

## ARTICULATION AGREEMENT BETWEEN

---

CUNY QUEENSBOROUGH COMMUNITY COLLEGE AND  
QUEENS COLLEGE

### A. SENDING AND RECEIVING INSTITUTIONS

Sending College: **CUNY Queensborough Community College**

Department: Biological Sciences and Geology

Programs: Biotechnology Degree: A.S., Biotechnology

Receiving College: **Queens College of the City University of New York**

Departments: Biology

Programs: Biology Degree: BA, Biology

### B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

(e.g., minimum GPA, audition/portfolio):

Associate of Science (AS) Degree holders from CUNY institutions are exempt from all Required Core, Flexible Core, and the third and fourth College Option (Science and Additional College Core) general education requirements at Queens College. To earn a Bachelor's Degree at Queens College, CUNY Associate Degree holders need to:

- complete at minimum 50% of the courses required for the major/minor in residence
- complete two College Option requirements (1 Literature and 1 Language) in residence
- two writing intensive units, one of which must be completed in residence
- other elective courses, if needed.

Determination of the 30 Liberal Arts credits required for the baccalaureate degree in accordance with New York State Education Department requirements will be made by Queens College.

Queensborough Community College graduates with the Associate Degree in Associate of Science in Biotechnology will receive 60\* credits toward the Bachelor of Art degree in Biology at Queens College. In addition, they will be deemed to have met all Required Core, Flexible Core, and the third and fourth College Options (Science and Additional College Core) general education requirements at Queens College.

Total transfer credits granted toward the baccalaureate degree: 60.<sup>1</sup>

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

---

<sup>1</sup> QCC Biology courses require C- as the passing grade for A.S. in Biotechnology.

### C. Articulation Agreement Follow-Up Procedures

#### 1. Procedures for reviewing, up-dating, modifying or terminating agreement:

This agreement will be reviewed annually by department chairs at both Queensborough Community College and Queens College and all relevant changes will be made as an amendment to this agreement. This agreement may be terminated at any time by either party.

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

Queens College will inform Queensborough Community College about the academic progress of transfer students.


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

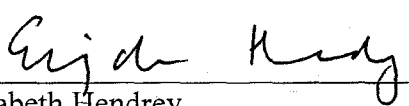
Notice of articulation will be placed in the respective catalogues, recruiting brochures, and websites. Respective transfer and academic advisors will be informed and provided with copies of this agreement. The Queens College Enrollment Management division will attend recruiting events on-campus at Queensborough Community College regularly.

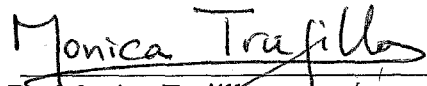
### D. Additional Information

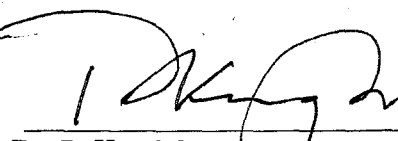
This agreement is deemed to be consistent with the CUNY Pathways general education curriculum, and will be updated whenever necessary in keeping with changes in the Pathways curriculum.

Effective Date: -

  
Dr. Paul Marchese  
Provost and Vice President for Academic Affairs  
Queensborough Community College

  
Dr. Elizabeth Hendrey  
~~Acting~~ Provost and ~~Senior~~ Vice President  
for Academic Affairs  
Queens College

  
Dr. Monica Trujillo  
Chair, Department of Biological Sciences  
and Geology  
Queensborough Community College

  
Dr. PoKay Ma  
Chair, Department of Biology  
Queens College

**PATHWAYS – A.S., Biotechnology at Queensborough Community College, to BA to B.A. in Biology at Queens College**

<i>Course-to-Course Equivalencies and Transfer Credit Awarded</i>				
<b>Common Core, Queensborough Community College</b>	credits	<b>Common Core, Queens College</b>		credits
Required Core: I. A: English Composition I, II (EN 101 & 102)	6	ENG 110, ENG 130	I. A	3/3
Required Core: I. B: Mathematical & Quantitative Reasoning (required MA 441)*	4	MATH 151	I. B	4
Required Core: I. C: Life & Physical Sciences (required BI 201)*	4	BIOL 105	I. C	4
Flexible Core: II. A: World Cultures & Global Issues (select 1 course)	3	II. A	II. A	3
Flexible Core: II. B: U. S. Experience in Its Diversity (select 1 course)	3	II. B	II. B	3
Flexible Core: II. C: Creative Expression (select 1 course)	3	II. C	II. C	3
Flexible Core: II. D: Individual & Society (select 1 course)	3	II. D	II. D	3
Flexible Core: II. E: Scientific World (required CH 151)*	4.5	CHEM 1131/1134	II. E	5
Flexible Core: II A, B, C, D, or E (required CH 152)*	4.5	CHEM 1141/1144	II. E	5
<b>Subtotal</b>	<b>35</b>		<b>Subtotal</b>	<b>36</b>
<b>Major</b>		<b>Major</b>		
BI 201 General Biology I	4	BIOL 105	General Biology I	4
BI 202 General Biology II	4	BIOL 106	General Biology II	4
BI 453 Biotechnology	5	BIOL 262	Techniques in Molecular Biology	3
		BIOL 499	Elective	2 <sup>†</sup>
BI 356 Principles of Genetics	4	BIOL 285	Principles of Genetics	4
BI 357 Bioinformatics	3	BIOL 385.3	Bioinformatics	3
BI 554 Research Laboratory Internship	2	BIOL 499	Elective	2 <sup>†</sup>
<b>Subtotal</b>	<b>22</b>		<b>Subtotal</b>	<b>22</b>
<b>Additional Major's Requirements</b>		<b>Additional Major's Requirements</b>		
HE 102 Health, Behavior and Society and 1 course from PE 400 series	3	HE 201 & PE	Free Elective	3
BI 461 General Microbiology	4	BIOL 201	General Microbiology	4
<b>Subtotal</b>	<b>7</b>		<b>Subtotal</b>	<b>7</b>
<b>Elective(s)</b>		<b>Elective(s)</b>		
Free electives	0 – 1	Free electives		2
<b>Subtotal</b>	<b>0</b>		<b>Subtotal</b>	<b>2</b>
<b>Total</b>	<b>60 – 65</b>		<b>Total</b>	<b>60 – 67</b>
<p>*Some courses fulfill both general education and major's requirements. If students do not take the required courses in the Common Core, they will have to take additional credits to complete degree requirements.  <b>Note:</b> Students must complete 2 WI designated courses to fulfill degree requirements.</p>		<p><sup>†</sup>BIOL 499 may not be applied towards Biology major's requirements at Queens College, but will be applied towards B.A. degree requirements.</p>		

**ARTICULATION AGREEMENT**

**QUEENSBOROUGH COMMUNITY COLLEGE – QUEENS COLLEGE**  
**BIOTECHNOLOGY A.S. TO BIOLOGY B.A.**  
 Post-Transfer Course of Studies at Queens College

<b>Semester I</b>		<b>Semester II</b>	
<i>course</i>	<i>credits</i>	<i>course</i>	<i>credits</i>
Organic Chemistry I (Chem 251)	5	Organic Chemistry II (Chem 252)	5
College option	3	College option	3
Writing intensive unit	3	Biology major's elective <sup>†</sup>	4
Biology major's elective <sup>†</sup>	4	Writing intensive unit	3
<hr/>		<hr/>	
Total	15	Total	15
<b>Semester III</b>		<b>Semester IV</b>	
<i>course</i>	<i>credits</i>	<i>course</i>	<i>credits</i>
Biology major's elective <sup>†</sup>	4	Biology major's elective <sup>†</sup>	4
Biology major's elective <sup>†</sup>	4	Biology major's elective <sup>†</sup>	4
Other elective <sup>†</sup>	3	Other elective <sup>†</sup>	3
Other elective <sup>†</sup>	3	Other elective <sup>†</sup>	3
Other elective <sup>†</sup>	3		
<hr/>		<hr/>	
Total	17	Total	14

<sup>†</sup>There are no predefined electives. Depending on individual interests and career plans, students may choose from a suite of courses to fulfill Biology major's and degree requirements from courses that are being offered each semester.