Biochemistry / BS Degree to Master of Forensic Science – Chemistry Concentration

Suggested Course Sequence

For students entering the major in catalog year 2020-21

YEAR 1				
SEMESTER	FALL		SPRING	
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1	ENG 152 College Writing II	3
	ENG 151 College Writing I	3	Humanities I* (HUM)	3
	MATH 220 Calculus I Quantitative Literacy (QL)	4	MATH 136 Introduction to Statistics	4
	CHEM 114 General Chem I with Problem Solving or 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 112 Foundations of Gen Biology I: Cell Biology and Genetics or BIO 113 Gen Biology I: Cell and Genetics with BIO 113L Gen Biology I Laboratory Scientific Reasoning – Lab (SR-L)	4	FSCI 101 Survey of Forensic Sciences	3
CREDITS		REDITS		REDITS
YEAR 2	10 Ci	KLDIIS	17 C	KLDIIS
SEMESTER	FALL		SPRING	
SLMLSTER	SCI 215 Writing in the Sciences		PHYS 210 General Physics I or	
	200-Level Writing Intensive (WI)	3	PHYS 215 General Physics I with Calculus	4
	CHEM210 Organic Chemistry I and CHEM 210L Organic Chemistry I Laboratory	4	CHEM 211 Organic Chemistry II and CHEM 211L Organic Chemistry II Laboratory	4
	CHEM 213 Digital Information Literacy for Chem	1	Fine Arts (FA)	3
	BIO 230 Genetics	4	Humanities II* (HUM)	3
	Communication Intensive (CI)		Social Science I** (SS)	
	Recommended: CM 101 Public Speaking	3	Recommended: PSY 101 Intro to Psychology	3
CREDITS	15 CI	REDITS	17 CR	EDITS
YEAR 3				
SEMESTER	FALL		SPRING	
	BIOCH 327 Biochemistry	3	BIOCH 427 Advanced Biochemistry	3
	BIOCH 345L Integrative Lab I	2	BIO/CHEM Group II Elective ¹	3
	PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus	4	CHEM 430 Physical Chemistry – Group I Elective	3
	CHEM 313 Career Connections in Chemistry	1	Humanities IV* (HUM)	3
	Social Science II** (SS)	3	FSCI 540 Crime Scene Photography or Elective	3
	Humanities III* (HUM)	3	FSCI 620 Drug Analysis	3
CREDITS	16 CREDITS		18 CREDITS	
YEAR 4				
SEMESTER	FALL		SPRING	
	BIOCH 475 Capstone Seminar 300/400-Level Writing Intensive (WI)	3	CHEM 435 Special Topics in Chemistry: Instrumental Analysis – Group II Elective	3
	BIOCH 470 or 471 Capstone Internship ²	3/6	BIO/CHEM Group II Elective ¹ or General Elective ²	3
	CHEM 310 Analytical Chemistry - Group I Elective	3	FSCI 610 Physical Evidence & Crime Scenes	3
	FSCI 675 The Crime Laboratory	3	FSCI 617 Trace Evidence	3
	FSCI 615 Safety/Quality Control/Assurance	3	General Elective	3
	General Elective, if needed	3		
CREDITS	18 CREDITS		15 CR	EDITO

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

- ¹ Choose three Group II Electives BIO 203, 280, 313, 322, 332, 335, 362, 365, BIOCH 362, 365, and CHEM 206, 221, 346L, 362, 365, 431, 432, 435
- ² Students choosing the 6 credit internship (BIOCH 471) take one less Group II Elective.

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