

# STEVENSON

U N I V E R S I T Y

Community College of Baltimore County  
A.S. in Biology, Science Concentration, to B.S. in Biochemistry

This transfer plan is intended for students pursuing an A.S. in Biology, Science Concentration at Community College of Baltimore County who are interested in pursuing a B.S. in Biochemistry 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.
- 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.

CCBC Requirements	Stevenson Equivalency	Category	Credits Transferred
ENGL 101 English Composition	ENG 151- General Education		3
CSIT 101 Technology and Information Systems	General Elective		3
CMNS 101 Fund. of Communication	Communications Elective		3
Arts and Humanities Gen Ed	Art or Humanities General Education Requirement		3
Social & Behavioral Sciences Gen Ed	Social Science General Education Requirement		3
Social & Behavioral Sciences Gen Ed	Social Science General Education Requirement		3
BIOL 110 Biology I: Molecular and Cells	BIO 113/113L	Program Requirement	4
BIOL 111 Biology II: Organisms and Ecology	BIO 114/114L	Elective	4
BIOL 251 Genetics	BIO 230	Program Requirement	4
CHEM 131 General Chemistry I	CHEM 115/115L	Program Requirement	4
CHEM 133 General Chemistry II	CHEM 116/116L	Program Requirement	4
CHEM 200/201 Organic Chemistry I with Lab	CHEM 210/210L	Program Requirement	4
CHEM 202/203 Organic Chemistry II with Lab	CHEM 211/211L	Program Requirement	4

CCBC Requirements	Stevenson Equivalency	Category	Credits Transferred
MATH 251 Calculus I	Math 220	Program Requirement	4
MATH 153 Introduction to Statistical Methods	MATH 136	Elective	4
Elective: ENGL 102	ENG 152	General Education	3
Elective: BIOL 230 Microbiology	BIO 203	Program Elective	4
Total	<b>60 Credits (Generally this should add up to 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 **Biology, Science Area of Concentration A.S.** will take the following courses at Stevenson to meet the B.S. 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 ( 39 credits)

CHEM 213 Digital Information Literacy, 1 credit  
CHEM 313 Career Connections, 1 credit  
BIOCH 327 Biochemistry, 3 credits  
BIOCH 345L Integrative Lab I, 2 credits  
BIOCH 427 Advanced Biochemistry, 3 credits  
PHYS 210 General Physics I, 4 credits  
PHYS 211 General Physics II, 4 credits  
SCI 215 Writing in the Sciences, 3 credits  
Senior Capstone, 9 credits  
2 BIOCH Group I Electives, 6 credits  
1 BIOCH Group II Elective, 3 credits

Additional Credits Needed: 21 credits of general electives if needed to reach 120

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>	BIOCH 327 Biochemistry	3	CHEM 313 Career Connections in Chemistry	1
	BIOCH 345L Integrative Lab I	2	BIOCH 427 Advanced Biochemistry	3
	CHEM 213 Digital Information Literacy	1	PHYS 210 General Physics I	4
	SCI 215 Writing in the Sciences	3	General Elective	3
	General Elective	3	General Elective	3
	General Elective	3		
<b>CREDITS</b>	<b>15 CREDITS</b>		<b>14 CREDITS</b>	
<b>YEAR 4</b>				
<b>SEMESTER</b>	<b>FALL</b>		<b>SPRING</b>	
<b>RECOMMENDED COURSES</b>	Senior Capstone	9	BIOCH Elective*	3
	PHYS 211 General Physics II	4	BIOCH Elective*	3
	BIOCH Elective*	3	General Elective	3
			General Elective	3
			General Elective	3
<b>CREDITS</b>	<b>16 CREDITS</b>		<b>15 CREDITS</b>	

\*Choose two Group I Electives: BIO 310 Cell Biology, BIO 330 Molecular Genetics, CHEM 310 Analytical Chemistry, CHEM 430 Physical Chemistry and one Group II Electives, Choose 1: BIO 313 Virology, BIO 322 Physiology, BIOCH 365 Independent Research, CHEM 435 Special Topics in Chemistry