Biochemistry with MFS Option/ BS Degree

Suggested Course Sequence

For students entering the major in catalog year 2025-26

YEAR 1				
SEMESTER	FALL 2025		SPRING 2026	
	INT 100 Principles of Academic Integrity	0	FSCI 101 Survey of Forensic Sciences	3
	FYS 100 First Year Seminar	1	Humanities I* (HUM)	3
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	MATH 220 Calculus I Quantitative Literacy (QL)	4		
	CHEM 115 General Chem I and CHEM 115L General Chem I Laboratory and CHEM 115S General Chem I SoLVE Scientific Reasoning – Lab (SR-L)	4	CHEM 116 General Chemistry II CHEM 116L General Chemistry II Laboratory & CHEM 116S General Chemistry II SoLVE	4
	BIO 113 Gen Biology I: Cell and Genetics and BIO 113L Gen Biology I Laboratory Scientific Reasoning – Lab (SR-L)	4	Communication Intensive (CI) Recommended: CM 101 Public Speaking	3
CREDITS	16 CI	REDITS	16	CREDI
YEAR 2				
SEMESTER	FALL 2026		SPRING 2027	
	SCI 215 Writing in the Sciences 200-Level Writing Intensive (WI) CHEM210 Organic Chemistry I and	3	PHYS 210 General Physics I or PHYS 215 General Physics I with Calculus CHEM 211 Organic Chemistry II (offered spring) and	4
	CHEM 210L Organic Chemistry I Laboratory	4	CHEM 211 Organic Chemistry II Laboratory	4
	CHEM 213 Digital Information Literacy for Chem BIO 230 Genetics	1	Fine Arts (FA)	3
	BIO 230 Genetics Lab	4	Social Science I** (SS)	3
	Humanities II* (HUM)	3	Humanities III* (HUM)	3
CREDITS	15 Cl	REDITS	17 (REDIT
YEAR 3				
SEMESTER	FALL 2027		SPRING 2028	
	BIOCH 327 Biochemistry	3	BIOCH 427 Advanced Biochemistry	3
	BIOCH 345L Integrative Lab I	2	BIO/CHEM Group I or Group II Elective^	2-4
	PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus	4	BIO/CHEM Group I or Group II Elective^	2-4
	CHEM 313 Career Connections in Chemistry Social Science II** (SS)	1	FSCI 540 Crime Scene Photography or Elective FSCI 640 Serology & Immunology (<i>Biology Concentration</i>)	3
	Recommended: PSY 101 Intro to Psychology	3	OR FSCI 620 Drug Analysis (Chemistry Concentration)	3
	UG General Elective/Minor Course	3	UG General Elective/Minor Course	3
REDITS	16 C	REDITS	18 (REDIT
YEAR 4	T-111 2000			
SEMESTER	FALL 2028	1	SPRING 2029	
	BIOCH 475 Capstone Seminar 300/400-Level Writing Intensive (WI) BIOCH 470 Capstone Internship or	3	BIO/CHEM Group I or Group II Elective^	2-4
	SCI-301 Internship	3	BIO/CHEM Group I or Group II Elective^	2-4
	BIO/CHEM Group I or Group II Elective^	2-4	Humanities IV* (HUM)	3
	FSCI 610 Physical Evidence & Crime Scenes	3	FSCI 675 The Crime Laboratory	3
	FSCI 645 DNA Analysis (Biology Concentration) OR FSCI 617 Trace Evidence (Chemistry Concentration)	3	FSCI 615 Safety/Quality Control/Assurance	3
		3	FSCI 615 Safety/Quality Control/Assurance UG General Elective/Minor Course	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.

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.

SUO-101 Online Learning Strategies and Success O-credit Blackboard course to prepare for taking SU online classes.

^Choose two Group I Electives BIO 310, BIO 330, CHEM 310 and CHEM 430

^Choose three Group II Electives (at least one must be at the 300 level or higher) BIO 203/203L, 280, 313, 322/322L, 332, 335, 362, 365, BIOCH 201, 365, BME 314/MATH 314, CHEM 206, 221, 346L, 365, and 435.

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