

PROGRAM ARTICULATION AGREEMENT

Between

Wor-Wic Community College and

Salisbury University

Associate of Science in STEM, Data Science Concentration to

Bachelor of Science in Data Science

July 2025 through June 2030

This Program Articulation Agreement ("Agreement"), effective Fall 2025 ("Effective Date"), is by and between Wor-Wic Community College, a community college located in Salisbury, Maryland, and Salisbury University, a constituent institution of the University System of Maryland, an agency of the state of Maryland (hereinafter sometimes referred to individually as a "Party" or "Institution" and collectively as the "Parties" or "Institutions"). This Agreement sets forth the joint curricula and program requirements for the completion of the Associate of Science in STEM, Data Science Concentration from Wor-Wic Community College and the Bachelor of Science in Data Science at Salisbury University.

RECITALS

Whereas, Wor-Wic Community College and Salisbury University are committed to partnering to expand the educational opportunities and collaborative academic programming of their respective institutions; and

Whereas, the Institutions are committed to providing a smooth transition for students wishing to earn an associate of arts degree and a baccalaureate degree; and

Whereas, the intent of the Institutions is to avoid duplication of curricula, where appropriate, within articulated programs of studies; and

Whereas, the Institutions agree that the educational growth of students and the economic development of the community is better served through cooperative educational planning and optimal utilization of community resources.

Therefore, this Agreement commits the Parties to full support of an articulation process to deliver coursework for students, resulting in the associate of science degree from Wor-Wic Community College and credit toward the bachelor of science degree at Salisbury University. The Parties agree to the following:

I. ACADEMIC REQUIREMENTS

- A. The Institutions agree to follow the joint program curriculum and course by course articulation delineated in Appendix 1, which is attached hereto and made a part of this Agreement.
- B. Both Institutions will cooperate toward developing, disseminating, and presenting the articulated program information to students.
- C. Students who have graduated from Wor-Wic Community College program must first apply to Salisbury University. Once a completed application is received, Wor-Wic Community College graduates who have completed the associate's degree program in Associate of Science in STEM, Data Science Concentration, with a cumulative grade point average of 2.0 or higher will be granted admission to Salisbury University as an Data Science major.
- D. All articulated course credits applied towards satisfying Bachelor of Science in Data Science major requirements earned with a C or better will be accepted for transfer according to the articulation matrix in Appendix 1.
- E. Salisbury University shall provide a Checklist for students as a planning tool for completing coursework required for the Bachelor of Science in Data Science major in Appendix 2, attached hereto and made a part of this Agreement.
- F. Students intending to transfer are recommended to apply for admission by the priority deadline for the semester for which they intend to enroll.
- G. Students are subject to all specific policies pertaining to students admitted to the Salisbury University baccalaureate degree program in Bachelor of Science in Data Science and all other Salisbury University admissions policies and procedures.

II. TERM AND TERMINATION

- A. The term of this Agreement commences as of the Effective Date listed herein. This Agreement is based on the present curricula contained herein and in all appendices, and is effective for five (5) years from July 2025 to June 2030.
- B. Either Party may terminate this Agreement with notice to the other Party, pursuant to Section III.G below. Upon termination or expiration of this Agreement, the Parties shall develop a process that will reasonably allow students already admitted to and enrolled in joint programming to continue their studies. Neither Party will terminate this Agreement at a time that would deter a "cohort-in-progress" from completing graduation within the originally designated timeframe.

III. GENERAL PROVISIONS

- A. Each Institution is responsible for the administration of its respective courses, including content, requirements, faculty, and student services (to include, but not limited to, admissions, financial aid, class registration, etc.).
- B. When enrolled in a Salisbury University course, the student is subject to all policies and procedures applicable to Salisbury University students. When enrolled in a Wor-Wic Community College course, a student is subject to all policies and procedures applicable

to Wor-Wic Community College students. Additional joint policies and procedures may be adopted and implemented at the discretion of both Parties.

- C. The Parties recognize that course scheduling beyond the associate's degree level resides exclusively with Salisbury University and will be coordinated with Wor-Wic Community College by the designated Salisbury University representative. Where academic calendars differ, the Parties will work together to coordinate class offerings and class schedules.
- D. The disclosure of information about individual students is limited by the federal Family Educational Rights and Privacy Act (FERPA). The Parties agree that release of student educational records to each other is conditioned upon the submission of a signed agreement by the student authorizing such release.
- E. The Parties agree not to release student information to any third-party without the written consent of the other Party and in compliance with FERPA and any other federal or state of Maryland laws, rules, and regulations, and policies of the Parties.
- F. The Parties shall publicize any joint offerings in their respective catalogs, website, and other materials as appropriate. Notwithstanding the foregoing, neither Party may use the names or marks of the other without the prior written approval of the other Party.
- G. The Parties shall inform students in their respective programs of the complementary program opportunities available at each other's respective institution, support each other's marketing efforts toward the same, and encourage students to apply to programs consistent with an individual student's interests.
- H. Notwithstanding anything in this Agreement to the contrary, both Parties retain full authority over their respective courses, programs, and requirements. Both Parties reserve the right to make changes to their respective courses, programs, and requirements. However, each Party shall give to the other reasonable notice and details of changes to this Agreement and other changes in its courses, programs, and requirements that may affect this Agreement. In the event such changes affect the terms of this Agreement, this Agreement and any of its appendices shall be updated as needed to reflect such changes.
- I. The Parties designate the following persons as their respective representatives to coordinate and manage the activities under this Agreement:

Wor-Wic Community College
Kristin Mallory, Vice President for Academic Affairs
32000 Campus Drive
Salisbury, Maryland 21804
kmallory@worwic.edu
(410) 334-2813

Salisbury University
Michael Scott, Dean
Richard A. Henson School of Science and Technology
1101 Camden Avenue
Salisbury, Maryland 21801

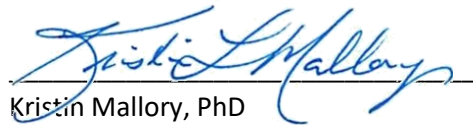
msscott@salisbury.edu

(410) 543-6489

- J. The designated representatives shall meet as needed, at a mutually agreeable time and location, to discuss various collaborations and other topics of interest to either Institution. A Party may change its representative by giving notice to the other Party.
- K. Either Institution may at any time recommend changes to this Agreement. Both Institutions reserve the right to modify the programs as deemed necessary and agree to inform the appropriate representatives of the other Institution of recommended changes. This Agreement may be modified only in writing signed by both Parties.
- L. All notices under this Agreement must be in writing; delivered in person, by U.S. mail or by email to the representatives listed above in this Section III.
- M. Nothing in this Agreement is intended to form a joint venture between the Parties. Nothing in this MOU is intended to create rights or benefits for any person or entity other than the Parties.
- N. This Agreement integrates the entire agreement of the Parties and supersedes any and all prior and/or contemporaneous agreements between the Parties, written or oral, with respect to the subject matter of this Agreement.

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

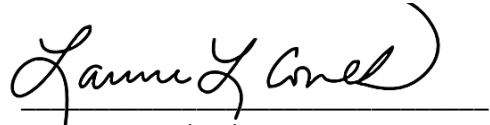
Wor-Wic Community College



Kristin Mallory, PhD

Vice President for Academic Affairs

Salisbury University



Laurie L. Couch, PhD

Provost and Senior Vice President of
Academic Affairs

Date: 1/14/2025

Date: 1/16/2025

APPENDIX 1
Articulation Matrix

The following matrix includes course equivalencies, including general education requirements and courses necessary to satisfy major requirements. The matrix also includes a recommended student curricular pathway to complete the Associate of Science degree and the Bachelor of Science degree requirements.

While the student is not required to take all courses in the precise order recommended in the articulation matrix, all course equivalencies described in the matrix and the manner in which they fulfill general education and major requirements at Salisbury University are binding.

Students are strongly advised to seek appropriate advising with regard to the completion of requirements for the associate of science degree, transition to Salisbury University, and completion of all requirements for the bachelor of science degree.

APPENDIX 2

Bachelor of Science Data Science Curriculum

Spring 2025

This Appendix 2 outlines the requirements to earn a baccalaureate degree in Data Science from Salisbury University, as of the Spring 2025 semester. It includes overall Salisbury University curriculum policies, general education requirements, major core courses, and major elective courses.

Only one track is shown for illustrative purposes. Each of the 6 tracks (Astrostatistics, Bioinformatics, Chemometrics, Computational Data Science, Geoanalytics, Mathematical Data Science) have the same core requirements and similar electives.

Semester 0 (Summer II)

Wor-Wic Community College	Credits		Salisbury University	Credits
SDV 100 Fundamentals of College Day	1	to	ELEC	1

Semester 1

Wor-Wic Community College	Credits		Salisbury University	Credits
ENG 101 Fundamentals of English I	3	to	ENGL 103 Composition and Research	3
MTH 121 Precalculus I	3	to	MATH ELEC	3
DAT 105 Introduction to Data Science	3	to	DSCI ELEC	3
Social/Behavioral Science	3	to	Social/Behavioral Science ELEC	3
Arts and Humanities	3	to	Arts and Humanities ELEC	3

Semester 2

Wor-Wic Community College	Credits		Salisbury University	Credits
ENG 151 Fundamentals of English II	3	to	ENGL LIT English Literature Elective	3
MTH 122 Precalculus II	4	to	MATH 140 College Algebra and Trigonometry	4
CMP 135 Intro to Programming	4	to	COSC 117 Programming Fundamentals	4
ELEC	3	to	ELEC	4

Semester 3

Wor-Wic Community College	Credits		Salisbury University	Credits
CMP 210 Computer Science I	4	to	COSC 120 Computer Science I	4
MTH 152 Statistics	3	to	MATH 155 Modern Statistics w/ Comp Analysis	3
DAT 214 Statistics Lab for Data Science	1	to	MATH 214 Statistics Laboratory	1
MTH 201 Calculus I	4	to	MATH 201 Calculus 1	4
Lab Science	4	to	Lab Science	4

Semester 4

Wor-Wic Community College	Credits		Salisbury University	Credits
MTH 202 Calculus II	4	to	MATH 202 Calculus 2	4
Lab Science	4	to	Lab Science	4
Social/Behavioral Science	3	to	Social/Behavioral Science	4
ELEC	3	to	ELEC	3

WW Course Prefix	WW Course Number	WW Course Title	Credits (at WW)	GenEd at WW		SU Course Prefix	SU Course Number	SU Course Title	Credits (at SU)	GenEd at SU*	SU Degree Requirements	Credits Taken by Student	
SDV	100	Fundamentals of College Study	1		Summer Session II	ELEC			1			1	Wor-Wic Community College
ENG	101	Fundamental of English I	3	English Composition	Semester 1	ENGL	103	Composition and Research	3			15	
MTH	121	Precalculus I	3	Mathematics		MATH	ELEC	GEN ED	3				
DAT	105	Introduction to Data Science	3		Semester 1	DSCI	ELEC	Data Science Elective	3			14	
GEN	ED	Social/Behavioral Science	3	Social/Behavioral Science		GEN	ED		3				
GEN	ED	Arts and Humanities	3	Arts and Humanities		GEN	ED		3				
ENG	151	Fundamental of English II	3	Arts and Humanities	Semester 2	ENGL	ELEC	GEN ED	3			16	
MTH	122	Precalculus II	4			MATH	140	College Algebra and Trigonometry	4				
CMP	135	Introduction to Programming	4			COSC	117	Programming Fundamentals	4		MR(1 of 9)		
ELEC			3		Semester 3	TBD	ELEC		3			14	
CMP	210	Computer Science I	4			COSC	120	Computer Science I	4		MR(2 of 9)		
MTH	152	Statistics	3			MATH	155#	Modern Statistics with Computer Analysis	3		MR(3 of 9)		
DAT	214	Statistics Laboratory for Data Science	1			MATH	214#	Statistics Laboratory	1				
MTH	201	Calculus I	4		Semester 4	MATH	201	Calculus I	4		MR(4 of 9)	14	
GEN	ED%	Lab Science	4	Biological/Physical Science		GEN	ED		4		ME(1)		
MTH	202	Calculus II	4		Semester 4	MATH	202	Calculus II	4		MR(5 of 9)	14	
GEN	ED\$	Lab Science	4	Biological/Physical Science		GEN	ED		4		ME(2)		
GEN	ED	Social/Behavioral Science	3	Social/Behavioral Science		GEN	ED		3				
ELEC			3		Semester 5	TBD	ELEC		3			16	
			60			MATH	306	Linear Algebra	4		MR(6 of 9)		
					Semester 6	TRACK	ELEC		4		ME(3)	16	
						TBD	ELEC		4				
					Semester 6	TBD	ELEC		4			15	
						COSC	311	Intoduction to Data Visualization and	4		MR(7 of 9)		
						TRACK	ELEC		4		ME(4)		
					Semester 7	TRACK	ELEC		4		ME(5)	15	
						TBD	ELEC		4				
						DSCI	470	Research Methods in Data Science	3		MR(8 of 9)		
						TRACK	ELEC		4		ME(6)		
					Semester 8	TBD	ELEC		4			15	
						TBD	ELEC		4				
						DSCI	490	Capstone Project	3		MR(9 of 9)		
						TRACK	ELEC		4		ME(7)		
						TBD	ELEC		4				
						TBD	ELEC		4				

*All SU General Education Course Requirements are satisfied with the completion of an AS degree.

MR - Major requirements (11)
ME - Major track elective requirements (4 or 5). Seven potential opportunities to take these courses are listed to create pathways so each of the six tracks may be completed in four years.

#MATH 155 and MATH 214 together give credit for MATH 216.

The Data Science Major at Salisbury University requires students to complete one of six tracks. The student will want to create their program plan based on which track they desire to pick.

%BIO 105: Bioinformatics Track
CHM 105: Chemometrics Track
PHY 141: Astrostatistics Track

\$CHM 106: Chemometrics Track
PHY 142: Astrostatistics Track

Students interested in the Mathematical Data Science Track may be interested in taking MTH 203 at an Elective at WWCC.

1. BIO 105 transfers as BIOL 201
- 2a. CHM 105 transfers as CHEM 121
b. CHM 106 transfer as CHEM 122
- 3a. PHY 141 transfers as PHYS 221
b. PHY 142 and PHY 143 transfers to PHYS 223 and PHY 225 as a block
4. MTH 203 transfers as MATH 310.

CC Credits Transferred 60
SU Credits 62

Salisbury University