

**ACADEMIC PROGRAM ARTICULATION AGREEMENT BETWEEN
COMMUNITY COLLEGE OF BALTIMORE COUNTY AND
STEVENSON UNIVERSITY REGARDING TRANSFER FROM THE ASSOCIATE OF
SCIENCE IN SCIENCE, AREA OF CONCENTRATION IN MATHEMATICS TO
BACHELORS OF SCIENCE IN APPLIED MATHEMATICS**

This Academic Program Articulation Agreement (“Agreement”) is entered into by and between **Community College of Baltimore County** (the “Sending Institution”) and **Stevenson University** the “Receiving Institution”) (collectively, the “Institutions”) to facilitate the transfer of academic credits from **A.S. in Science, AOC Mathematics** for the completion of the **B.S. in Applied Mathematics** (the “Program(s)”).

A. Qualifying Students

This Agreement pertains to the transfer of “Qualifying Students”, *i.e.*, those students who:

1. Have successfully completed the program at the Sending Institution;
2. Are enrolled in the Sending Institution, in good standing; and
3. Are accepted for admission to the Receiving Institution

B. Responsibilities of the Institutions

The Institutions agree to implement the transfer of Qualifying Students in accordance with applicable law and the following requirements and protocols:

1. A Qualifying Student may transfer into from the Transferring Institution into the Receiving Institution for the completion of the Program.
2. Courses that the Receiving School will accept credits for towards completion of the Program include:

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
ENGL 101 English Composition	ENG 151	General Education	3
CSIT 111 Logic and OO Design	Humanities	General Education Requirement	3
CMNS 101 Fund. of Communication	Communications Elective	General Education	3
PHYS 151 General Physics I	PHYS 215- Science Reasoning	General Education	4
PHYS 251 General Physics II	PHYS 216- Science Reasoning	General Education Requirement	4
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

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
Communications Gen Ed	Communication	General Education Requirement	3
CSIT 210 Introduction to Programming	General Elective	General Education	4
MATH 243 Discrete Mathematics	MATH 230	Program Elective	4
MATH 251 Calculus I	MATH 220	Program Requirement	4
MATH 252 Calculus II	MATH 221	Program Requirement	4
MATH 253 Calculus III	MATH 222	Program Requirement	4
MATH 257 Linear Algebra	MATH elective	Program Requirement	4
MATH 259 Elementary Differential Equations	MATH elective, *Fulfills MATH 321	Program Requirement	3
Elective: ENGL 102	ENG 152	General Education	3
Elective: <u>For Actuarial and Business Track</u> , choose ECON 201. <u>For Interdisciplinary Track</u> , choose any course. <u>For Science Track</u> , choose one science course: BIOL 110 or CHEM 131	EC 201	Track requirement for Actuarial and Business Track	3
Elective: <u>For Actuarial and Business Track</u> , choose ECON 201. <u>For Interdisciplinary Track</u> , choose any course. <u>For Science Track</u> , choose one science course: BIOL 110 or CHEM 131	Science Requirement	Track Requirement for Scientific Track	4
Total credits taken: <i>Please note: A minimum of 60 credits are needed for the associate's degree</i>	60 Credits	Total credits transferred:	60 Credits

* Lower level version of upper level course at receiving institution.

Remaining Courses to be taken at Stevenson

Students who complete the plan above including all recommended courses and earn the A.S. in Mathematics Science Concentration 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 for All Tracks (24 credits)

MATH 312 Mathematical Statistics I 3 credits
MATH 313 Mathematical Statistics II 3 credits
MATH 326 Linear Algebra 3 credits
MATH 418 Mathematical Modeling 3 credits
MATH 425 Scientific Computer Programming 3 credits
Senior Capstone 9 credits

Track Requirements:

Actuarial Track Requirements (18 credits)

ACC 140 Financial Accounting 3 credits
ACC 141 Managerial Accounting 3 credits
EC 202 Principles of Microeconomics 3 credits
FIN 300 Principles of Finance 3 credits
MATH 342 Time Series Analysis 3 credits
MATH 420 Actuarial Mathematics 3 credits
Additional Credits Needed: 18 credits of general electives if needed to reach 120

Business Track Requirements (15 credits)

MGT 204 or MKT 206 or ACC 140 3 credits
2 Business Electives 6 credits
Math 442 Numerical Analysis 3 credits
One MATH Elective 3 credits
Additional Credits Needed: 21 credits of general electives if needed to reach 120

Interdisciplinary Track Requirements (9 credits)

MATH 301 Mathematical Structures 3 credits
MATH 442 Numerical Analysis 3 credits
One MATH Elective 3 credits
Additional Credits Needed: 27 credits of general electives if needed to reach 120

Scientific Track Requirements (7 credits)

CHEM 115 with lab or BIO 114 with lab 4 credits
MATH 442 Numerical Analysis 3 credits
Additional Credits Needed: 29 credits of general electives if needed to reach 120
Total credits to be taken at SU: 60

3. Additional Provisions

- Courses that fulfill program requirements are only eligible for transfer if students have earned a grade of “C” or better. Courses used to fulfill only general education requirements are eligible for transfer if students have earned a grade of “D” or better.
- Students must have a 2.5 cumulative grade point average at time of application.
- Stevenson participates in general education block transfer. Students entering Stevenson with an A.A., A.S., or A.A.T. degree from a Maryland community college will have met all of Stevenson’s general education requirements, with the exception of a second composition course if not already taken. The equivalencies above detail the coursework students would take under the block transfer program. Not all programs are eligible for block transfer.
- 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 non-direct classroom instruction, an appropriate score is determined by Stevenson University, and student must submit original test scores/results to Stevenson University. Tech Prep credits will not transfer. Credit awarded for prior learning (“life experience”) is not recognized by, and is not transferable to, Stevenson University.
- Students intending to transfer should complete the admission application for Stevenson University once they complete 45 credits of the Associate Degree program. Students should contact the Financial Aid Office at Stevenson University as soon as possible in regard to college deadlines for financial aid. Students who have completed an associate degree at a Maryland community college are guaranteed admissions to Stevenson.

4. Oversight of Agreement

The Receiving Institution shall designate, and shall provide to the Sending Institution, the contact information for a staff person at the Receiving Institution who is responsible for the oversight of the transfer of Qualifying Students. The Sending Institution shall designate, and shall provide to the Receiving Institution, the contact information for a staff person at the Sending Institution who is responsible for the oversight of the transfer of Qualifying Students.

	Sending Institution	Receiving Institution
Name of staff person responsible for oversight	Deb Baker	Dave Copenhaver
Title of staff person	Assistant Registrar	Assistant Director of Transfer Admissions
Email address	dbaker@ccbcmd.edu	wcopenhaver@stevenson.edu
Telephone Number	443-840-4647	(443)352-4409

Should the staff person or position change, the institution will promptly provide new contact information to the partner institution and inform the Maryland Higher Education Commission of the change.

Additional contact information:

Articulation Contact	Sending Institution	Receiving Institution
Name of person	Nicole Zampino	Bridget Brennan
Title of person	Coordinator of Articulation, Transfer, and Prior Learning	AVP, Academic Affairs
Email address	nzampino@ccbcmd.edu	bhbrennan@stevenson.edu
Telephone Number	443-840-4647	443-352-5445

5. If the Qualifying Student is using federal Title 38 VA Education Benefits (GI Bill® Education Benefits), the Institutions shall adhere to all applicable U.S. Department of Veterans Affairs' regulations, including the regulations governing the awarding prior credit, as regulated under Title 38, Code of Federal Regulations, Sections 21.4253(d)(3) and 21.4254(c)(4). For scholarship information please see the "Paying for College" page on: <http://www.stevenson.edu/transfer>
6. Each Institution shall adhere to all applicable transfer requirements set forth in the Annotated Code of Maryland and the Code of Maryland Regulations.
7. Each Institution shall advise students regarding transfer opportunities under this Agreement, and shall advise students of financial aid opportunities and implications associated with the transfer. Should either Institution make changes to program requirements, the institution will inform the partner institution immediately. The articulation agreement should be updated to reflect the changes and forwarded to the Maryland Higher Education Commission.

C. Term and Termination

1. This agreement shall be effective on the date that it is signed by the appropriate and authorized representatives of each Institution.
2. Either Institution may, at its sole discretion, terminate this Agreement upon delivering 60 days written notice to the other Institution and the Maryland Higher Education Commission.
3. Both Institutions agree to meet once every 2 year(s) to review the terms of this agreement.

D. Amendment

1. This Agreement constitutes the entire understanding and agreement of the Institutions with respect to their rights and obligations in carrying out the terms of the Agreement, and supersedes any prior or contemporaneous agreements or understandings.

2. This Agreement may be modified only by written amendment executed by both Institutions.

E. Governing Law

This Agreement shall be governed by, and construed in accordance with, the laws of the State of Maryland.

F. Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

G. Notice of Agreement

1. The Institutions agree to provide a copy of this Agreement, with any amendments, to the Maryland Higher Education Commission.
2. The Institutions agree to provide copies of this Agreement to all relevant individuals and departments of the Institutions, including but not limited to students, academic department chairs participating in the transfer, offices of the president, registrar's offices, and financial aid offices.

H. No Third-Party Beneficiaries

There are no third-party beneficiaries to this Agreement.

I. Representations and Warranties of the Parties