

# ARTICULATION AGREEMENT


**Baltimore City Community College**  
Associate and Sciences Transfer  
Mathematics (Area of Concentration)  
and  
**Morgan State University**  
Bachelor of Science Degree  
Actuarial Science


Entered into this 30<sup>th</sup> day of May 2017

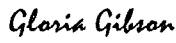
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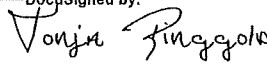
### Morgan State University


### Baltimore City Community College


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Dr. David Wilson  
President

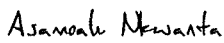
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Dr. Gordon F. May  
President/CEO

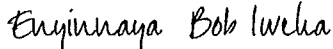
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Provost and Senior Vice President  
for Academic Affairs

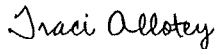
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Dr. Tonja Ringgold  
Vice President, Student Affairs


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Dr. Hongtao Yu  
Dean, School of Computer, Mathematical and  
Natural Sciences

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Dr. D. Snowden  
Dean, Academic Operations & Services

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Dr. Asamoah Nkwanta  
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Dr. Enyinnaya Iweha  
Dean, Science

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Dr. Traci Allotey  
Director, Actuarial Science

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Prof. Scott Saunders  
Associate Dean, Mathematics

This agreement is effective with new Morgan admits beginning in the fall 2017

This agreement will remain in effect until fall 2019

## **ARTICULATION AGREEMENT**

Baltimore City Community College, an agency of the state of Maryland (hereafter referred to as BCCC), and Morgan State University (hereafter referred to as MSU), a public state university in Baltimore, Maryland, agree to offer an articulated program leading to the award of a Bachelor of Science in Actuarial Science.

### **PURPOSE OF AGREEMENT**

This agreement is entered into in the interests of our students. The general purpose of this agreement is to make clear the terms of this articulation agreement. This agreement will allow for the efficient transfer of students between campuses, including transfer credit, admissions and financial aid/scholarship. It will provide opportunities for students beyond the classroom, serving as a basis for student involvement and faculty interaction. It will set expectations for administrators, faculty, and staff at both institutions, and foster a working relationship between the parties. Finally, it will encourage students to continue their education for their personal and professional development.

### **ADMINISTRATIVE PRINCIPLES**

**The following general principles guide the operation of this Agreement:**

1. The program is designed for graduates/transfers of the Arts and Sciences Transfer Mathematics (Area of Concentration). A maximum of seventy (70) credit hours from BCCC or another community college will be allowed towards fulfillment of the minimum one hundred and twenty (120) credits required for baccalaureate completion.
2. In accordance with Code of Maryland Regulations, all courses meeting general education requirements at BCCC will transfer to MSU as general education. Other general education requirements will be met by using required or elective courses at MSU as noted in this agreement.
3. The maximum number of credits that will be accepted by MSU toward degree requirements from non-direct classroom instruction (including CLEP, AP, International Baccalaureate, and other select nationally-recognized standardized examination scores, and other four-year institutions) is ninety (90) credits. If the course is evaluated by BCCC and applied to the Associate of Applied Science transfer degree, the student must submit the score report to be evaluated by MSU and credit will be applied as determined by an MSU evaluation. It is possible that not all transferable credit accepted by MSU will be applicable to the degree.
4. Courses completed at another community college or four-year institution will count toward the total credits transferred into MSU. Official transcripts from all previously attended institutions will also be required.

5. Once the Arts and Sciences Transfer Mathematics (Area of Concentration) degree is completed and the student has been admitted to MSU, the student will be instructed to contact the appointed academic advisor before registering for classes.
6. While BCCC and MSU do not presently have a dual admissions program, should one be agreed to, this agreement will not preclude students from participation and students may apply for and receive the benefits of dual-admission.
7. Students may complete the MSU curriculum part-time or full-time, online or face-to-face, or in any combination thereof.
8. This articulation agreement becomes effective on the date set forth on the first page of this document. This agreement will be reviewed and re-signed every two (2) years.
9. BCCC will provide potential student directory information, as defined in the Family Education Rights and Privacy Act (FERPA), to MSU for matters of recruitment, marketing and data management. Educational records maintained by each institution are subject to FERPA and the regulations promulgated under it.
10. BCCC will permit MSU to conduct on-campus information sessions at locations and on dates that are mutually agreeable.
11. BCCC and MSU agree to monitor the performance of this agreement and to revise it as necessary.
12. The agreement may be terminated by either party after adequate written notice, defined as one calendar year, at which time appropriate measures will be put into place regarding the continued transfer of students.
13. The office of record for program articulation agreements at Morgan State University is the Transfer Center. The office of record at Baltimore City Community College is the Office of Academic Operations and Services.

**For students following this agreement, the requirements listed below apply:**

1. Students must maintain a 2.0 cumulative grade point average in order to transfer to MSU. Should students choose to transfer prior to completion of the associate's degree, they will be responsible for meeting MSU eligibility requirements.
2. Morgan State University does not guarantee the transferability of courses taken outside the guidelines within this articulated agreement.
3. In order to be eligible for admission, students must comply with all MSU admissions requirements, including posted deadlines and submission of appropriate documentation.
4. Should this articulation agreement concern a program with additional admissions requirements or prerequisite coursework, students must have met all standards prior to enrollment at MSU.
5. Students shall apply for admission to Morgan State University, indicating Actuarial Science as the intended major. Applications for admission can be obtained by contacting: the Office of Admission and Recruitment at (443) 885-3000 or [http://www.morgan.edu/Admissions/Undergraduate\\_Admissions/Transfer\\_Applicants.html](http://www.morgan.edu/Admissions/Undergraduate_Admissions/Transfer_Applicants.html). All required application materials must be supplied by the deadline.
6. Students will automatically be nominated for scholarships for which they are eligible. \*For priority scholarship consideration, students must complete their admission application by November 15<sup>th</sup> for fall admission.
7. Students shall contact the Transfer Coordinator for their major for an advisement appointment once they have been admitted to MSU. The required credit hours must be successfully completed before Morgan State University can grant the degree. Each student's last thirty (30) credit hours must be completed at MSU.
8. Students completing an Arts and Sciences Transfer degree and applying to Morgan State University for the Actuarial Science will be considered for the Transfer Incentive Program (TIP). [http://www.morgan.edu/admissions/undergraduate\\_admissions/how\\_to\\_apply/transfer\\_applicants/transfer\\_incentive\\_program.html](http://www.morgan.edu/admissions/undergraduate_admissions/how_to_apply/transfer_applicants/transfer_incentive_program.html)

## APPENDICES

As part of this agreement, the following have been included:

1. Course-by-course articulations, including satisfaction of general education requirements at both Baltimore City Community College and Morgan State University.
2. Upper division requirements to be completed at Morgan State University.
3. An academic advising sheet showing requirements for completion of the degree at BCCC.

These appendices may be changed, by mutual agreement, after adequate notice, defined as one calendar year, without the procedural process review or revision of the entire articulation agreement.

## APPENDIX I-A: COURSE ARTICULATIONS

**Baltimore City Community College  
Arts and Sciences Transfer Degree  
Area of Concentration (Mathematics)  
and  
Morgan State University  
Bachelor of Science Degree  
Actuarial Science**

**Course by Course Equivalency  
(MSU Catalog 2016-2018 - BCCC Catalog 2016-2017)**

The following pages indicate the course-to-course equivalency, including General Education, as agreed within the articulation agreements.

<b>BCCC Course</b>	<b>Credits</b>	<b>MSU Equivalent</b>	<b>BCCC Notes</b>	<b>MSU Notes</b>
PRE 100	1	Elective		
ENG 101	3	ENGL 101		Satisfies EC category
HLF Elective	1	PHEC XXX		Must be physical activity
MAT 140	4	MATH 241		
PHI 104	3	PHIL 109 (CT)		Satisfies CT Category
SP 101	3	SPCH 101(AH)		Satisfies AH Category
CSC 108	3	INSS 141 (IM)		Satisfies IM Category
ECO 201	3	ECON 211 (SB)		Satisfies SB category
ENG 200	3	Elective (AH)		Satisfies AH Category
MAT 141	4	MATH 242		
MAT 107	3	MATH 205		
MAT 219	3	Elective		
H 101 or H 151	3	HIST 105 or HIST 101 (SB)		Satisfies SB Category
MAT 210	4	MATH 243		
PHY 203	5	PHYS 205 (BP)		
HLF Elective	1	Free Elective		
MAT 211	4	MATH 340		
MAT 212	4	MATH 312		
*PHY 204	5	PHYS 206 (BP)		Satisfies BP Category BIOL 101
<b>Total</b>	<b>60</b>			
*Courses that are defined as general education by one institution shall transfer as general education even if the receiving institution does not have that specific course or has not designated that course as general education (MHEC Student Transfer Policy)				

**APPENDIX II-A: UPPER DIVISION REQUIREMENTS**  
**Morgan State University**  
**(Catalog 2016-2018)**  
**Actuarial Science**

All transfer students will be required to take a minimum of 30 credits of upper division coursework at MSU. A minimum total of 120 credits are required for the degree. Completion of the Actuarial Science degree program at MSU requires students to successfully complete the following course work:

<b>Actuarial Science &amp; General Education Requirements</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Explanation</b>
<b>First Semester Course Recommendations</b>			
ASCS 130	Intro to Actuarial Science	3	
*ACSC 305	ACSC Prof Dev Adv I	0	
ENGL 102	Freshman Composition II (EC)	3	Gen Ed Requirement (EC)
ACCT 201	Principles of Accounting	3	
MATH 431	Math Theory of Stats I	3	
MATH 331	Applied Probability and Statistics	3	
ECON 212	Principles of Economics II	3	
<b>Total Credits</b>		18	
<b>Second Semester Recommendations:</b>			
ACCT 202	Principles of Accounting II	3	
MATH 337	Non Para Stat Methods I	3	
ACSC 346	Financial Mathematics	4	
FIN 343	Managerial Finance	3	
*ACSC 306	ACSC Prof Dev Adv II	0	
MATH 432	Math Theory of Stats II	3	
<b>Total Credits</b>		16	
<b>+Third Semester Recommendations:</b>			
MATH 333	App Reg & Time Analysis	3	
ACSC 405	ACSC Prof Dev Senior I	1	
HIST 350 (CT)	Intro to African Diaspora	3	Gen Ed Requirement (CT)
BUAD 361	Fund of Risk Management	3	
^XXX	Complementary Studies	3	BUAD 202
MATH 363	ACT & Stochastic Model I	3	
XXX HH	Health and Healthful Living	3	Gen Ed Requirement (HH)
<b>Total Credits</b>		19+	
<b>Fourth Semester Recommendations:</b>			
^XXX	Complementary Studies	3	BUAD 381
MATH 433	Prob Solving Tech & Apps	2	
BUAD 362	Life & Health Insurance	3	
FIN 344	Security Analysis	3	
MATH 450/490	Senior Sem/ ACSC Research	3	
MATH 364	ACT & Stochastics Model II	3	
ACSC 406	ACSC Prof Dev Senior II	1	
<b>Total Credits</b>		18	
All students, including transfer students, are required to pass all Proficiency and Senior Level Comprehensive Departmental Examinations to be eligible for graduation.			
^To satisfy the Complementary Studies for the Actuarial Science Degree, it is strongly recommended that students complete BUAD 202 Business Leadership Seminar and BUAD 381 Legal and Ethical Business			
*ACSC 305 and ACSC 306 are pass / fail courses for the Actuarial Science Program. All student must register and earn a grade of "P" in these course to earn the degree in this program. Transfer students must enroll in the Actuarial Science Professional Development course that is commensurate with their academic classification, as pertains to the Actuarial Science curriculum, at the time of transfer into the program. Students are strongly encouraged to meet with their Actuarial Science Academic Advisor to determine the appropriate course level.			
+Third Semester Recommendations: The regular class load limit for students in good standing is 18 credits except for students majoring in Engineering where the regular class load limit is 19 credits. Authorization for loads in excess of 18 credits must be secured from the Dean of the school or college in which a student is enrolled. The class load limit for students on probation is 13 credits. Students requesting to carry excess credits must secure a "Request for Excess Credit" form from the office of their respective dean and submit it to the Office of Records and Registration during the registration period.			
<b>Total credits to be taken at MSU</b>		<b>71</b>	<b>(131 total credits)</b>

**APPENDIX III-A: ACADEMIC ADVISING SHEET**  
**Baltimore City Community College**  
**(Catalog Year 2016-2017)**

Thank you for your interest in the articulated academic plan for the School of Computer, Mathematical and Natural Science. Successful completion of this program will ensure a smooth transition to Morgan State University's Bachelors of Science degree in Actuarial Science.

<b>Courses to take at Baltimore City Community College:</b>					
<b>Course</b>	<b>Course Title</b>	<b>Credit</b>	<b>Completed</b>	<b>Grade Received</b>	<b>Grade Required</b>
PRE 100	Preparation for Academic Achievement	1			D or better
ENG 101	English Writing	3			C or better
HLF Elective	Health and Life Fitness	1			D or better
MAT 140	Calculus	4			C or better
PHI 104	Logic and Critical Thinking	3			D or better
SP 101	Fundamentals of Speech Communication	3			C or better
CSC 108	Programming in C	3			C or better
ECO 201	The American Economy I	3			C or better
ENG 200	Introduction to Literature	3			D or better
MAT 141	Calculus II	4			C or better
MAT 219	Discrete Mathematics	3			C or better
H 101 or H 151	History of American Civilization I or World History I	3			D or better
MAT 210	Advanced Calculus	4			C or better
PHY 203	General Physics I	5			C or better
HLF Elective	Health and Life Fitness	1			D or better
MAT 211	Differential Equations	4			C or better
MAT 212	Linear Algebra	4			C or better
PHY 204	General Physics II	5			C or better
<b>Total</b>		<b>60</b>			

**Application Deadlines:**

Fall Semester: November 15<sup>th</sup> priority  
 Spring Semester: January 10<sup>th</sup>

**Application fee:**  
 \$35 Fee

**To be admitted you will need to have the following credits and grade point average (GPA) requirements:**

- 0-11 credits, a 2.0 GPA and meet high school requirements
- 12-23 credits, a 2.0 GPA and meet SAT requirements
- 24 or more credits, a 2.0 GPA

**For more information:**

Contact Office of Admission and Recruitment at 443-885-300 or visit online at <http://www.morgan.edu>.