Biology with MFS Option/ BS Degree

Suggested Course Sequence

For students entering the major in catalog year 2024-25

YEAR 1				
SEMESTER	FALL 2024	SPRING 2025		
	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 113 General Biology I: Cell and Genetics and BIO 113L General Biology I Laboratory Scientific Reasoning - Lab (SR-L)	4	BIO 114 Gen Bio II: Structure/Function and BIO 114L Gen Bio II Laboratory	4
	CHEM 115 General Chemistry I and CHEM 115L General Chemistry I Laboratory and CHEM 115S General Chemistry I SoLVE Scientific Reasoning - Lab (SR-L)	4	CHEM 116 General Chemistry II and CHEM 116L General Chemistry II Laboratory and CHEM 116S General Chemistry II SoLVE	4
	MATH 136 Introduction to Statistics^ Quantitative Literacy (QL)	4	FSCI-101 Survey of Forensic Sciences	3
REDITS	16 (CREDITS	1	4 CREDITS
YEAR 2				
SEMESTER	FALL 2025		SPRING 2026	
	BIO 115 Gen Bio III: Ecology & Evol. and		SCI 215 Writing for the Sciences	
	BIO 115 Gen Bio III Laboratory	4	200-level Writing Intensive (WI)	3
	CHEM 210 Organic Chemistry I and		CHEM 211 Organic Chemistry II (offered spring)	
	CHEM 210L Organic Chemistry I Laboratory BIO 230 Genetics	4	and CHEM 211L Organic Chemistry II Laboratory	4
	BIO 230 Genetics BIO 230L Genetics Laboratory	4	PHYS 210 General Physics I or PHYS 215 General Physics I with Calculus	4
	Communication Intensive (CI)	3	BIO 235L Diversity of Life	1
	Communication intensive (Oi)	3	BIO 218 Career Connections in Life Sciences	1
			Social Science I** (SS)	3
CREDITS	15.0	CREDITS		CREDITS
	15 (CKEDIIS	10	CKEDIIS
YEAR 3 SEMESTER	FALL 2026		CDDING 2027	
	FALL 2026 BIO 203 Microbiology		SPRING 2027 BIO 217 Principles of Biochemistry or	
	BIO 2031 Microbiology BIO 203L Microbiology Lab (Elective 1 of 6)	4	BOCH 327 Biochemistry (Elective 3 of 6)	3
	PHYS 211 General Physics II or		Humanities II* (HUM)	3
	PHYS 216 General Physics II with Calculus	4	Humanities III* (HUM)	3
	Biology Elective (2 of 6)	3-4	Biology Elective (4 of 6)	3
	Humanities I* (HUM)	3	FSCI 540 Crime Scene Photography or Elective	3
	UG General Elective, if needed	3	FSCI 615 Safety/Quality Control/Assurance	3
CREDITS	14-18 (CREDITS	18	CREDITS
YEAR 4			_	
SEMESTER	FALL 2027		SPRING 2028	
	BIO 470 Capstone Internship or		OT INZING EGEO	
	SCI 301 Internship	3	Biology Elective (6 of 6)	3
	BIO 475 Capstone Seminar		Fine Arts (FA)	2
	300/400-level Writing Intensive (WI)	3	Fine Arts (FA)	3
	Biology Elective (5 of 6)	3	Humanities IV* (HUM)	3
	UG General Elective, if needed	3	Social Science II** (SS)	3
	FSCI 640 Serology and Immunology	3	FSCI 610 Physical Evidence & Crime Scenes	3
	FSCI 675 The Crime Lab: Structure/Operation	3	FSCI 645 DNA Analysis	3
CREDITS	47.40	CREDITS	10	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. **BS to MFS:** Bachelor's degree requires successful completion of 120 credits. A minimum of 114 credits must be undergraduate (100-400) level.

Master's courses listed in green.

COURSE INFORMATION

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

INT-100 Principles of Academic Integrity 0-credit Blackboard course required for all students.

6 BIOLOGY ELECTIVE CCOURSES

Minimum 3 courses at the 300-400-level Minimum 3 lab courses

Maximum of 2 courses from BIOCHEM/ENV/MLS Maximum of 1 research course

^MATH-129 Foundational Statistics may fulfill MATH-136. Students receive credit for only one of the following Statistics courses: MATH-136, PSY-136, or MATH-129.

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
- In the Bachelor's to Master's option six of the 120 credits may be graduate level.
- 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