Biology with MFS Option/ BS Degree

Suggested Course Sequence

For students entering the major in catalog year 2021-22

YEAR 1				
SEMESTER	FALL 2021		SPRING 2022	
	INT 100 Principles of Academic Integrity	0	ENG 152 College Writing II	3
	FYS 100 First Year Seminar	1	BIO 114 Gen Bio II: structure/Function and	
	ENG 151 College Writing I	3	BIO 114L Gen Bio II Laboratory	4
	BIO 112 Principles of General Biology I or BIO 113 General Biology I: Cell and Genetics and BIO 113L General Biology I Laboratory 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
	CHEM 114 General Chemistry I with Problem Solving or CHEM 115 General Chemistry I and CHEM 115L General Chemistry I Laboratory and CHEM 115S General Chemistry I SoLVE Scientific Reasoning - Lab (SR-L) MATH 136 Introduction to Statistics	4	FSCI-101 Survey of Forensic Sciences	3
	Quantitative Literacy (QL)	4	MATH 220 Calculus I Quantitative Literacy (QL)	4
CREDITS	16.0	CREDITS	18	CREDITS
YEAR 2	10 (CKEDIIS	10	CKLDIIS
SEMESTER	FALL 2022		SPRING 2023	
3LML31LK	BIO 115 Gen Bio III: Ecology & Evol. and		SCI 215 Writing for the Sciences	
	BIO 115L Gen Bio III Laboratory	4	200-level Writing Intensive (WI)	3
	CHEM 210 Organic Chemistry I and CHEM 210L Organic Chemistry I Laboratory	4	CHEM 211 Organic Chemistry II with CHEM 211L Organic Chemistry II Laboratory	4
	BIO 230 Genetics	4	BIO 235L Biodiversity of Life	1
	Social Science I** (SS)	3	BIO 218 Career Connections in Life Sciences	1
			PHYS 210 General Physics I or PHYS 215 General Physics I with Calculus	4
			Communication Intensive (CI)	3
CREDITS	DITS 15 CREDITS		16 C	REDITS
YEAR 3				
SEMESTER	FALL 2023		SPRING 2024	
	BIO 217 Principles of Biochemistry or BOCH 327 Biochemistry (Elective 1 of 6)	3	BIO 203 Microbiology (Elective 3 of 6)	4
	Biology Elective (2 of 6)	3-4	Biology Elective (4 of 6)	3-4
	PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus	4	Humanities III* (HUM)	3
	Humanities I* (HUM)	3	FSCI 540 Crime Scene Photography or Elective	3
	Humanities II* (HUM)	3	FSCI 640 Serology and Immunology	3
CREDITS	16-17	CREDITS	16-17 C	REDITS
YEAR 4				
SEMESTER	FALL 2024		SPRING 2025	
-	BIO 470 or BIO 471 Internship	3/6	Social Science II** (SS)	3
	BIO 475 Capstone Seminar 300/400-level Writing Intensive (WI)	3	Humanities IV* (HUM)	3
	Biology Elective (5 of 6)	3	Biology Elective (6 of 6)	3-4
	, , ,	3	FSCI 610 Physical Evidence & Crime Scenes	3
	FSCI 615 Safety/Quality Control/Assurance	3	1 301 010 Filysical Evidence & Chine Scenes	
	FSCI 615 Safety/Quality Control/Assurance FSCI 675 The Crime Laboratory	3	FSCI 645 DNA Analysis	3

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.

BA Option: Students also have the option of completing a Bachelor of Arts degree in Biology. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

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.

SU0-101

Online Learning Strategies and Success O-credit Blackboard course to prepare for taking SU online classes.

6 BIOLOGY ELECTIVE CCOURSES

- At least 3 courses must be 300-400-level
- At least 3 courses must be lab courses
- Limit of 2 courses from BIOCHEM/ENV/MLS

Limit of 1 research course -362/-365 Master's courses listed in green.

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