



## ARTICULATION AGREEMENT FORM

### A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Borough of Manhattan Community College (BMCC)  
Department: Science  
Program: Science for Health Professionals  
Degree: Associate of Science (AS)

Receiving College: LIU Brooklyn  
School of Health Professions  
Program: Health Science  
Degree: Bachelor of Science (BS)

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### B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

- Completion of the A.S. degree in Science for Health Professionals and a minimum GPA of 2.0
- Grade of C or better in freshman composition, its equivalent, or a higher-level English course
- Successful completion of a 3 credit college-level math course

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

Total additional credits required at the senior college to complete baccalaureate degree: **60**

Total credits required to complete the baccalaureate degree: **120**

### C. TRANSFER CREDIT AWARDED FROM THE ASSOCIATE DEGREE

BMCC graduates who complete the AS degree in Science for Health Professionals will receive 60 credits<sup>1</sup> toward the BS degree in Health Science at LIU Brooklyn.

| <b>Common Core</b>  |           |
|---|-----------|
| <b>Required Common Core</b>   | Credits   |
| <i>English Composition</i>  | 6         |
| <i>Mathematical &amp; Quantitative Reasoning</i>                        | 3         |
| <i>Life &amp; Physical Sciences</i> <sup>2</sup>                        | 3         |
| <i>Total Required Common Core</i>                                       | <b>12</b> |
| <b>Flexible Core</b>  |           |
| <i>Creative Expression</i>  | 3         |
| <i>World Culture and Global Issues</i>                                  | 3         |
| <i>US Experience in its Diversity</i>                                   | 3         |
| <i>Individual and Society</i> <sup>3</sup>                              | 3         |
| <i>Scientific World</i> <sup>4</sup>                                    | 6         |
| <i>Total Flexible Core</i>  | <b>18</b> |
| <b>Total Common Core</b>  | <b>30</b> |
| <b>Curriculum Requirements</b>  |           |
| CHE 122 – Fundamentals of General, Organic, and Biological Chemistry II | 4         |
| PHY 110 – General Physics   | 4         |
| 7 credits from the following:   | 7         |
| BIO 420 – Microbiology  |           |
| CHE 125 – Fundamentals of Biochemistry                                  |           |
| SCI 150 – Nutrition or HED 235 Nutrition for Health                     |           |
| SCI 151 – The Science of Food   |           |
| SCI 510 – Pathophysiology   |           |
| SCI 530 – Pharmacology  |           |
| <i>General Electives</i> <sup>5</sup>                                   | 15        |
| <b>Total Curriculum Credits</b>   | <b>30</b> |
| <b>Total Program Credits</b>  | <b>60</b> |

<sup>1</sup> Transfer credit will be accepted for grades of C or better. Grades of C- will be reviewed on a case-by-case basis by the academic unit and a determination will be made as to whether to accept the credit.

<sup>2</sup> Students must take CHE 121 - Fundamentals of General, Organic, and Biological Chemistry I in order to transfer to LIU under this agreement.

<sup>3</sup> Students must take HIS 101 or HIS 102 (Western Civilization) in order to transfer to LIU under this agreement.

<sup>4</sup> Students must take BIO 425 and BIO 426 (Anatomy and Physiology I & II) in order to transfer to LIU under this agreement.

<sup>5</sup> Some of these credits can be satisfied by taking STEM variants in the Common Core.

**D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE:**

Students will be required to take the following courses at LIU Brooklyn to complete the BS in Health Science.

| <i>Courses</i>   | <i>Credits</i>   |
|--|------------------|
| <b><i>Major Requirements</i></b>                         |                  |
| HS 300 – Intro Health Professions                        | 3                |
| HS 325 – Current Issues in Urban Health                  | 3                |
| HS 340 – Wellness and Nutrition                          | 3                |
| HS 355 – Diversity and Health Disparities                | 3                |
| HS 410 – Healthcare Org. and Delivery                    | 3                |
| HS 430 – Research in Health Prof.                        | 3                |
| HS 460 – Ethical and Legal Aspects of HC                 | 3                |
| HS 471 – Health Program Planning                         | 3                |
| HS 490 – Practicum                                       | 3                |
| <i>Total Major Requirements</i>                          | 27               |
| Additional Credits Needed to Earn Baccalaureate Degree   | 33               |
| <b>Total Credits transferred from BMCC</b>               |                  |
|  | 60               |
| <b>Total Credits to be Completed at LIU Brooklyn</b>     |                  |
|  | 60               |
| <b>Total Credits Required for B.S. in Health Science</b> |                  |
|  | 120 <sup>5</sup> |

<sup>5</sup> To graduate with a Bachelor of Science degree, students must complete a minimum of 120 credits with a grade point average of at least 2.00 in all their academic work and at least a 2.00 in their major fields, and have met all other graduation requirements. Of the 120 credits required for graduation, at least 48 credits must be in courses numbered over 100. The candidates for the Bachelor of Science degree must complete at least 60 credits in the liberal arts and sciences.

## **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 each institution.

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

Each semester LIU Brooklyn will provide BMCC with 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) the number of BMCC students who enrolled; and d) the aggregate GPA of these enrolled students.

Each semester, BMCC will provide LIU with a list of names and email addresses of students eligible to graduate from the BMCC program indicated in this agreement. LIU agrees to use this list *only once* to electronically contact eligible students.

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

This articulation agreement will be publicized on the BMCC website and the LIU Brooklyn website. Transfer advisors at BMCC will promote this agreement with eligible students.

BMCC will invite LIU to participate in one recruitment event per year at the BMCC campus, and will promote the event to eligible students. LIU will invite BMCC to participate in one recruitment event per year at the LIU campus specifically focused on BMCC students.

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

### **Scholarships**

BMCC transfer students, upon completion of the requirements of an A.S. in Science for Health Professionals with a GPA of 3.0 or higher, will be considered for all Transfer Scholarships and Merit Awards available (i.e., Presidential Honors Scholarship, Honors Scholarship, Merit Scholarship, Recognition Scholarship, etc.). Scholarships are based on GPA earned at the time of admission. Merit-based scholarships are subject to change and exact amounts may vary from semester to semester. All scholarships are awarded on a funds-available basis.

Entering students from BMCC covered by this agreement shall enjoy all other financial aid benefits and considerations where applicable in conformance of current guidelines and regulations in effect at LIU Brooklyn.

**Effective: Fall 2017**

## APPENDIX A

The following courses have been approved by the School of Health Professions for transfer credit from the AS degree in Science for Health Professionals from BMCC towards the BS in Health Science at LIU Brooklyn. Transfer credit will be accepted for grades of C or better. Grades of C- will be reviewed on a case-by-case basis and a determination will be made as to whether to accept the credit.

| <b>BMCC Course</b>   |     | <b>LIU Equivalency</b>   |     |
|--|-----|--|-----|
| <b>Required Common Core</b>  |     |  |     |
| <i>English Composition</i><br>ENG 101 English Composition<br>ENG 201 Introduction to Literature  | 6   | ENG 16 English Composition<br>ENG 61-64 (1 of) or COS 50   | 6   |
| <i>Mathematical &amp; Quantitative Reasoning</i><br>MAT 104, MAT 110, MAT 150, or MAT 2xx<br>or higher   | 3-4 | MTH 15, MTH 16, or MTH 30  | 3-4 |
| <i>Life &amp; Physical Sciences</i><br>CHE 121   | 4   | CHM 3, or CHM 3x   | 4   |
| <b>Flexible Core</b>   |     |  |     |
| <i>Creative Expression</i><br>SPE 100 or SPE 102   | 3   | SPE3 or SPE3x  | 3   |
| <i>World Culture and Global Issues</i>   | 3   | <i>Liberal Arts &amp; Science Elective</i>   | 3   |
| <i>US Experience in its Diversity</i><br>ANT 125, ECO 201, POL 100, SOC 125, SOC 129, SOC 150, or SOC 161  | 3   | <i>Social Science Choice</i><br>SOC 3, PSY 3, ANT 4, ANT 5, ECO 1, ECO 2, or POL 11                                    | 3   |
| <i>Individual and Society</i><br>ANT 115, ECO 100, ECO 202, HIS 101, HIS 102, or SOC 100   | 3   | HIS 1 or HIS 2 (recommended) or<br><i>Social Science Choice</i><br>SOC 3, PSY 3, ANT 4, ANT 5, ECO 1, ECO 2, or POL 11 | 3   |
| <i>Scientific World</i><br>BIO 425 Anatomy and Physiology I<br>BIO 426 Anatomy and Physiology II   | 8   | BIO 137 and BIO 138  | 8   |
| <b>Curriculum Requirements</b>   |     |  |     |
| CHE 122 Fundamentals of General, Organic, and Biological Chemistry II  | 4   | <i>Liberal Arts &amp; Science Credits</i>  | 4   |
| PHY 110 General Physics  | 4   | <i>Liberal Arts &amp; Science Credits</i>  | 4   |
| 7 credits from the following:<br>BIO 420 Microbiology<br>CHE 125 Fundamentals of Biochemistry<br>SCI 150 Nutrition or HED 235 Nutrition for Health<br>SCI 151 The Science of Food<br>SCI 510 Pathophysiology<br>SCI 530 Pharmacology | 7   | <i>Liberal Arts &amp; Science Credits</i>  | 7   |
| <i>General Electives</i>   | 15  | <i>Liberal Arts &amp; Science Credits</i>  | 15  |