# Biology / BS Degree to MFS - Biology Concentration

# Suggested Course Sequence

For students entering the major in catalog year 2019 -2020

YEAR 1			lents entering the major in catalog year 2	
SEMESTER	FALL	SPRING		
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1		
	ENG 151 Composition & Writing from Sources	3	ENG 152 Writing about Literature and Culture	3
	BIO 113 General Biology I: Cell and Genetics with	3	LING 132 Writing about Literature and Culture	3
	BIO 113L General Biology I Laboratory		BIO 114 Gen Bio II: structure/Function and	
	Scientific Reasoning - Lab (SR-L)	4	BIO 114L Gen Bio II Laboratory	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		CHEM 116 General Chemistry II and	
	Scientific Reasoning - Lab (SR-L)	4	CHEM 116L General Chemistry II Laboratory and CHEM 116S General Chemistry II SoLVE	4
	MATH 136 Introduction to Statistics		CHEW 1100 deneral onemistry if 302VE	+-
	Quantitative Literacy (QL)	4	MATH 220 Calculus I Quantitative Literacy (QL)	4
CREDITS		REDITS		REDITS
YEAR 2				
SEMESTER	FALL		SPRING	
	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 211 Organic Chemistry II with	
	CHEM 210L Organic Chemistry I Laboratory  BIO 230 Genetics	4	CHEM 211L Organic Chemistry II Laboratory BIO 235L Biodiversity of Life	2
	Communication Intensive (CI)	3	BIO 218 Career Connections in Life Sciences	1
	Social Science I** (SS)	3		3
	Social Science I^^ (SS)	3	FSCI-101 Survey of Forensic Sciences PHYS 210 General Physics I or	3
			PHYS 215 General Physics I with Calculus	4
CREDITS	18 CREDITS		17 CREDITS	
YEAR 3				
SEMESTER	FALL		SPRING	
	BIO 217 Principles of 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 CREDITS	
YEAR 4	1			
SEMESTER	FALL	1	SPRING	
	FSCI 400 Forensic Science Seminar 300/400-level Writing Intensive (WI)	3	Fine Arts (FA)	3
	Social Science II** (SS)	3	Humanities IV* (HUM)	3
	Biology Elective (5 of 6)	3-4	Biology Elective (6 of 6)	3-4
	FSCI 615 Safety/Quality Control/Assurance	3	FSCI 610 Physical Evidence & Crime Scenes	3
	FSCI 655 Forensic Science Practicum Rotations	3	FSCI 645 DNA Analysis	3
CREDITS	15-16 CREDITS		15-16 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.

#### **BIOLOGY ELECTIVES - Six Courses**

- At least 3 courses must be 300-400-level
- At least 3 courses must be lab courses
- Limit of 2 courses from BIOCHEM/ENV
- Limit of 1 research course -362/-365

### 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 catalog, on the SU Now portal, and through Student Planning.
- Students must complete all general education 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