

	KCC	BC	Total
GENERAL EDUCATION			
	13		
	3		
	3		
	3		
<i>Flexible Core</i>	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		
<i>College Option</i>	0	6	6
Two courses from the College		3	3
		3	3
A.S. in Chemist	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 credit count of 96 credits, students will still need to reach 120 credits in order to graduate from Brooklyn College. This credit count can be obtained by taking elective courses, completing research courses or completing another major or minor.

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Effective date: Fall 2019

Kingsborough Commu

College, CUNY

School of Natural and Environmental Sciences
CUNY

Joanne Russell 8/6/2019

Dr. Joanne Russell

Date

Anne Lopes

Dr. Anne Lopes

Vice President for Academic Affairs & Provost

Provost & Senior Vice President for Academic Affairs

John ...

Chairperson, Department of Chemistry

...

Chairperson, Department of Chemistry