

STEVENSON

U N I V E R S I T Y

Community College of Baltimore County A.S. Transfer Plan (Biochemistry)

Associate of Science in Science, Biology Area of Concentration (AOC) to the Bachelor of Science in Biochemistry

This transfer plan is intended for students pursuing an **Associate of Science in Science, Biology Area of Concentration (AOC) at CCBC** who are interested in pursuing a **Bachelor of Science 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 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 or admissions@stevenson.edu.

Course by Course Equivalency (SU Catalog, 2020-2021; CCBC Catalog, 2020-2021)

CCBC Course	Credits	SU Equivalency	Credits	Notes
General Education Requirements				
BIOL 110-Biology I: Molecules and Cells	4	BIOL 113-BIO113 (General Bio I: Cell & Genetics) and BIO113L	4	Program Requirement and General Education Science Lab Requirement (SR-L)
BIOL 111-Biology II: Evolution and Ecology	4	BIO 115/115L General Biology I: Ecology and Evolution and BIO 115L lab	4	General Elective
CMNS 101-Fundamentals of Communication	3	CM 120-Human Communication	3	General Education CI Requirement
CSIT 101-Technology and Information Systems	3	GENEL-199	3	General Elective

CCBC Course	Credits	SU Equivalency	Credits	Notes
ENGL 101-College Composition I	3	ENG 151-College Writing I	3	General Education Requirement
MATH 251-Calculus I	4	MATH 220-Calculus I	4	Program Requirement
General Education Electives				
Arts and Humanities	3	Depends on course	3	General Education Requirement
Choose two courses from Social and Behavioral Sciences General Education	6	Depends on course	6	General Education Social Sciences Requirement
Program Requirements				
BIOL 251-Genetics	4	BIOL 230-Genetics	4	Program Requirement
CHEM 131-General Chemistry I	4	CHEM 115/115L-General Chemistry	4	Program Requirement
CHEM 133-General Chemistry II	4	CHEM 116/116L-General Chemistry	4	Program Requirement
Program Electives Select credits from the following list of electives to attain 60 credits for the degree. A student's selection of General Education electives will determine the total elective credits required to reach 60 credits.				
SU Recommends: CHEM 200-Organic Chemistry I and CHEM 201-Organic Chemistry I Laboratory	4	CHEM 210-Organic Chemistry I and CHEM 210L-Organic Chemistry I Lab	4	Program Requirement
SU Recommends: CHEM 202-Organic Chemistry II and CHEM 203-Organic Chemistry II Laboratory	4	CHEM 211-Organic Chemistry II and CHEM 211L-Organic Chemistry II Lab	4	Program Requirement
SU Recommends: BIOL 230- Microbiology	4	BIO 203-Microbiology	4	Program Elective
SU Recommends: ENGL 102-College Composition II	3	ENG 152-College Writing II	3	General Education Requirement
Additional Credits needed to get to 60.	3	Depends upon course.	3	
Total Credits	60		60	

*Courses with a grade of C (2.0) and above will transfer to Stevenson. Courses with a grade of D (1.0) will fulfill general education requirements unless the general education requirement is also a program requirement. A grade of “C” or higher is required for CCBC courses that fulfill ENG 151 and ENG 152 at Stevenson University.

Remaining Courses

Students who complete the plan above including all recommended courses and earn the **A.S. in Science (AOC) Biology** will take the following courses at Stevenson University to meet their graduation requirements. Students who transfer before completing the **Associate of Science in Science, Biology Area of Concentration** may have additional program and graduation requirements to take and fewer free electives.

Major Requirements

All transfer students will be required to take a minimum of 60 credits of coursework at Stevenson University. A minimum total of 120 credits are required for the degree.

Completion of the **Bachelor of Science in Biochemistry** requires students to successfully complete the following course work:

Stevenson Course	Credits	Explanation
BIOCH 327-Biochemistry	3	Program Requirement
BIOCH 345L-Integrative Lab I	2	Program Requirement
BIOCH 427-Advanced Biochemistry	3	Program Requirement
BIOCH 471-Capstone Internship	6	Program Requirement
BIOCH 475-Capstone Seminar	3	Program Requirement
2 BIOCH Group I Electives	6	Program Elective
1 BIOCH Group II Elective	3	Program Elective
CHEM 213-Digital Literacy Information	1	Program Requirement
CHEM 313-Career Connections in Chemistry	1	Program Requirement
PHYS 210-General Physics I	4	Program Requirement
PHYS 211-General Physics II	4	Program Requirement
SCI 215-Writing in the Sciences	3	Program Requirement
Additional credits as needed to meet the 120 credit minimum for the B.S. degree		
TOTAL	39	

Additional Credits Needed: 21 credits to get to 120.

Total credits to be taken at SU: **60**