

**Kingsborough Community College and Brooklyn College
Transfer Articulation Agreement B.S. Chemistry**

Agreement initiated by: Brooklyn College, City University of New York

Sending College: Kingsborough Community College, City University of New York
Department: Chemistry; Program: ; Degree: A.S. in Chemistry

Receiving College: Brooklyn College, School of Natural and Behavioral Sciences, City University of New York Department:
Chemistry; Program: Chemistry; Degree: B.S. in Chemistry

ADMISSION REQUIREMENTS

For admission into the Bachelor of Science in Chemistry at Brooklyn College (BC), a candidate:

- Must have a minimum 3.0 cumulative grade point average (GPA) on a 4-point scale to be reviewed for admission.
- Will be granted, upon acceptance into the BS in Chemistry Program at BC, a total of 60 credits for the A.S. Degree in Chemistry from Kingsborough Community College (KCC).

TRANSFER CREDITS

- Courses completed at KCC that are deemed equivalent to the B.S. in Chemistry required courses will be transferrable provided a minimum grade of “C” is achieved.
- A minimum of thirty (30) credits of which at least twenty-five (25) credits must be in the student's major area of study must be completed at BC.
- Each transferring student is required to schedule an appointment for registration through the SMART system. At this appointment they meet with an advisor from the Center for Academic Advisement and Student Success (CAASS), who will clarify and chart initial progress toward degree completion. Subsequent to this first advisement meeting, each transfer student will be directed to the undergraduate advisor of the Chemistry department at which time the student will be advised and provided with a program plan for graduation. The program plan will illustrate how to complete the B.S. in Chemistry degree, with every effort made to ensure timely degree completion – usually two years of full-time study or its part-time equivalent.
- All students transferring to BC are accountable for academic policy and procedure related to admission to the College, declaration of major/minor, and degree completion, as specified in the BC Undergraduate Catalog at the time of entry and at the time of official declaration of major as appropriate.
- The table on the following pages indicates the courses required for completing the B.S. in Chemistry at BC.

		KCC	BC	Total
GENERAL EDUCATION		Course Title		
Required Core		13		
English Composition	ENG12	3		
	ENG 24	3		
Mathematical and Quantitative Reasoning	MAT 1500 Calculus I	3		
Life and Physical Sciences	CHM 1100 General Chemistry	4		
Flexible Core		20		
World Cultures and Global Issues (1 course)	Selected by the student	3		
U.S. Experience in its Diversity (1 course)	Selected by the student	3		
Creative Expression (1 course)	Selected by the student	3		
Individual and Society (1 course)	Selected by the student	3		
Scientific World (1 course)	CHM 1200 General Chemistry II	4		
Three credits in any of the above categories	PHY 1300 Advanced General Physics I	4		
College Option		0	6	6
Two courses from the College Option			3	3
			3	3
A.S. in Chemistry		27		27
CHM 3100 Organic Chemistry I		5		5
CHM 3200 Organic Chemistry II		5		5
PHY 1400 Advanced General Physics II		4		4
MAT 1600 Calculus II		3		3
Advanced Elective Credits in CHM, EGR, EPS, PHY, or SCI		10		10
B.S. Chemistry			30	30
A college-wide minimum of 24 credits in advanced courses in chemistry must be completed at Brooklyn College with a grade of C- or higher in each course.				
CHEM 2110 Principles of Chemical Reactivity			2	2
CHEM 3415W Analytical Chemistry			5	5
MATH 2201 Multivariable Calculus			4	4
CHEM 4610 Physical Chemistry 1			5	5
CHEM 4620 Physical Chemistry 2			5	5
CISC 1115 or MATH 1501 or MATH 2501 or an Advanced Chemistry Elective**				
**if this option is chosen, this course cannot be used to satisfy any other requirements of the major listed below				
Advanced Chemistry Electives			9	9
CHEM 2700, 3420, 4530, 4550, 4570, 4571, 4572, 4580, 4581, 4640, 4720, 4760, 4761, either 4780 or 4790				
TOTAL CREDITS		60	36	96

****Please note: Although completing all course requirements for the Chemistry A.S. / B. S. degree sequence will result in a total credit count of 96 credits, students will still need to reach 120 credits in order to graduate from Brooklyn College. This 120-credit count can be obtained by taking elective courses, completing research courses or completing another major or minor.**

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

- The Department Chairpersons from both programs will review the agreement annually. They will be expected to review student retention, progress to graduation including transitions between prerequisite and transfer courses, degree completion, and GPA. Modification or termination of this agreement requires the approval of both Chief Academic Officers from both institutions.
- Should the agreement be modified or terminated, BC shall honor the terms granted to students who have already been accepted into and or transferred into the B.S. in Chemistry program for a period of four years or graduation, whichever comes first.
- The BC Registrar and the Chemistry Program Chair shall produce reports of the metrics identified above and circulate to the following groups at both institutions:
 - Chief Academic Officer, Dean of Curriculum, Chair of the Chemistry Department, Director of Student Services, Director of Career Services, and Director of Admission and Advisement.

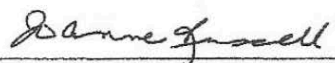
Brooklyn College and Kingsborough Community College will publicize this opportunity for students in print and web-based materials and in marketing information. Additionally, both institutions will provide information to their own recruitment staff members as well as staff at the University Office of Admission Services. BC will attend recruiting events on-campus at Kingsborough Community College regularly.

Effective date: Fall 2019

Signatures

Kingsborough Community

College, CUNY

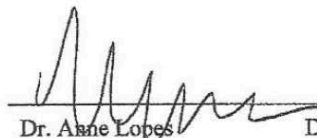
 8/6/2019

Dr. Joanne Russell Date
VP for Academic Affairs & Provost

 7/17/2019

Professor John Mikalopas Date
Chairperson, Department of Chemistry

Brooklyn College
School of Natural and Behavioral Sciences,
CUNY



Dr. Anne Lopes Date
Provost & Senior VP for Academic Affairs

 07/01/2019

Professor Maria Contel Date
Chairperson, Department of Chemistry