## Suggested Course Sequence

For students entering the major in catalog year 2022-23

SEMESTER	FALL 2022		SPRING 2023	
	INT 100 Principles of Academic Integrity	0	MATH 221 Calculus II, if chosen as a Chemistry	
	FYS 100 First Year Seminar	1	Elective <sup>1</sup> or Social Science II** (SS)	3-4
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	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		CHEM 116 General Chemistry II CHEM 116L General Chemistry II Laboratory & CHEM 116S General Chemistry II SoLVE FSCI 101 Survey of Forensic Sciences <sup>2</sup> or	4
	Scientific Reasoning – Lab (SR-L)	4	Communication Intensive (CI)	3
	MATH 220 Calculus I Quantitative Literacy (QL)	4	Humanities I* (HUM)	3
	Social Science I** (SS)	3		
CREDITS	15 CF	REDITS	16-17 C	REDI
YEAR 2				
SEMESTER	FALL 2023		SPRING 2024	
SEMESTER	CHEM 210 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. SCI 215 Writing in the Sciences	1	PHYS 210 General Physics I or PHYS 215 General Physics I with Calculus	4
	200-Level Writing Intensive (WI)	3	Humanities II* (HUM)	3
	General Elective/Minor Course	3	General Elective/Minor Course	3
	General Elective/Minor Course	3	General Elective/Minor Course	3
	Social Science II** (SS) or General Elective	3	,	
CREDITS		REDITS	17 CR	FDIT
				EDIT
YFAR 3				
YEAR 3	FALL 2024		SPRING 2025	
YEAR 3 SEMESTER	FALL 2024 CHEM 313 Career Connections in Chemistry	1	SPRING 2025 CHEM 430, Physical Chemistry	3
	CHEM 313 Career Connections in Chemistry	1	SPRING 2025 CHEM 430 Physical Chemistry	3
		1 4		3
	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or		CHEM 430 Physical Chemistry	
	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus	4	CHEM 430 Physical Chemistry CHEM Elective (3 of 6)	3
	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6)	4 2-3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6)	3
	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6)	4 2-3 3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective	3 3 3
SEMESTER	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course	4 2-3 3 3 3 3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course	3 3 3 3
SEMESTER	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course	4 2-3 3 3 3 3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective	3 3 3 3
SEMESTER CREDITS YEAR 4	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course 16 - 17 CF	4 2-3 3 3 3 3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course 15 CR	3 3 3 3
SEMESTER	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course 16 - 17 CF FALL 2025 CHEM 475 Capstone Seminar	4 2-3 3 3 3 3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course	3 3 3 3
SEMESTER CREDITS YEAR 4	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course 16 - 17 CF FALL 2025	4 2-3 3 3 3 3 <b>EDITS</b>	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course 15 CR SPRING 2026	3 3 3 3 EDIT
SEMESTER CREDITS YEAR 4	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course <b>FALL 2025</b> CHEM 475 Capstone Seminar 300/400-Level Writing Intensive (WI) CHEM 470 or 471 Capstone Internship	4 2-3 3 3 3 <b>3</b> <b>EDITS</b>	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course 15 CR SPRING 2026 CHEM Elective (5 of 6) CHEM Elective (6 of 6), or General Elective	3 3 3 3 EDITT
SEMESTER CREDITS YEAR 4	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course 16 - 17 CF FALL 2025 CHEM 475 Capstone Seminar 300/400-Level Writing Intensive (WI)	4 2-3 3 3 3 <b>3</b> <b>EDITS</b> 3 3/6	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course 15 CR SPRING 2026 CHEM Elective (5 of 6)	3 3 3 3 EDIT 3 3 3 3
SEMESTER CREDITS YEAR 4	CHEM 313 Career Connections in Chemistry PHYS 211 General Physics II or PHYS 216 General Physics II with Calculus CHEM Elective (1 of 6) CHEM Elective (2 of 6) General Elective/Minor Course General Elective/Minor Course 16 - 17 CF FALL 2025 CHEM 475 Capstone Seminar 300/400-Level Writing Intensive (WI) CHEM 470 or 471 Capstone Internship Fine Arts (FA)	4 2-3 3 3 3 <b>EDITS</b> 3 3/6 3	CHEM 430 Physical Chemistry CHEM Elective (3 of 6) CHEM Elective (4 of 6) Communication Intensive (CI) or General Elective General Elective/Minor Course <b>15 CR</b> <b>SPRING 2026</b> CHEM Elective (5 of 6) CHEM Elective (6 of 6), or General Elective Humanities IV* (HUM) SEE MATH or Science (QL, SR, or SR-L),	3 3 3 3 <b>EDIT</b> 3 3 3 3 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/student 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.

<sup>2</sup> FSCI-101 should be taken by students interested in a career in forensic science.

## **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.

CHEMISTRY ELECTIVES Choose six One must be BIOCH 345L or CHEM 346L Four must be upper level (300-400) Maximum of two research courses

<sup>1</sup> Choose from: CHEM 203, CHEM 206, CHEM 221, CHEM 310, CHEM 346L, CHEM 365, CHEM 435, BIOCH 327, BIOCH 345L, BIOCH 365, BIOCH 427, MATH 221, MATH 314, MATH 321, MATH 425, SCI 201.

## **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