Medical Laboratory Science / BS Degree

Suggested Course Sequence

For students entering the major in catalog year 2022-23

YEAR 1				
SEMESTER	FALL 2022		SPRING 2023	
	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	4	DIO 202 Microbiology	4
	Laboratory. Scientific Reasoning - Lab (SR-L) CHEM 114 General Chemistry I with Problem	4	BIO 203 Microbiology	4
	Solving or CHEM 115 General Chemistry I and CHEM 115L General Chemistry I Laboratory and CHEM 115S General Chemistry I SoLVE.		CHEM 116 General Chemistry II and CHEM 116L General Chemistry II Laboratory	
	Scientific Reasoning - Lab (SR-L)	4	and CHEM 116S General Chemistry II SoLVE	4
	MATH 136 Introduction to Statistics Quantitative Literacy (QL)	4	Social Science I** (SS)	3
CREDITS	16 CREDITS 14 CR		REDITS	
YEAR 2			-	
SEMESTER	FALL 2023		SPRING 2024	
	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	Social Science II** (SS)	3
CREDITS	16 CREDITS		17 CREDITS	
YEAR 3				
SEMESTER	FALL 2024		SPRING 2025	
	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 338/338L Molecular & Immunologic Diagnostics and Lab	4	MLS 330/330L Clinical Microbiology I and Lab	4
	Humanities III* (HUM)	3	Humanities IV* (HUM)	3
CREDITS	15 CREDITS		15 CREDITS	
YEAR 4				
SEMESTER	FALL 2025		SPRING 2026	
	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 CREDITS	

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