

The City University of New York
Articulation Agreement Between
Queensborough Community College
and
Queens College

A. Sending and Receiving Institutions

Sending Institution: Queensborough Community College (QCC)
Department: Chemistry
Program: Liberal Arts and Sciences (Mathematics and Science)
Degree: Associate of Science (A.S.)

Receiving Institution: Queens College (QC)
Department: Chemistry and Biochemistry
Program: Chemistry
Degree: Bachelor of Arts (B.A.)

B. Admission Requirements for Senior College Program

Students must complete the A.S. in Liberal Arts and Sciences (Mathematics and Science) at Queensborough Community College and be admitted to Queens College. Upon transfer, students must declare a major in Chemistry.

To earn a B.A. in Chemistry at Queens College, students must have a grade of C or higher in the courses specified as prerequisites. To graduate as a chemistry major, a student must earn at least a C average (2.0) for all courses that make up the concentration in chemistry.

Total transfer credits granted toward the baccalaureate degree: 60 credits. Total additional credits required at the Queens College to complete the baccalaureate degree: 60

C. Course-to-Course Equivalencies and Transfer Credit Awarded

Queensborough Community College		Queens College		
Course and Title	Credit	Course and Title	Credit	Transfer Credits Awarded
Common Core Requirements		Course Equivalency		
Required Core 1A: ENGL-101 English Composition I ENGL-102 English Composition II	3 3	English Composition 1 and 2: ENGL 110 College Writing I ENGL 130 Writing about Literature in English	3 3	3 3
Required Core 1B: MA-119 College Algebra ^{1,2}	3	Math and Quantitative Reasoning MATH 115 College Algebra for Precalculus	3	3
Required Core 1C: CH-151 General Chemistry I ₁	4.5	Life and Physical Sciences: CHEM 113 General Chemistry I and Lab	5	4.5
Flexible Core 2A: One course in History or Social Sciences is recommended for either 2A or 2D	3	World Cultures and Global Issues	3	3
Flexible Core 2B: SP-211 Speech Communication ₁ recommended	3	US Experience in Its Diversity	3	3
Flexible Core 2C: Select one course	3	Creative Expression	3	3
Flexible Core 2D: One course in History or Social Sciences is recommended for either 2A or 2D	3	Individual and Society	3	3
Flexible Core 2E: CH-152 General Chemistry II ₁	4.5	Scientific World: CHEM 114 General Chemistry II and Lab	5	4.5
Additional Flexible Core Course: CH-251 Organic Chemistry I	5	Additional Flexible Core Course: CHEM 251 Organic Chemistry I and Lab	5	5
Subtotal	35	Subtotal	36	35
Requirements for the Major³		Course Equivalency		
Math Requirement: Students must complete MA-441 and any prerequisites that are required based on their math placement ²				
MA-121 Trigonometry	1	Elective Credit	1	1
MA-440 Pre-Calculus Mathematics	4	MATH 122 Precalculus	4	4
MA-441 Analytic Geometry and Calculus I	4	MATH 151 Calculus/Differentiation and Integration	4	4
Subtotal	0-9	Subtotal	0-9	
QCC Major Electives³ (recommended choices)				
MA-442 Analytic Geometry and Calculus II	4	MATH 152 Calculus/Integration and Infinite Series	4	4
BI-201 General Biology I	4	BIOL 105 General Biology: Physiology and Cell Biology	4	4
CH-252 Organic Chemistry II	5	CHEM 252 Organic Chemistry II and Lab	5	5
PH-421 General Calculus Physics A	5	PHYS 145 Principles of Physics I and Lab	5	5
PH-422 General Calculus Physics B	5	PHYS 146 Principles of Physics II and Lab	5	5
Subtotal	10-20	Subtotal	10-20	
Additional Requirements		Course Equivalency		
History or Social Science Course ⁴	3	Equivalent based on QCC course taken	3	3
HE-101 Introduction to Health Education or HE-102 Health, Behavior, and Society	1-2	Elective Credit	–	1-2
One credit in PE-100, PE-500, or DAN-100 series (one credit courses only)	1	Elective Credit	–	1
Subtotal	5-6	Subtotal	5-6	
Total	60	Total	60	60

Notes:

1. Students are required to take particular courses in some areas of the Common Core that fulfill both general education and major requirements at QCC. If students do not take the required courses in the Common Core, they will have to take additional credits to complete their degree requirements.
2. Students who place into MA-440 or MA-441 will use that course to satisfy Required Core 1B. A higher math placement will allow students to take additional Major Requirement courses.
3. Students must complete two course sequences in at least two different subject areas (biology, chemistry, computer science, mathematics, and physics). For students following this agreement, one two course sequences in chemistry (CH-251 and CH-252) and one in mathematics (MA-441 and MA-442) are recommended.
4. If taken in the Common Core, an additional course in concentration is recommended.

All Queensborough Community College students must complete at least two writing intensive courses, designated as “WI” in the course schedule. Transfer students must take at least one writing intensive course at Queens College, designated W, but this can overlap with the College Option Literature requirement and does not add to the required number of credits.

D. Senior College Courses Remaining for Baccalaureate Degree

Course and Title	Credits
College Option General Education Courses	
One Literature Course (LIT)	3
One Language Course (LANG)	3
Major Courses ₁	
CHEM 331.3 and 331.1 Inorganic Chemistry	4
CHEM 211 Chemical Thermodynamics and Kinetics	4
Physics 145.4 and 145.1 Principles of Physics I (if PH-421 not taken at QCC)	5
CHEM 212 Quantum Chemistry and Spectroscopy	4
Physics 146.3 and 146.1 Principles of Physics II	5
CHEM 341.3 and 341.1 Instrumental Methods	4
CHEM 371 Biochemistry I	4
..... Select 2 additional CHEM major electives	8
Subtotal	44
Additional course work to reach 120 credits	16
Total credits to be earned at Queens College	60

Notes:

1. Students who have not completed all of the major elective courses in the Table in Part C above while at QCC must complete the remaining courses at QC.

Students must complete a minimum of 45 credits in residence at QC during the student's undergraduate career, and at least 30 of the last 64 credits credited toward the degree taken at Queens or the CUNY Graduate Center. Students must earn a cumulative GPA of at least 2.0 based only on work done at Queens College to graduate.

E. Summary of Credits Required

Total credits to be earned at Queensborough Community College	60
Total credits to be earned at Queens College	60
Total credits required for the B.A. degree	120

F. Articulation Agreement Follow-up Procedures

Procedures for reviewing, updating, modifying, or terminating the agreement:

This agreement will be valid for 3 academic years from the Effective Date (below). Each year, there will be a review of the agreement's effectiveness by the Academic Affairs Officers at each institution.

When any of the programs within this agreement undergo any changes relevant to this agreement, this agreement will be reviewed and revised as necessary by the Curriculum Committees of both the sending and receiving program.

Either party may independently cancel this agreement by notifying the other party no less than one academic year before the intended date of cancellation.

Procedures for evaluating agreement:

The academic department, advisement centers, and Offices of Institutional Effectiveness from each campus will keep data on the academic progress of the transfer students. Upon request, Queens College will provide Queensborough Community College with names and academic status of all recent transfer students from QCC pursuing the abovementioned bachelor's degree program.

Sending and receiving college procedures for publicizing agreement:

Queensborough Community College and Queens College will collaborate in publicizing this agreement on their websites and in their catalogs. They will share brochures and other marketing materials including web-based promotions. Transfer advisors will be made aware of this agreement and will have available all necessary materials to publicize the agreement to the students with whom they work.

Members of the Senior College Enrollment Management Division will have this agreement and attend recruitment events at the Sending Institution. They will be assisted by the Office of Academic Affairs and the Transfer Resource Center at Queensborough Community College.

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. Queens College requires 6-7 credits of additional Pathways classes as part of the College Option, which includes a literature and a language requirement, as well as two Writing Intensive (W) units, with a minimum of one in residency. Writing Units may overlap with other requirements. According to the specifics in this agreement, students will complete a minimum of 60 credits at each institution; however, students who transfer into Queens with more than 60 credits must complete at least 45 credits at Queens College to earn a Queens College degree.

Effective Date: Fall 2020

For Queensborough Community College:

Timothy G. Lynch, Ph.D. Aug 24, 2020
Timothy G. Lynch, Ph.D. (Aug 24, 2020 13:54 EDT)

Timothy Lynch, Ph.D. Date
Provost and Senior Vice-President
for Academic Affairs

Michael Pullin Sep 1, 2020
Michael Pullin (Sep 1, 2020 14:26 EDT)

Michael Pullin, Ph.D. Date
Associate Dean of Academic
Affairs

Sasan Karimi Aug 25, 2020
Sasan Karimi (Aug 25, 2020 18:37 EDT)

Sasan Karimi, Ph.D. Date
Chair, Department of Chemistry

For Queens College:

Elizabeth Hendrey PhD Aug 28, 2020
Elizabeth Hendrey PhD (Aug 28, 2020 13:25 EDT)

Elizabeth Hendrey, Ph.D. Date
Provost and Senior Vice President for
Academic Affairs

Alicia Alvero Aug 28, 2020
Alicia M. Alvero (Aug 28, 2020 11:28 EDT)

Alicia Alvero, Ph.D. Date
Associate Provost

Seojoo Jang Sep 1, 2020
Seojoo J Jang (Sep 1, 2020 14:24 EDT)

Seojoo Jang, Ph.D. Date
Chair, Department of Chemistry and
Biochemistry