

ARTICULATION AGREEMENT

Prince George's Community College
Associate of Arts General Studies
(Area of Concentration in Chemistry)

and

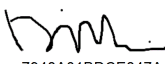
Morgan State University
Bachelor of Science Degree in
Chemistry

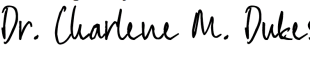
*ACS (American Chemical Society) or General / Pre-Professional

Entered into this 25th day of September 2017

Approved by:
Morgan State University


Approved by:
Prince George's Community College

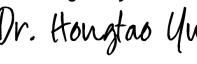
DocuSigned by:

7948A01BDCE847A
Dr. David Wilson
President
Morgan State University

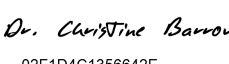
DocuSigned by:

4FC31951A961475...
Dr. Charlene M. Dukes
President
Prince George's Community College

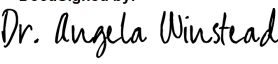
DocuSigned by:

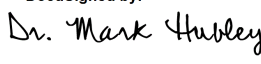
E8125DD6D7E849E...
Dr. Gloria Gibson
Provost and Vice President
for Academic Affairs

DocuSigned by:

AE8EA92D590E433...
Dr. Sandra Dunnington
Vice President for Academic Affairs

DocuSigned by:

CF232EA4867045A...
Dr. Hongtao Yu
Dean, School of Computer, Mathematical
and Natural Sciences

DocuSigned by:

02F1D4C1356642E...
Dr. Christine Barrow
Dean, Division of Sciences, Technology, Engineering
and Mathematics

DocuSigned by:

E70A5DEC8BEC480...
Dr. Angela Winstead
Chairperson, Chemistry

DocuSigned by:

1DBA90CC52B441B...
Dr. Mark Hubley
Chairperson, Natural Sciences and Engineering

This agreement is effective with new Morgan admits beginning in the spring 2018
This agreement will remain in effect until spring 2020

*Chemistry (ACS) - This major is accredited by the American Chemical Society. Students who plan to continue their studies in graduate and professional school should elect the ACS option. Students who plan to plan to pursue an advanced degree in health sciences may elect the General / Pre-Professional major in Chemistry.

ARTICULATION AGREEMENT

Prince George's Community College (hereafter referred to as PGCC), a community college in Prince George's County, Maryland, 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 degree in Chemistry.

PURPOSE OF AGREEMENT

This agreement is entered into in the interests of PGCC's and MSU's 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 Associate of Arts General Studies Program with an area of Concentration in Chemistry at PGCC. A maximum of seventy (70) credit hours from PGCC or another community college will be allowed towards fulfillment of the minimum one hundred and twenty (120) credit hours required for baccalaureate completion (Chemistry).
2. In accordance with the Code of Maryland Regulations, all courses meeting general education requirements at PGCC 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 PGCC and applied to the Associate of Arts 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 towards the total credits transferred into MSU. Official transcripts from all previously attended institutions will also be required.

5. Once the Associate of Arts degree is completed and the student has been admitted to MSU, the student will be instructed to contact the appointed academic advisor and register for classes. PGCC students that are following this agreement will be advised by the Director of Student Success and Recruitment in the School of Computer, Mathematics and Natural Sciences.
6. Students may complete the MSU curriculum part-time or full-time, online or face-to-face, or in any combination thereof.
7. 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.
8. PGCC will permit MSU to conduct on-campus information sessions at locations and on dates that are mutually agreeable.
9. PGCC will provide appropriate accommodations for the MSU recruiter to meet with students in a confidential environment. Prior notice will be required.
10. PGCC will allow MSU to distribute or place materials at campus information distribution points that will be mutually agreeable to both parties (e.g. kiosks, central information desks, bulletin boards, etc.).
11. PGCC 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 notice, defined as one calendar year, at which time appropriate measures will be put into place regarding the continued transfer of students. Students who have already entered MSU will be allowed to complete the program under the terms of this agreement.
13. The office of record for program articulation agreements at Morgan State University is the Transfer Center. The office of record at Prince George's Community College is the Office of the Executive Vice President and Provost of Teaching, Learning and Student Success.

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

1. Students must maintain a 2.0 cumulative grade point average at PGCC and complete the requirements for the Associate of Arts, Area of Concentration in Chemistry in order to transfer to MSU under the terms of this articulation agreement.
2. ORNS 106 – Freshman Orientation for Chemistry majors (1 credit) is not required for transfer students who transfer with a minimum of twenty-four (24) credits from the sending institution. Moreover, the transfer student must complete a minimum of one hundred and twenty- (120) credit hours to earn the Bachelor of Science degree in Chemistry.
3. Morgan State University does not guarantee the transferability of courses taken outside the guidelines within this articulated agreement.
4. In order to be eligible for admission, students must comply with all MSU admissions requirements, including posted deadlines and submission of appropriate documentation.
5. Students shall apply for admission to Morgan State University, indicating Chemistry 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_Applications.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 15th for fall admission. http://www.morgan.edu/honors_college/honors_scholarships/honors_college_scholarships.html
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.

APPENDICES

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

1. Course-by-course articulations, including satisfaction of general education requirements at both Prince George's 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 PGCC.

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
Prince George's Community College
Associate of Arts General Studies
(Area of Concentration in Chemistry)
and
Morgan State University
Bachelor of Science Degree - Chemistry
American Chemical Society (ACS) or General / Pre-Professional

Course by Course Equivalency
(MSU Catalog 2016-2018; PGCC Catalog 2017-2018)

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

PGCC Course	Credits	MSU Equivalent	NOTES
First Semester			
PAS 1000	1	Elective	
CHM 1010	4	CHEM 105/ CHEM 105L (BP)	
MAT 2410	4	MATH 241 (MQ)	
EGL 1010	3	ENGL 101 (EC)	
INT 1010	3	INSS 141 (IM)	Satisfies IM Gen Ed Category Satisfies COSC 110 requirement
Total Credits	15		
Second Semester			
CHM 1020	3	CHEM 106	
CHM 1030	2	CHEM 106 L	
MAT 2420	4	MATH 242	
EGL 1340	3	ENGL 355 (EC)	Satisfies EC Gen Ed Category Satisfies ENGL 102 requirement
BIO 1140	4	BIOL 105 (BP)	
Total Credits	16		
Third Semester			
CHM 2010	4	CHEM 203/CHEM 203L	
BIO 1130	4	BIOL 106	Recommends BIO 1130 to satisfy BIOL 106 requirement
General Education History (Social Science)	3	SB General Education	Satisfies SB Gen Ed Category
General Education Social Science other than History (Social Science)	3	SB General Education	Satisfies SB Gen Ed Category
Total Credits	14		
Fourth Semester			
CHM 2020	3	CHEM 204	
CHM 2040	2	CHEM 204L	
General Education Humanities (Humanities)	3	AH General Education	Satisfies AH Gen Ed Category
General Education Speech (Humanities)	3	AH General Education	Satisfies AH Gen Ed Category
PHY 1030	3	PHYS 205	Students will need to take PHYS 205L at MSU
PED XXX	1	PHEC XXX	MSU requirement – I credit physical activity
Total Credits	15		
Total	60		
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)			
<i>Students can transfer in a maximum of 70 credits</i>			

APPENDIX II-A: UPPER DIVISION REQUIREMENTS
Chemistry
ACS
(Catalog 2017-2018)

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 B.S. degree program in Chemistry (ACS) requires students to successfully complete the following course work:

Suggested Curriculum Sequence

Course Number	Course Title	Credit Hours	Explanation
First Semester			
PHYS 205L	University Physics I Lab	1	
XXX HH	Health and Healthful Living	3	General Education (HH)
CHEM 207	Quantitative Analysis	4	
^XXX XXX	Complementary Studies	3	
PHIL 109	Introduction to Logic	3	General Education (CT)
Total Credits		14	
Second Semester			
MATH 340	Intro to Differential Equations	3	
CHEM 304	Biochemistry	4	
CHEM 307	Physical Chemistry I	4	
PHYS 206 & 206L	University Physics II & Lab	5	General Education (CT)
Total Credits		16	
Third Semester			
CHEM 308	Physical Chemistry II	4	
CHEM 309	Physical Inorganic Chemistry	3	
^XXX XXX	Complementary Studies	3	
CHEM 300 or CHEM 401-402	Technical Presentations Undergraduate Research	1	
PHEC XXX	Physical Education	1	University Requirement
HIST 350	Introduction to African Diaspora	3	General Education (CI)
Total Credits		15	
Fourth Semester			
CHEM 312	Advanced Inorganic Chemistry	3	
CHEM 314	Instrumental Methods & Analysis	4	
CHEM 404	Senior Seminar	1	
CHEM 408	Advanced Inorganic Chemistry	4	
CHEM 407	Advanced Physical Chemistry	3	
Total Credits		15	
Total credits to be taken at MSU		60	
<p>* Students will need a minimum of 120 credits to satisfy degree and graduation requirements. ^All students earning degrees in programs in the School of Computer, Mathematical and Natural Sciences must complete a six-credit Complementary Studies Program of two (2) three-credit courses or any (credit) combination thereof totaling six credits, designed to broaden their college exposure and education. Courses used to meet the Complementary Studies requirement may not be used simultaneously to satisfy other requirements. In order to qualify for graduation, students must choose any two courses that are different from those already selected to satisfy their General Education Requirements and that are not included within their Major and University Requirements. <i>All students, including transfer students, are required to pass all Proficiency and Senior Level Comprehensive Departmental Examinations to be eligible for graduation</i></p>			

APPENDIX II-B: UPPER DIVISION REQUIREMENTS**Chemistry
General / Pre-Professional
(Catalog 2017-2018)**

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 B.S. degree program in Chemistry (General / Pre-Professional) requires students to successfully complete the following course work:

Suggested Curriculum Sequence

Course Number	Course Title	Credit Hours	Explanation
First Semester			
MATH 113	Math Analysis I	4	
XXX HH	Health and Healthful Living	3	General Education (HH)
CHEM 207	Quantitative Analysis	4	
PHYS 205L	University Physics I Lab	1	
PHIL 109	Intro to Logic	3	General Education (CT)
Total Credits		15	
Second Semester			
MATH 114	Math Analysis II	4	
PHYS 206 & 206L	University Physics II & Lab	5	
XXX XXX	Advised Elective	3	
PHEC XXX	Physical Education	1	University Requirement
CHEM 320	Polymer Chemistry	3	
Total Credits		16	
Third Semester			
CHEM 304	Biochemistry	4	
CHEM 309	Physical Inorganic Chemistry I	3	
^XXX XXX	Complementary Studies	3	
CHEM 300 or CHEM 401-402	Technical Presentations Undergraduate Research	1	
CHEM 307	Physical Chemistry	4	
Total Credits		15	
Fourth Semester			
XXX XXX	Advised Elective	3	
CHEM 404	Senior Seminar	1	
CHEM 408	Advanced Organic Chemistry	4	
HIST 350	Introduction to African Diaspora	3	General Education (CI)
^XXX XXX	Complementary Studies	3	
Total Credits		14	
Total credits to be taken at MSU		60	
<p>*Students will need a minimum of 120 credits to satisfy degree and graduation requirements.</p> <p>^ All students earning degrees in programs in the School of Computer, Mathematical and Natural Sciences must complete a six-credit Complementary Studies Program of two (2) three-credit courses or any (credit) combination thereof totaling six credits, designed to broaden their college exposure and education. Courses used to meet the Complementary Studies requirement may not be used simultaneously to satisfy other requirements. In order to qualify for graduation, students must choose any two courses that are different from those already selected to satisfy their General Education Requirements and that are not included within their Major and University Requirements.</p> <p><i>All students, including transfer students, are required to pass all Proficiency and Senior Level Comprehensive Departmental Examinations to be eligible for graduation</i></p>			

APPENDIX IV-A: ACADEMIC ADVISING SHEET
Prince George's Community College
(Catalog Year 2017-2018)

Thank you for your interest in the articulated academic plan for the Bachelor of Science in Chemistry. Successful completion of this program will ensure a smooth transition to Morgan State University.

Courses to take at Prince George's Community College:					
Course	Course Title	Credit	Completed	Grade Received	Grade Required
PAS 1000	First Year Experience	1			D or better
CHM 1010	General Chemistry I	4			C or better
MAT 2410	Calculus I	4			C or better
EGL 1010	Composition I: Expository Writing	3			C or better
INT 1010	Introduction to Information Technology	3			C or better
CHM 1020	General Chemistry II	3			C or better
CHM 1030	General Chemistry II Laboratory	2			C or better
MAT 2420	Calculus II	4			C or better
EGL 1340	Composition II: Writing About Technical Topics	3			C or better
BIO 1140	Principles of Biology: Cellular & Molecular Biology	4			C or better
CHM 2010	Organic Chemistry I	4			C or better
BIO 1130	Principles of Biology: Evolution, Ecology and Behavior	4			C or better
General Education	History (Social Science)	3			D or better
General Education	Social Science – Other than History (Social Science)	3			D or better
CHM 2020	Organic Chemistry II	3			C or better
CHM 2040	Organic Chemistry II Laboratory	2			C or better
General Education	Humanities – Other than Speech (Humanities)	3			D or better
General Education	Speech Course (Humanities)	3			C or better
PHY 1030	General Physics I	3			C or better
PED XXX	Physical Education	1			D or better
Total Credits		60			

Application Deadlines:

Fall Semester: Nov 15th priority / Feb 15th regular
 Spring Semester: January 15th

Application fee:
 \$35 online

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 443-885-3000

Or visit online <http://www.morgan.edu>