DUAL ADMISSIONS PARTNERSHIP AGREEMENT
BETWEEN
BLOOMSBURG UNIVERSITY OF PENNSYLVANIA
and
NORTHAMPTON COMMUNITY COLLEGE

THIS AGREEMENT made and entered into this ____ day of _____, 2021, between Bloomsburg University of Pennsylvania of the State System of Higher Education and Northampton Community College.

NOW, THEREFORE, for and in consideration of the foregoing and the mutual promises hereinafter expressed and intending to be legally bound hereby, the Parties agree as follows:

A. INTRODUCTION

Bloomsburg University of Pennsylvania and Northampton Community College (hereinafter referred to as "Bloomsburg University and "NCC") agree to establish this dual admissions agreement whereby students who apply for dual admission and graduate from NCC are guaranteed admission to Bloomsburg University with at least full junior standing in Bloomsburg University's Bachelor of Arts in Mathematics with a concentration in Data Science when the following criteria are met:

1. Submission of the Dual Admission Intent Form, preferably prior to completing 45 credits at NCC.
2. Graduate with an Associate of Science degree in Data Science from NCC.
3. Fulfill Bloomsburg University transfer admission requirements.

The purposes of this agreement are:

1. To establish a seamless dual admissions partnership agreement that involves the participating community college and a 4-year Bachelor degree granting institution.
2. To cooperatively provide a program of study consisting of a sequence of technical courses and industrial experience following a logical progression toward the Bachelor of Arts in Mathematics with a concentration in Data Science.
3. To enable qualified graduates of NCC to build upon their education and training by earning a baccalaureate degree.
4. To enable Bloomsburg University to attract a more diverse population of students to the Mathematics - Data Science program.

5. To enable community college graduates to obtain a quality education at a low cost, and, in doing so, provide the commonwealth with qualified cybersecurity and digital forensics graduates.
6. To ensure recognition of the continuity of academic progress and transferability of credits between two-year and four-year programs.

B. PROCEDURES

NCC agrees to publicize this dual admissions agreement to prospective students in its admissions literature and as part of regular student recruitment, and inform qualified, matriculating students matriculating of the opportunity for admission to Bloomsburg University under the terms of this agreement.

NCC students must enroll within one year of graduation and cannot attend another institution in between attending NCC and Bloomsburg University.

Bloomsburg University will issue a conditional acceptance letter to eligible candidates who have submitted the Dual Admission Intent Form. NCC students must complete the Bloomsburg University transfer application by October 1st or May 1st if enrolling for the following spring or fall semester at Bloomsburg University.

Most importantly, this agreement ensures early advising. The Mathematics - Data Science Program Coordinator at Bloomsburg University will meet with dual admitted students at least once per semester regarding the student's academic plan and maintain close contact throughout the admissions process. NCC and Bloomsburg University have an articulation agreement documenting how courses transfer, which is critical for course registration.

The following items are the responsibility of students participating in the dual admissions program:

1. Complete the sequence of courses specified on the Program-to-Program Guaranteed Admissions Worksheet with a minimum overall grade point average of 2.00 on a 4-point scale.
2. At the time of application, provide high school transcripts and transcripts of all college courses taken up to and including the previous semester.
3. Upon receiving the Associate of Science Degree from NCC, provide complete NCC transcripts to Bloomsburg University.
4. Submit the Dual Admission Intent Form. NCC students must complete the Bloomsburg University transfer application by October 1st or May 1st if enrolling for the following spring or fall semester at Bloomsburg University. Admission under this agreement will be contingent upon completing items 1 to 3, above, and receiving the Associate of Science degree from NCC.

5. Pay the required advanced deposit to hold a seat for the fall semester.
6. Pay Bloomsburg University's tuition and fees for those semesters in which they are registered for courses at Bloomsburg University.
7. A course-by-course evaluation and transfer will be accepted from NCC for graduates of approved majors or comparable programs. Additional courses not used to satisfy requirements for the Associate of Science Degree will be evaluated for transfer credit on a course-by-course basis. Credits earned at a college or institution which does not hold accreditation by a regional accrediting body will be evaluated on a case by case basis at Bloomsburg University.
8. Students must take at least 30 of the last 60 credits earned toward a baccalaureate degree at Bloomsburg University. In addition, 50% of the major/cognate credits required for the major must be earned at a State System University. Students while enrolled at Bloomsburg University shall comply with its academic policies and requirements. Specific academic policies and degree requirements in effect for the Bachelor of Arts degree as awarded by the University will be such as exist at the time of the student enrollment in the program.
9. Complete four semesters of study on the Bloomsburg University campus, and follow the Recommended course sequence for NCC Transfer Students.

C. CONDITIONS OF THE AGREEMENT

1. The Coordinator of the Bachelor of Arts degree program in Mathematics with a concentration in Data Science at Bloomsburg University and the Coordinator of the Associate of Science degree in Data Science at NCC will monitor this agreement.
2. The term of this agreement shall be five years commencing when all applicable signatures are obtained.
3. Either institution may withdraw from the agreement upon written notification of the other, with exception to commitments already in effect for students who have applied to Bloomsburg University. Such commitments will be honored. In the event of a substantial breach, such as, a lack of response to requests for information and or adequate participation, either party may terminate this agreement.
4. The relationship of the parties to this contract shall not be construed to constitute a partnership, joint venture, or any other relationship, other than that of independent contractors.
5. The parties agree to continue their respective policies of nondiscrimination based on Title VI of the Civil Rights Act of 1964 in regard to sex, age, race, color, creed, national origin, Title IX of the Education Amendments of 1972 and other applicable laws, as well as the provisions of the Americans with Disabilities Act.

6. Neither of the parties shall assume any liabilities as a result of this agreement. As to liability to each other, death to persons, or damages to property, the parties do not waive any defense as a result of entering into this contract. This provision shall not be construed to limit Bloomsburg University of Pennsylvania's rights, claims or defenses, which arise as a matter of law pursuant to any provisions of this contract. This provision shall not be construed to limit the sovereign immunity of the Commonwealth of Pennsylvania or of the Pennsylvania State System of Higher Education or Bloomsburg University.
7. This agreement represents the entire understanding between the parties. This agreement can be modified only in writing with the same formality as the original agreement.
8. This agreement shall be governed and interpreted in accordance with the laws of the Commonwealth of Pennsylvania.
9. Any disputes under this Agreement shall be resolved first through informal resolution between the relevant divisions at the respective Party. If such informal resolution fails, the dispute shall be forwarded to the President of Bloomsburg University for final determination.

In WITNESS WHEREOF, the parties hereto have caused this agreement to be executed pursuant to due and legal action authorizing the same to be done the date first written above.

Bloomsburg University of Pennsylvania:

Bashar W. Hanna
Digitally signed by Bashar W. Hanna
Date: 2021.12.02 11:06:36 -05'00'

President
Bloomsburg University
Date:_____

Diana Rogers-Adkinson
Digitally signed by Diana Rogers-Adkinson
Date: 2021.11.30 15:21:43 -05'00'

Provost and Senior VP, Academic Affairs
Bloomsburg University
Date: _____

Latha Ramakrishnan
Digitally signed by Latha Ramakrishnan
Date: 2021.11.24 12:10:39 -05'00'

Dean, College of Science and Technology
Bloomsburg University
Date: _____

Wesley M. Weymers II
Digitally signed by Wesley M. Weymers II
Date: 2022.01.06 14:09:29 -05'00'

University Legal Counsel
Date: _____

Northampton Community College:

Mark Erickson
Digitally signed by Mark Erickson
Date: 2021.11.24 11:11:31 -05'00'

President
Northampton Community College
Date: _____

Dr. Carolyn Bortz
Digitally signed by Dr. Carolyn Bortz
Date: 2021.11.23 12:01:49 -05'00'

VP, Academic Services
Northampton Community College
Date: _____

Dr. Farah Bennani
Digitally signed by Dr. Farah Bennani
Date: 2021.11.23 14:17:17 -05'00'

Dean, STEM
Northampton Community College
Date: _____

ATTACHMENT A

Transfer Advising Guide

Northampton Community College (NCC)
A.S. Data Science
to
Bloomsburg University of Pennsylvania (BU)
B.A. Mathematics with a Concentration in Data Science

Northampton Recommended Course				BU Equivalent				In Equiv Tool
	Name	C.H.			Name	C.H.		
COLS101	College Success	1		INTSTUDY 100	University Seminar	1		Y
ENGL101	English I	3		ENGLISH 101	Foundations of Coll. Writing	3	G M	Y
CMTH102	Introduction to Communication	3		COMMSTUD 103	Public Speaking	3	G	Y
MATH150	Introductory Statistics	3		MATH 141	Intro. to Statistics	3	M	Y
DATS101	Principles of Data Science	3		DATASCI 110	Intro. to Data Science	3	M	N
CISC101	Introduction to Information Tech.	3		ITA 175	Spreadsheet Analysis	3		N
MATH207	Statistical Methods	3		MATH 240	Statistical Methods	3	M	N
ENGL151T	English II	3		INTSTUDY 204	Intro. to Research Writing	3	G	Y
CISC115	Computer Science I	4		COMPSCI 199	Comp. Sci. Transfer	4		(Same as CISC 150 below)
PHIL202G	Ethics and Moral Problems	3		PHIL 292	Cont Moral Problems	3	G	Y
	General Education Elective	3			General Education Course	3	G	
MATH180	Calculus I	4		MATH 125	Calculus 1	4	M	Y
DATS201	Data Visualization	3		DATASCI 210	Data Visualization	3	M	N
CISC150	Object-Oriented Programming	4		COMPSCI 121	Object-Oriented Programing Java	4	E	Y
	Science Elective	3 or 4			General Education Course	3 or 4	G	
MATH202	Discrete Mathematics	3		MATH 185	Discrete Mathematics	3	M	Y
DATS250	Data Science Capstone	4		DATASCI 299	Data Science Transfer	4		N
CISC270	Database Systems	4		COMPSCI 357	Database Design	3	M	Y
				COMPSCI 399	Comp. Sci. Transfer	1		Y
	General Education Elective	3		General Education Course	3	G		
	Total Credits	60 or 61				60 or 61		

G = General Education
M = Major Requirement
E = Elective for Major
GM = General Education course required for major

BU Mathematics BA-Data Science Track Checklist

Effective Summer 2019

Required and Elective Courses (56 credits)			
Required Core Data Science Courses (15 credits)	**Credits**	**Grade**	**Semester/Year**
DATASCI 110 Introduction to Data Science (NCC DATS 101)	3	TR	
DATASCI 210 Data Visualization (NCC DATS 201)	3	TR	
DATASCI 310 Databases for Big Data	3		
DATASCI 410 Machine Learning	3		
DATASCI 420 Advanced Data Science	3		
Required Core Math Courses (23 credits)	**Credits**	**Grade**	**Semester/Year**
MATH 125 Calculus 1 (NCC MATH 180)	4	TR	
MATH 126 Calculus 2	4		
MATH 185 Discrete Mathematics (NCC MATH 202)	3	TR	
MATH 240 Statistical Methods (NCC MATH 207)	3	TR	
MATH 141 Introduction to Statistics (NCC MATH 150) or MATH 241 Probability and Statistics	3	TR	
MATH 314 Linear Algebra	3		
MATH 340 Statistical Software	3		
Required Core CS courses (9 credits)	**Credits**	**Grade**	**Semester/Year**
COMPSCI 115 Python Programming (3)	3		
COMPSCI 215 Advanced Python Programming (3)	3		
COMPSCI 357 Data Base Design (NCC CISC 270)	3	TR	
Elective Courses (Select 9 credits from the list below)			
COMPSCI 121 Object Oriented Programming in Java (NCC CISC 150)	4	TR	
COMPSCI 122 Graphic Interface in Java	4		
COMPSCI 221 Advanced Java	3		
COMPSCI 348 Data Mining	3		
COMPSCI 457 Advanced Data Base Design	3		
DIGFOR 219 Introduction to Linux for Digital Forensics	3		
MATH 225 Calculus 3	3		
MATH 320 Programming in Mathematics	3		
MATH 342 Design and Analysis of Experiments	3		
MATH 343 Applied Regression Analysis	3		
MATH 410 Math Modeling	3		

Remaining Coursework at Bloomsburg University of Pennsylvania

First semester		*Credits*	*Second semester*		*Credits*
DATASCI 310	Databases for Big Data	3	DATASCI 410	Machine Learning	3
COMPSCI 115	Python Programming	3		Data Science Elective	3
MATH 126	Calculus 2	4	COMPSCI 215	Advanced Python Programming.	3
MATH 340 (or Free Elective)*	Statistical Software (or Free Elective)	3		Free Elective	3
	Free Elective	3		Free Elective	3
	Subtotal	**16**		**Subtotal**	**15**
Third Semester		*Credits*	*Fourth Semester*		*Credits*
DATASCI 420	Advanced Data Science	3		Data Science Elective	3
	Data Science Elective	3		Free Elective	3
MATH 314	Linear Algebra	3		Free Elective	3
MATH 340 (or Free Elective)*	Statistical Software (or Free Elective)	3		Free Elective	2
	Free Elective	3			
	Subtotal	**15**		**Subtotal**	**14**

* MATH 340 is offered in Fall of even numbered years.

Total at Northampton CC	60
Total at Bloomsburg U	60
Total Credits	120