getting-started/transfer-students/>
- For scholarship information please see the “Paying for College” page on: <http://www.stevenson.edu/transfer>
- 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 or admissions@stevenson.edu.

Course by Course Equivalency (SU Catalog, 2020-2021; CCBC Catalog, 2020-2021)

CCBC Course	Credits	SU Equivalency	Credits	Notes
Prerequisites *All classes must be completed with a grade of C or better, prior to admission into the program. Some prerequisite courses also fulfill general education requirements.				
BIOL 109-Human Anatomy and Physiology	4	BIO 199TR-Biology Lab Science Transfer	4	General Education Scientific Reasoning (SR) and Program Requirement <i>Satisfies BIO 222 Human Anatomy for MLS Majors</i>
BIOL 110-Biology I: Molecules and Cells	4	BIOL 113-General Biology I: Cell Biology and Genetics and BIOL 113L-General Biology I Laboratory: Cell Biology and Genetics	4	Program Requirement and General Education Scientific Reasoning Lab (SR-L)

CCBC Course	Credits	SU Equivalency	Credits	Notes
CHEM 107-Fundamentals of Chemistry	3	CHEM 198TR	3	Program Requirement <i>Satisfies</i> CHEM 115-General Chemistry I
CHEM 108-Fundamentals of Chemistry Laboratory	1	CHEM 198TR-L	1	Program Requirement <i>Satisfies</i> CHEM 115L-General Chemistry I-Laboratory
ENGL 101-College Composition I	3	ENG 151-College Writing I	3	General Education
MLTC 101-Introductory Medical Laboratory Technology	3	MLS 210-Principles of Medical Laboratory Science	3	Program Requirement
General Education Requirements				
CMNS 101-Fundamentals of Communication	3	CM 120-Human Communication	3	General Education Communication Intensive Requirement (CI) and <i>Satisfies</i> MLS 311 Comm. & Cultural Competence in Healthcare
CSIT 101-Technology and Information Systems	3	IS 201-Management Information Systems	3	General Elective
MATH 135-Applied Algebra and Trigonometry	3	MATH 191TR-Transfer College Algebra	3	<i>Satisfies</i> MATH 137 College Algebra Requirement
SOCL 141-Racial and Cultural Minorities (Fulfills diversity requirement)	3	SOC 203TR-Sociology of Minority Groups	3	General Education Social Science Requirement (SS)
Program Requirements				
BIOL 230-Microbiology *(recommended before entering Selective Admissions program)	4	BIOL 203-Microbiology	4	Program Requirement
CHEM 131, or CHEM 146 and CHEM 147 *(recommended before entering Selective Admissions program) SU Recommends: • CHEM 146 and • CHEM 147	4	• CHEM 110TR • CHEM 110L	4	Program Requirement <i>Satisfies</i> BIO 217 Principles of Biochemistry for MLS Majors
MLTC 131-Myco, Virology and Parasitology	1	<i>Satisfies</i> MLS 315-Clinical Parasitology, Mycology and Virology	1	Program Requirement
MLTC 150-Principles of Blood Banking	3	Elective	3	Elective
MLTC 151- Immunological and Molecular Diagnostics	2	MLS 299	2	Elective
MLTC 180-Principles of Hematology & Coagulation	4	<i>Satisfies</i> MLS 310-Hematology I and	4	Program Requirement

CCBC Course	Credits	SU Equivalency	Credits	Notes
and MLTC 253 Clinical Internship I – Hematology and Coagulation	2	MLS 310L-Hematology I Laboratory	2	
MLTC 200-Clinical Chemistry,	4	<i>Satisfies</i> MLS 325-Clinical Chemistry I and MLS 325L-Clinical Chemistry I Laboratory	4	Program Requirement
and MLTC 202-Urinalysis and Body Fluids,	2	<i>and</i> MLS 320-Urinalysis and Body Fluids and MLS 320L-Urinalysis and Body Fluids Laboratory	4	
and MLTC 255-Clinical Internship III-Chemistry and Urinalysis/Body Fluids	2			
MLTC 231-Clinical Microbiology	4	<i>Satisfies</i> MLS 330-Clinical and Microbiology I and MLS 330L-Clinical and Microbiology I Laboratory	4	Program Requirement
<i>and</i> MLTC 256- Clinical Internship IV Clinical Microbiology	2		2	
MLTC 250-Trends in Medical Lab Technology	1	MT 299	1	Elective
MLTC 254-Clinical Internship II Immunology and Blood Banking	2	Elective	2	Elective
Total Credits	67		67	

*Courses with a grade of C (2.0) and above will transfer to Stevenson. Courses with a grade of D (1.0) will fulfill general education requirements unless the general education requirement is also a program requirement. A grade of “C” or higher is required for CCBC courses that fulfill ENG 151 and ENG 152 at Stevenson University.

Remaining Courses

Students who complete the plan above including all recommended courses and earn the **Associate of Applied Science in Medical Laboratory Technology** will take the following courses at Stevenson University to meet their graduation requirements. Students with an A.A.S. in Medical Laboratory Technology and ASCP-certification will be able to waive the following required courses: CHEM 116-General Chemistry II and CHEM 116L-General Chemistry II Lab from their B.S. degree. Students who transfer before completing the **Associate of Applied Science in Medical Laboratory Technology** may have additional program and graduation requirements to take and fewer free electives.

Major Requirements

All transfer students will be required to take a minimum of 73 credits of coursework at Stevenson University. A minimum total of 120 credits are required for the degree.

Completion of the **Bachelor of Science in Medical Laboratory Science** requires students to successfully complete the following course work:

Stevenson Course	Credits	Explanation
ENG 152-College Writing II	3	General Education

Stevenson Course	Credits	Explanation
Humanities Courses (HIS, LIT, PHIL, REL) from 3 different disciplines	12	General Education
Social Sciences (Non-SOC course)	3	General Education
MATH 136-Introduction to Statistics	4	Program Requirement
Fine Arts	3	General Education
200-Level Writing Intensive	3	Program Requirement
BIO 230-Genetics	4	Program Requirement
BIO 322-Human Physiology	4	Program Requirement
MLS 335-Clinical Laboratory Management	3	Program Requirement
MLS 338 / L-Immunologic & Molecular Diagnostics	4	Program Requirement
MLS 405-Transfusion Medicine	4	Program Requirement
MLS 410-Hematology II	4	Program Requirement
MLS 420-Clinical Microbiology II	4	Program Requirement
MLS 425-Clinical Chemistry II	3	Program Requirement
MLS 430-Professional Research and Writing	4	Program Requirement
MLS 431-Clinical Chemistry Practice	3	Program Requirement Senior Capstone Experience
MLS 432-Clinical Hematology Practice	3	Program Requirement Senior Capstone Experience
MLS 433-Clinical Microbiology Practice	3	Program Requirement Senior Capstone Experience
MLS 434-Clinical Immunohematology Practice	3	Program Requirement Senior Capstone Experience
Total Credits	74	

Additional Credits Needed

Total credits to be taken at SU: **74**

Articulation Agreement Signed 3.11.2021