Medical Laboratory Science / BS Degree

Suggested Course Sequence

For students entering the major in catalog year 2023-24

YEAR 1				
SEMESTER	STER FALL 2023		SPRING 2024	
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1		
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	BIO 112 Foundations of General Biology I: Cell Biology and Genetics or BIO 113 General Biology I: Cell and Genetics & BIO 113L General Biology I		BIO 203 Microbiology	
	Laboratory. Scientific Reasoning - Lab (SR-L)	4	BIO 203L Microbiology Lab	4
	CHEM 114 General Chemistry I with Problem Solving or CHEM 115 General Chemistry I and CHEM 115L General Chemistry I Laboratory and		CHEM 116 General Chemistry II and	
	CHEM 1151 General Chemistry Laboratory and CHEM 115S General Chemistry I SoLVE. Scientific Reasoning - Lab (SR-L)	4	CHEM 116 General Chemistry II Laboratory and CHEM 116S General Chemistry II SoLVE	4
	MATH 136 Introduction to Statistics Quantitative Literacy (QL)	4	Social Science I** (SS)	3
CREDITS	16 C	REDITS	14 C	REDITS
YEAR 2	•			
SEMESTER	FALL 2024		SPRING 2025	
	BIO 217 Principles of Biochemistry	3	BIO 230 Genetics	4
	BIO 222 Human Anatomy	4	BIO 322 Human Physiology	4
	200-level Writing Intensive (WI)	3	MLS 210 Principles of Laboratory Science	3
	Humanities I* (HUM)	3	Humanities II* (HUM)	3
	Fine Arts (FA)	3		
CREDITS	16 C	REDITS	14 CR	EDITS
YEAR 3				
SEMESTER	FALL 2025		SPRING 2026	
	MLS 311 Communication & Cultural Competence in Health Care Communication Intensive (CI)	3	MLS 310/310L Hematology I and Lab	4
	MLS 315 Clinical Mycology, Parasitology & Virology	2	MLS 320/320L Urinalysis & Body Fluids and Lab	3
	MLS 325 Clinical Chemistry I	3	MLS 325L Clinical Chemistry I Lab	1
	MLS 338 Molecular & Immunologic Diagnostics	3	MLS 330/330L Clinical Microbiology I and Lab	4
	Humanities III* (HUM)	3	Humanities IV* (HUM)	3
	Social Science II** (SS)	3		
CREDITS	17 C	REDITS	15 CR	EDITS
YEAR 4				
SEMESTER	FALL 2026		SPRING 2027	
	MLS 335 Clinical Laboratory Management	3	MLS 430 Professional Research & Writing 300/400-level Writing Intensive (WI)	4
	MLS 405 Transfusion Medicine	4	MLS 431 Clinical Chemistry Practice	3
	MLS 410 Hematology II	3	MLS 432 Clinical Hematology Practice	3
	MLS 420 Clinical Microbiology II	4	MLS 433 Clinical Microbiology Practice	3
	MLS 425 Clinical Chemistry II	3	MLS 434 Clinical Immunohematology Practice	3
CREDITS	17 CREDITS 16 CRE		EDITS	

PROGRAM POLICIES

Specific information regarding program policies and tracks (if applicable) may be found in the Stevenson University Catalog. Please consult with your academic advisor/success coach if you need additional information.

Prerequisite and co-requisite information is listed in the course descriptions.

No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below a "C" is earned in a major course, the student must repeat that course. A course may be repeated once without special permission.

COURSE INFORMATION

FYS-100 First Year Seminar 1-credit course required for all first-year students.

INT-100 Principles of Academic Integrity O-credit Blackboard course required for all students.

GENERAL EDUCATION NOTES

Stevenson Educational Experience (SEE) courses are identified in blue.

- Specific courses that fulfill SEE requirements are listed in the SU Catalog, on the SU Now Portal, and through Student Planning.
- Students must complete all SEE and major requirements and earn a minimum of 120 credits.
- A minimum of 15 credits must be taken at the 300/400 level.
- *HUMANITIES classes must be from at least three different disciplines.
- **SOCIAL SCIENCE classes must be from two different disciplines