

# STEVENSON

U N I V E R S I T Y

## College of Southern Maryland A.A. or A.S. Transfer Plan

### A.S. Mathematics and Sciences, Chemistry Concentration to B.S. in Chemistry

This transfer plan is intended for students pursuing an A.S. in Mathematics and Sciences, Chemistry Concentration at College of Southern Maryland 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, which must be passed with a “C-” — 70 or higher.
- 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
CHE-1200/L: General Chemistry I and Lab	CHEM 115/L: General Chemistry I and lab	Program Requirement	4
MTH-1200: Calculus I and Analytic Geometry	MATH 220: Calculus I	Program Requirement	4
CHE-1210/L: General Chemistry II and Lab	CHEM 116/L: General Chemistry II with lab	Program Requirement	4
MTH-1210: Calculus II	MATH 221: Calculus II	Program Requirement	4
BIO-1060/L: Principles of Biology I and Lab	BIO 113/L: General Biology I	General Elective	4
CHE-2200/L: Organic Chemistry I and Lab	CHEM 210/L: Organic Chemistry I with lab	Program Requirement	4
PHY-1310: Calculus-Based Physics I	PHYS 215: General Physics I with Calculus	Program Requirement	4
CHE-2210/L: Organic Chemistry II and Lab	CHEM 211/L: Organic Chemistry II with lab	Program Requirement	4
MTH-1015: Introduction to Statistics	MATH 136TR Introduction to Statistics	General Elective	3

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
PHY-2300: Calculus-Based Physics II	PHYS 216: General Physics II with Calculus	Program Requirement	4
ENG-1010: Composition and Rhetoric	ENG 151: College Writing I	Composition General Education Requirement	3
FYS-1010: First Year Seminar	GEN 199: General Elective	Elective	3
ENG-1020: Composition and Literature	ENG 152: College Writing II	Literature General Education Requirement	3
Arts/Humanities	Variable	Arts/Humanities General Education Requirement	3
Social/Behavioral Sciences with Cultural and Global Awareness	Variable	Social Science General Education Requirement	3
Arts/Humanities with Cultural and Global Awareness	Variable	Arts/Humanities General Education Requirement	3
Social/Behavioral Sciences	Variable	Social Science General Education Requirement	3
<b>Total</b>	<b>60 Credits</b> <b>Please note: A minimum of 60 credits are needed for the associate degree</b>		

### Remaining Courses to be taken at Stevenson

Students who complete the plan above including all recommended courses and earn the BS in Chemistry will take the following courses at Stevenson to meet the BS 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 ( 29 credits)

CHEM 213 Digital information Literacy for Chemistry, 1 credit

CHEM 313 Career Connections in Chemistry, 1 credit

CHEM 430 Physical Chemistry, 3 credits

5 CHEM or BIOCH electives, 15 credits

CHEM 470 Capstone Internship, 3 credits

CHEM 475 Capstone Seminar, 3 credits

SCI 215 Writing in the Sciences, 3 credits

Additional Credits Needed: 31 credits of general electives

Total credits to be taken at SU: 60

### Suggested Course Sequence

<b>YEAR 3</b>				
<b>SEMESTER</b>	<b>FALL</b>		<b>SPRING</b>	
<b>RECOMMENDED COURSES</b>	CHEM 213 Digital info Literacy for Chem	1	Chemistry Elective*	3
	Chemistry Elective*	3	Chemistry Elective*	3
	Chemistry Elective*	2	General Elective	3
	CHEM 313 Career Connections in Chemistry	1	SCI 215 Writing in the Sciences	3
	General Elective	3	General Elective	3
	General Elective	3		
	General Elective	3		
<b>CREDITS</b>	<b>16 CREDITS</b>		<b>15 CREDITS</b>	
<b>YEAR 4</b>				
<b>SEMESTER</b>	<b>FALL</b>		<b>SPRING</b>	
<b>RECOMMENDED COURSES</b>	CHEM 470 Capstone Internship	3	CHEM 475 Capstone Seminar	3
	Chemistry Elective*	3	CHEM 430 Physical Chemistry	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	2
<b>CREDITS</b>	<b>15 CREDITS</b>		<b>14 CREDITS</b>	

\* Choose five electives from the list below (at least one must be either BIOCH 345L or CHEM 346L, and at least four must be 300-400 level): Choose from: BIOCH 327 Biochemistry, BIOCH 345L Integrative Lab, BIOCH 365 Independent Research in Biochemistry, BIOCH 427 Advanced Biochemistry, CHEM 203 Environmental Chemistry, CHEM 206 Herbal Medicines and Remedies, CHEM 221 Inorganic Chemistry, CHEM 310 Analytical Chemistry, CHEM 346L Integrative Lab II, CHEM 365 Independent Research in Chemistry, CHEM 435 Special Topics in Chemistry, MATH 314 Biostatistics, MATH 321 Differential Equations, MATH 425 Scientific Computer Programming, SCI 201 Medical Terminology.

Signed 10/31/2022