

STEVENSON

U N I V E R S I T Y

Carroll Community College A.S. Transfer Plan

A.S. in Physical Science with Chemistry Concentration to B.S. in Chemistry

This transfer plan is intended for students pursuing an **A.S.** in Physical Science with Chemistry Concentration at [Carroll Community College](#) who are interested in pursuing a B.S. in Chemistry at Stevenson University. The equivalencies below demonstrate how a student can meet both the requirements of the associate degree and prepare for a seamless transfer to Stevenson. Any student who enters Stevenson with an A.A. or A.S. degree will have completed all general education requirements with the exception of composition II if not taken at the community college. Please note:

- Only courses that have course equivalencies are displayed. This guide does not show all transferable courses from this college. It also does not display all Stevenson University courses that will fulfill a specific requirement.
- Program requirements must be completed with a grade of C or better, and general education courses must be passed with a grade of D or better with the exception of College Composition.
- Stevenson University will accept up to 70 credits from 2-year institutions. Up to 90 credits can be applied to degree requirements from a combination of 2-year institutions, 4-year institutions, and non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores). For additional information about credit transfer, please see: <http://www.stevenson.edu/admissions-aid/getting-started/transfer-students/transfer-credit-evaluation/>
- For scholarship information please see the “Paying for College” page on: <http://www.stevenson.edu/transfer>
- Transfer plans are intended to be used as planning tools. If you need additional assistance in selecting courses to take prior to transferring to Stevenson University, contact Stevenson Admissions at 443-352-4450.

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
BIOL-101 Fundamentals of Biology 1	BIO-113 General Biology I: Cell Biology & Genetics and BIO 113L	General Elective	4
PHYS-111 Physics 1 for Scientists and Engineers	PHYS 215 General Physics I with Calculus and PHYS 215 L	Program Requirement	4
PHYS-212 Physics 2 for Scientists and Engineers	PHYS 216 General Physics II with Calculus and PHYS 216 L	Program Requirement	4
MATH-136 Calculus of a Single Variable 2	MATH 221 Calculus II	Program Elective	4
CHEM-201 Organic Chemistry 1	CHEM-210 Organic Chemistry I and CHEM 210 L	Program Requirement	5
CHEM-202 Organic Chemistry 2	CHEM 211 Organic Chemistry II and CHEM 211 Lab	Program Requirement	5
Elective		Program Requirement	4
ENGL 101 College Writing	ENG 151 College Writing I	General Education	3

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
ENGL 102 Writing About Literature	ENG 152 College Writing II	General Education	3
Arts & Humanities: General Education Fine and Performing Arts or Humanities Course SU recommends COMM 105	Fine Art or Humanities CM 101 Public Speaking	General Education – Fine Art or Humanities Communication Intensive SEE Requirement	6
Biological and Physical Sciences: CHEM 105 Principles of General Chemistry I CHEM 106 Principles of General Chemistry II	CHEM 115/L General Chemistry I with Lab CHEM 116/L General Chemistry II with Lab	General Education – Scientific Reasoning Lab	8
Mathematics: MATH 135: Calculus of a Single Variable 1	MATH 220 Calculus I	General Education – Quantitative Literacy Requirement	4
Social and Behavioral Sciences: <i>SU recommends 6 credits from two different disciplines</i>	Social Sciences	General Education – Social Science SEE Requirement	6
Total	60 Credits Please note: A minimum of 60 credits are needed for the associate degree		

Remaining Courses to be taken at Stevenson

Students who complete the plan above including all recommended courses and earn the A.S. in Physical Sciences, Chemistry Concentration will take the following courses at Stevenson to meet the B.S.in Chemistry requirements. Students who transfer before completing the associate degree may have more general education and program requirements to take and fewer free electives.

General Education Requirements (0 credits)

Major Requirements (36 credits)

CHEM 213	Digital Information Literacy for Chemistry	1 credit
CHEM 313	Career Connections in Chemistry	1 credit
CHEM 430	Physical Chemistry	3 credits
CHEM 470	Capstone Internship	3 credits
	Or	
CHEM 471	Capstone Internship	6 credits
CHEM 475	Capstone Seminar	3 credits
SCI 215	Writing in the Sciences	3 credits
Five Chemistry Electives		15 credits

Additional Credits Needed: 24 credits of general electives

Total credits to be taken at SU: 60

Suggested Course Sequence

YEAR 3				
SEMESTER	FALL		SPRING	
RECOMMENDED COURSES	SCI 215 Writing in the Sciences			
	200 Level Writing Intensive (WI)	3	CHEM Elective	3
	CHEM Elective	3	General Elective	1
	CHEM 213 Digital Information Literacy for Chem	1	CHEM 430 Physical Chemistry	3
	CHEM Elective	3	General Elective	3
	General Elective	3	General Elective	3
	CHEM 313 Career Connections in Chemistry	1	General Elective	3
CREDITS	14 CREDITS		16 CREDITS	
YEAR 4				
SEMESTER	FALL		SPRING	
RECOMMENDED COURSES	General Elective	3	CHEM Elective	3
	CHEM 470 or 471 Capstone Internship	3/6	General Elective	3
	CHEM 475 Capstone Seminar			
	300/400 Level Writing Intensive	3	General Elective	3
	CHEM Elective	3	General Elective	3
	General Elective, if needed	3	General Elective	3
CREDITS	15 CREDITS		15 CREDITS	

Signed 7/13/2022