

**ACADEMIC PROGRAM ARTICULATION AGREEMENT BETWEEN
COLLEGE OF SOUTHERN MARYLAND
AND
STEVENSON UNIVERSITY REGARDING TRANSFER FROM ASSOCIATE OF
SCIENCE IN MATHEMATICS AND SCIENCES, MATHEMATICS
CONCENTRATION TO BACHELOR OF SCIENCE IN APPLIED MATHEMATICS**

This Academic Program Articulation Agreement (“Agreement”) is entered into by and between College of Southern Maryland (the “Sending Institution”) and Stevenson University the “Receiving Institution”) (collectively, the “Institutions”) to facilitate the transfer of academic credits from Associate of Science in Mathematics and Sciences, Mathematics Concentration for the completion of the Bachelor of Science 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
MTH-1200: Calculus I and Analytic Geometry	MATH 220: Calculus I	Program Requirement	4
MTH-1210: Calculus II	MATH 221: Calculus II	Program Requirement	4
MTH-2200: Calculus III	MATH 222: Calculus III	Program Requirement	4
MTH-2220: Introduction to Linear Algebra	MATH 299: Math Elective	Program Elective	4
MTH-1015: Introduction to Statistics	MATH 136TR Introduction to Statistics	General Elective	3
MTH-2210 Differential Equations	MATH 299: Math Elective, Fulfills MATH 321, Differential Equations	Program Requirement	4
CHE-1200/L: General Chemistry I and Lab	CHEM 115/L: General Chemistry I and lab	Program Requirement	4
CHE-1210/L: General Chemistry II and Lab	CHEM 116/L: General Chemistry II with lab	Program Requirement	4

Community College Degree Requirements	Stevenson Equivalency	Category	Credits Transferred
PHY-1210/L: Calculus-Based Physics I: Mechanics and Fluids and Lab	PHYS 215: General Physics I with Calculus	Program Requirement	4
PHY-2200: Calculus-Based Physics II: Vibrations, Heat, and Electricity and Lab	PHYS 216: General Physics II with Calculus	Program Requirement	4
FYS-1010: First Year Seminar	GEN 199: General Elective	Elective	3
ENG-1010: Composition and Rhetoric	ENG 151 College Writing I	Composition General Education Requirement	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
Arts/Humanities with Cultural and Global Awareness	Variable	Arts/Humanities General Education Requirement	3
Social/Behavioral Sciences with Cultural and Global Awareness	Variable	Social Science General Education Requirement	3
Social/Behavioral Sciences	Variable	Social Science General Education Requirement	3
Science Elective	Variable	General Elective	3-4
Total	63-64 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 [B.S. in Applied Mathematics, Scientific Track](#) 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 (30 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
 MATH 442 Numerical Analysis, 3 credits
 MATH Elective, 3 credits
 MATH 471 Capstone Internship, 6 credits
 MATH 475 Capstone Seminar, 3 credits

Additional Credits Needed: 30 credits of general electives

Total credits to be taken at SU: 60

Suggested Course Sequence

YEAR 3				
SEMESTER	FALL		SPRING	
RECOMMENDED COURSES	MATH 312 Mathematical Statistics I	3	MATH 313 Mathematical Statistics II	3
	MATH 326 Linear Algebra	3	MATH 442 Numerical Analysis	3
	General Elective	3	MATH Elective*	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
CREDITS	15 CREDITS		15 CREDITS	
YEAR 4				
SEMESTER	FALL		SPRING	
RECOMMENDED COURSES	MATH 471 Capstone Internship	6	MATH 418 Mathematical Modeling	3
	MATH 475 Capstone Seminar	3	MATH 425 Scientific Comp Programming	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
			General Elective	3
CREDITS	15 CREDITS		15 CREDITS	

*Choose from: MATH 218, Geometry; MATH 230, Discrete Structures; MATH 301, Mathematical Structures; MATH 342, Time Series Analysis; MATH 365, Independent Research in Mathematics; MATH 420, Actuarial Math; and MATH 490, Special Topics in Mathematics.

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, with the exception of college composition, which must be passed with a C- 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. 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	Jacqui Rogers	Dave Copenhaver
Title of staff person	Coordinator of Transfer and Articulation	Assistant Director of Transfer Admissions
Email address	jgrogers@csmd.edu	wcopenhaver@stevenson.edu
Telephone Number	301-934-7571	(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:

[Role & Responsibilities of persons listed here]	Sending Institution	Receiving Institution
Name of person	Stephanie McCaslin	Amanda Hostalka
Title of person	Acting Associate Dean	Vice Provost, Outreach
Email address	sdmccaslin@csmd.edu	ahostalka@stevenson.edu
Telephone Number	301-934-7803	443-3394-9549

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.
8. 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

Both Institutions represent and warrant that the following shall be true and correct as of the Effective Date of this Agreement, and shall continue to be true and correct during the term of this Agreement:

- 1. The Institutions are and shall remain in compliance with all applicable federal, state, and local statutes, laws, ordinances, and regulations relating to this Agreement, as amended from time to time.
- 2. Each Institution has taken all action necessary for the approval and execution of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives.

<p>College of Southern Maryland</p> <p>By:  <u>Eileen Abel (Nov 21, 2020 14:39 EST)</u></p>	<p>Stevenson University</p> <p>By: <u>Susan T. Gorman</u> <i>Susan T. Gorman</i> (Nov 20, 2020 21:33 EST) Susan Thompson Gorman, PhD</p>
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<p>Eileen Abel, PhD Vice President of Academic Affairs</p> <p>Nov 21, 2020</p> <hr/> <p>Date</p>	<p>EVP Academic Affairs and Provost</p> <p>Nov 20, 2020</p> <hr/> <p>Date</p>
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Date of next review (2 years from date of last signature): _____









College of Southern Maryland and Stevenson University Applied Mathematics Articulation for Signature Agreement

Final Audit Report

2020-11-21

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