



ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Borough of Manhattan Community College

Department: Science

Program: Science

Degree: Associate of Science

Receiving College: Harpur College of Arts and Sciences, Binghamton University (SUNY)

Department: Biological Sciences

Program: Biological Sciences

Degree: Bachelor of Arts

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

Students with an A.A. or An A.S. degree must have a minimum of a 3.0 cumulative grade point average for acceptance to Binghamton University. Student below the 3.0 minimum GPA may be considered for conditional Acceptance when:

- All relevant transfer admissions criteria are met;
- Space is available in the entering class; and
- A completed application is received by March 15 for fall admission and November 15 for spring admission.

Harpur College requires at least 44 credits taken in residence at Binghamton University and a total of at least 126 credits (including transfer credit) to graduate. Courses must have a grade of C- or better to be accepted as transfer credit into Harpur College. Courses for some majors may require a higher grade to be accepted as credit toward the major.

A minimum of 24 credits in BIOL courses numbered 300-level and above, including the two core courses, must be taken at Harpur College in order to qualify for the B.A. degree.

Total transfer credits granted toward the baccalaureate degree: **60**

Total additional credits required at the senior college to complete baccalaureate degree: **66**

Total credits required to complete the baccalaureate degree: **126**

C. Transfer Credit Awarded

Borough of Manhattan Community College graduates who complete the Associate in Arts (A.S.) degree in Science will receive 60 credits toward the Bachelor of Arts (B.A) in Biology at Harpur College of Arts and Sciences, Binghamton University (SUNY). To be prepared to pursue the B.A. in Biology at Harpur College students must take the courses and science sequences indicated in the footnotes below.

Pathways Science Curriculum

<i>Common Core</i>	
Required Common Core	
English Composition	6
Mathematical & Quantitative Reasoning ¹	3
Life & Physical Sciences ²	3
<i>Total Required Common Core</i>	12
Flexible Core	
Creative Expression ³	6
World Culture & Global Issues: <i>Modern Foreign Language: French, Spanish, Italian or Chinese</i>	3
U.S. Experience in Its Diversity ⁴	3
Individual & Society ⁵	3
Scientific World ⁶	3
<i>Total Flexible Core</i>	18
<i>Total Common Core</i>	30
Curriculum Requirements	
Choose 1 sequence from the following introductory science sequences: ⁷ BIO 210 & BIO 220 – Biology I & II CHE 201 & CHE 202 – College Chemistry I & II PHY 210 & PHY 220 – Physics I & II	8
Choose 16 credits from the following: ⁸ BIO 210 & BIO 220 – Biology I & II CHE 201 & CHE 202 – College Chemistry I & II PHY 210 & PHY 220 – Physics I & II BIO 230 – Principles of Microbiology BIO 240 - Genetics CHE 120 – Fundamentals of Org. Chemistry CHE 205 – Quantitative Analysis CHE 230 & CHE 240 – Organic Chemistry I & II MAT 200 – Discrete Mathematics MAT 315 – Linear Algebra MAT 301 – Calculus I PHY 240 – Modern Physics SCI 120 – Computer Methods in Science SCI 140 – Introduction to Microprocessors SCI 430 – Scientific Instrumentation	16
Modern Foreign Language	3
Health Education Elective	3
<i>Total Curriculum Credits</i>	30
<i>Total Program Credits</i>	60

1. Students are required to take MAT 206. MAT 206 will receive elective credit at Harpur College.
2. Students are advised to take CHE 201. This will satisfy the GEN Ed laboratory science requirement.
3. Students are advised to take ART 251, MUS 102, MUS 103, or THE 100 to satisfy GEN Ed requirements.

4. Students are advised to take SOC 125, AFN 123 or AFN 124 to satisfy GEN ED requirements.
5. Students are advised to take SOC 100 or ANT 115/LIN 100 to satisfy GEN ED requirements.
6. Students are advised to take CHE 202.
7. Students are advised to take BIO 210 & BIO 220.
8. Students are advised to take CHE 230 & CHE 240 and PHY 210 & PHY 220. These courses satisfy major requirements. Any other courses will transfer in as elective credit.

D. Courses To Be Completed At The Senior College For The Baccalaureate Degree

Course and Title	Credits
<i>General Education (Liberal arts, Core, Distribution) and other Required Courses</i>	
Harpur Writing Requirement Courses	8-12
Global Interdependencies or Pluralism	4
Physical Activity	1
Social Science or Humanities	4
Oral Communication or Aesthetics	2-4
Foreign Language ⁹	0-4
Subtotal	19-29
<i>Prerequisite and Major Courses</i>	
MATH 147, MATH 148, BIOL 437, BIOL 438 or PSYC 243	4
1 Core Course in Cell & Molecular Biology: BIOL 401 or BIOL 311	4
1 Core Course in Ecology, Evolution, and Behavior: BIOL 351, BIOL 378 or (BIOL 355/BIOL 373- only one of these 2 can count toward major credit)	4
(2) BIOL 300/400 Level Courses	8
(2) BIOL 300/400 Level Courses with lab component	8
Subtotal	28
<i>Electives</i>	
Elective Courses	9- 19
Total Credits to be Completed at Harpur College	66
Total Credits Transferred from BMCC	60
Total Credits Required for the B.A. in Biological Sciences	126

9. Students who have completed a fourth-level high school language with a passing grade or third-level high school language with a Regents score of 85 or better (or, for students who did not take the Regents examination, a course grade of 85 or better) are considered to have completed two semesters of a college-level language and can fulfill the requirement by completing either the third semester college-level course of that language or the second semester college level course of a second foreign language.

*Go to the Foreign Language Requirement Calculator to determine how many courses you need to fill the requirement at:

<http://www.binghamton.edu/general-education/foreign-language/forlangform.html>

E. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

1. Procedures for reviewing, updating, modifying or terminating agreement:

When either of the degree programs involved in this agreement undergoes a change, the agreement will be reviewed and revised accordingly by faculty from each institution's respective departments, selected by their Chairpersons.

2. Procedures for evaluating agreement, i.e., tracking the number of students who transfer under the articulation agreement and their success:

Each semester Harpur College will provide the Borough of Manhattan Community College the following information: a) the number of BMCC students who applied to the program; b) the number of BMCC students who were accepted into the program; c) and the number of BMCC students who enrolled; d) the aggregate GPA of these enrolled students.

3. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisers, Websites, etc.:

This articulation agreement will be publicizing on the Borough of Manhattan Community College's website, and the Binghamton University website. Transfer advisers at BMCC will promote this agreement with eligible students.

F. Additional Information (e.g., financial aid, transfer scholarships).

Binghamton University extends scholarship opportunities to members of Phi Theta Kappa who have displayed above-average academic achievement in the community college setting. Binghamton University invites chapter members of PTK to apply for consideration for these competitive scholarships. **Scholarships are offered for new fall enrollment only and the deadline for consideration is March 15.**

Effective Date: Fall 2015