



NEW YORK CITY COLLEGE OF TECHNOLOGY
OF THE CITY UNIVERSITY OF NEW YORK
300 JAY STREET • BROOKLYN
NEW YORK 11201-2983
Chemistry Department
Room P-618, Tel: (718) 260-5850

A.S. in Chemical Technology - B.A. Degree in Chemistry
Articulation Agreement with Brooklyn College

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: New York City College of Technology (City Tech)
Department: Chemistry Department
Program: CHEMICAL TECHNOLOGY
Degree: Associate in Science (AS)

Receiving College: Brooklyn College (BC)
Department: Chemistry Department
Program: CHEMISTRY
Degree: Bachelor of Arts (BA)

B. ADMISSION REQUIREMENTS FOR BROOKLYN COLLEGE PROGRAM

A student must have a 2.5 average or better (or departmental approval otherwise) and have completed all requirements for the AS in Chemical Technology at New York City College of Technology (City Tech).

Students who wish to transfer but do not meet all of the above requirements or are unable to enroll within two years after graduation will receive admission consideration under Brooklyn College's standard transfer credit policies.

Total transfer credit granted toward baccalaureate degree: 60

Total additional credits required by senior college to complete baccalaureate degree: 60

In order to satisfy the BA degree requirements, students must select the appropriate general education common core and flexible core courses to satisfy CUNY pathway requirements for the degree program.

BC and City Tech agree to offer the courses noted in the BA program in Chemistry (BC) and AS Chemical Technology program (City Tech), as described in this agreement, and as outlined in each college's course catalog. Each college agrees to notify the other if course numbers, content, or catalog descriptions change. Furthermore, the parties involved understand that any change in course number, content, or catalog description may require a modification to this agreement.

C. COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

Students transferring from City Tech with an AS in Chemical Technology shall enter the BA Program in Chemistry at Brooklyn College as juniors. The following courses, totaling 60 credits, will be transferred to Brooklyn College.

ASSOCIATE IN SCIENCE IN CHEMICAL TECHNOLOGY

COMMON CORE		
Required Common Core		
English Composition	ENG 1101 & ENG 1121	6
Math. and Quantitative Reasoning	MAT 1475: Calculus I	4
Life/Physical Sciences	CHEM 1110/1110L: General Chemistry I with lab	4
<i>Total Required Common Core</i>		14
Flexible Core		
World Cultures & Global Issues	any approved course	3
US Experiences in Its Diversity	any approved course	3
Creative Expression	any approved course	3
Individual and Society	any approved course	3
Scientific World	CHEM 1210/1210L: General Chemistry II with lab	4
One additional Flexible Core course	any approved course	3
<i>Total Flexible Core</i>		19
<i>Total Common Core</i>		33
PROGRAM SPECIFIC DEGREE REQUIREMENTS		
CHEM 2223/2223L	Organic Chemistry I with lab	5
CHEM 2323/2323L	Organic Chemistry II with lab	5
PHYS 1441/1441L	General Physics I: Calculus Based with lab	5
PHYS 1442/1442L	General Physics II: Calculus Based with lab	5
Science Elective		
Science Elective I & II	choose from approved list	8
<i>Total Curriculum Requirements</i>		28
Total Program Credits		61

Writing Intensive (WI) Requirement: Students at New York City College of Technology must complete two courses designated WI for the associate level, one from Gen Ed Common Core and one from the major.

TOTAL NUMBER OF CREDITS TRANSFERRED

60*

With completion of the Associates Degree, only 60 credits will transfer to Brooklyn College.

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BA DEGREE

Students transferring to the BA program in Chemistry at BC from the AS program in Chemical Technology at City Tech will be required to satisfactorily complete the following courses (totaling 60 credits) at BC.

COLLEGE OPTION REQUIREMENTS		
Two 3-credit 3000 level CORC courses, in two different subject areas below: <ul style="list-style-type: none"> • Exploring Literature (CORC 3101-3199) • Exploring Global Connections (CORC 3201-3299) • Exploring Science (CORC 3301-3399) 		6
<i>Total College Option Requirements</i>		6
PROGRAM REQUIREMENTS		
CHEM 3415W	Analytical Chemistry	5
CHEM 4600 or CHEM 4610	Physical Chemistry for the Health Professions OR Physical Chemistry I	3 or 5
MATH 1206	Calculus II	4
<i>Total Curriculum Requirements</i>		12-14
ELECTIVES		
5 credits from the following options: CHEM 2700, 3420, 4530, 4550, 4570, 4571, 4580, 4581, 4620, 4640, 4720, 4760, 4761, either 4780 or 4790		5
To meet college residency requirements, a minimum of 15 credits in advanced courses in the Department of Chemistry must be completed at Brooklyn College with a grade of C- or better. If students complete Program Requirements and Electives without completing 15 credits Chemistry courses at Brooklyn College, they may need to take an additional advanced course (numbered 2700 or higher) to satisfy this requirement.		
Additional courses at Brooklyn College to meet the following criteria: <ul style="list-style-type: none"> • A total of 120 credits, with an average GPA of 2.00 or higher. These courses may either be taken at Brooklyn College or transferred to it. • The last 18 credits taken toward the degree must be taken at Brooklyn College. 		
<i>Total Elective Credits</i>		40-42
Total Program Credits		60

TOTAL DEGREE CREDITS TO BE TAKEN AT BROOKLYN COLLEGE 60

TOTAL CREDITS FOR THE BA DEGREE 120

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 faculty from each institution's respective departments or programs, selected by their Chairpersons and program directors.

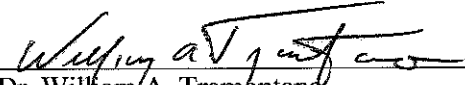
2. Procedures for evaluating the effectiveness of this agreement and tracking the number of students who transfer from City Tech to BC under terms of this articulation agreement and their success:

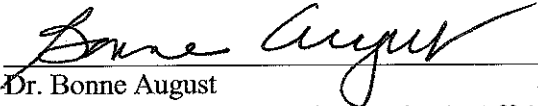
Each year, Brooklyn College will provide New York City College of Technology the following information: a) the number of City Tech graduates who applied to the program; b) the number of City Tech students who were accepted into the program; c) and the number of City Tech students who enrolled; d) the aggregate GPA of these enrolled students at Brooklyn College.


3. Sending and Receiving College procedures for publicizing agreement (e.g., college catalogs, transfer advisors, websites, etc.):

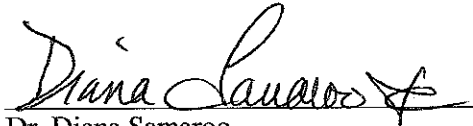
- This articulation agreement will be publicized on the New York City College of Technology's website and Brooklyn College's website.

Effective Agreement Date: Fall 2015


Dr. William A. Tramontano
Provost and Senior Vice President for
Academic Affairs
Brooklyn College


Dr. Bonne August
Provost & Vice President for Academic Affairs
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