

TRANSFER APPLICATION INFORMATION:

Direct Admissions: Walk-in applications for admissions are welcome. Typically, Direct Admission is available once registration for the upcoming semester opens. We urge you to apply as early as possible. Information on City Tech's Direct Admission is available at: <http://www.citytech.cuny.edu/directadmissions/>

You may also apply through the University Application Processing Center (UAPC):

UAPC Application Due Dates:

February 1 for fall admission, September 15 for spring admission.

For detailed information on applying through UAPC, visit:
<http://www2.cuny.edu/admissions/undergraduate/apply/>

Current CUNY students are exempt from paying the UAPC transfer application fee.

Course descriptions and/or syllabi may be required for transfer equivalency of additional courses that could be applied towards BS requirements.

QUESTIONS? CONTACT US

Science Department

Dr. Daniel Torres

Science-Applied Chemistry Faculty Transfer Coordinator at BMCC

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Dept. Website: <https://www.bmcc.cuny.edu/academics/departments/science/>

NSF HSI IUSE Transfer Success Program

Dr. Pamela Brown, Associate Provost (Principal Investigator)

Ms. Laura Yuen-Lau, Program Manager

Phone: 718-260-5973

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Website: <https://www.citytech.cuny.edu/nsf-hsi-iuse-program/>

Department of Chemistry

New York City College of Technology

Prof. Diana Samaroo, Chair

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Brooklyn, NY 11201

Phone: 718-260-5853

Dept. Website: <http://www.citytech.cuny.edu/chemistry/>

Articulation Agreement Website: (School of Arts and Sciences)
<http://www.citytech.cuny.edu/academics/articulations.aspx>



BMCC → City Tech

Transfer Information for Associate of Science (AS) in SCIENCE Graduates Continuing their Education

PATHWAY TO A BACHELOR OF SCIENCE (BS) in Applied Chemistry

Students in City Tech's Bachelor of Science (BS) in Applied Chemistry receive a 21st century education in state-of-the-art laboratories and facilities housed in our new Science and Health Building.

City Tech's Applied Chemistry Degree is unique within CUNY with its focus on laboratory skills, which enables graduates to achieve "college to career" employment or continue on to higher education. This includes hands-on training in extensive laboratory course work, necessary for students to launch careers in chemical industry, and in the broad range of industries that utilize analytical chemistry.

Our program meets all of the American Chemical Society's requirements for approval of bachelor's degree programs; the program also prepares students for post-baccalaureate study and for health profession schools.

This pamphlet summarizes a pathway to your bachelor's degree, made possible through an articulation agreement approved by both BMCC and City Tech.

You are cordially invited to apply to City Tech and take the next step towards your professional advancement.

Courses to be Taken at BMCC for AS – Transfer Credits Awarded

Common Core	
Required Common Core	Credits
English Composition	6
Mathematical & Quantitative Reasoning ¹	3
Life & Physical Sciences ²	3
Total Required Common Core	12
Flexible Core	
Creative Expression	6
World Culture & Global Issues	3
U.S. Experience in Its Diversity	3
Individual & Society	3
Scientific World ³	3
Total Flexible Core	18
Total Common Core	30
Curriculum Requirements	
Choose 1 sequence from the following introductory Science sequences: ⁴ BIO 210 & BIO 220 – Biology I & II CHE 201 & CHE 202 – College Chemistry I & II PHY 210 & PHY 220 – Physics I & II	8
Choose 16 credits from the following: ⁵ BIO 210 & BIO 220 – Biology I & II, CHE 201 & CHE 202 – College Chemistry I & II, PHY 210 & PHY 220 – Physics I & II, BIO 230 – Principles of Microbiology, BIO 240 – Genetics, CHE 205 – Quantitative Analysis, CHE 230 & CHE 240 – Organic Chemistry I & II, MAT 301 & MAT 302 – Calculus I & II, PHY 240 – Modern Physics, SCI 120 – Computer Methods in Science, SCI 140 – Introduction to Microprocessors, SCI 430 – Scientific Instrumentation	16
Modern Foreign Language	3
General Electives ⁶	3
Total Curriculum Credits	30
Total Program Credits	60

¹ Students are required to take MAT 206. However, if students can prove math proficiency in MAT 206, MAT 303 can be used to satisfy this requirement. If MAT 303 is taken, 60 credits will transfer to New York City College of Technology.

² Students are advised to take PHY 215.

³ Students are advised to take PHY 225.

⁴ Students are advised to take CHE 201 & CHE 202.

⁵ Students are advised to take MAT 301 & MAT 302 and CHE 230 & CHE 240.

⁶ These credits can be satisfied by taking STEM variants in the Common Core.

(Students must complete the following courses: BIO 210; CHE 201/202; CHE 230/240; MAT 301/MAT 302; PHY 215/PHY 225; therefore if these courses are not completed at the sending institution, then the remaining courses must be taken at City Tech)

Courses to be Taken at City Tech for Baccalaureate Degree Completion

College Option Requirements ²	Credits
COM 1330 or higher public speaking ³	3
One interdisciplinary liberal arts and sciences course	3
Total Required Common Core	6
Major Requirements	
BIO 1101 Biology I, if BIO 210 not completed at BMCC	0 - 4
PHYS 1441 General Physics I: Calculus-based, if PHYS 215 not completed at BMCC	0 - 5
PHYS 1442 General Physics I: Calculus-based, if PHYS 225 not completed at BMCC (WI)	0 - 5
MAT 1475 Calculus I, if MAT 301 not completed at BMCC	0 - 4
MAT 1575 Calculus II, if MAT 302 not completed at BMCC	0 - 4
CHEM 3222 Physical Chemistry: Thermodynamics and Kinetics (WI)	4
CHEM 3312 Analytical Chemistry (WI)	5
CHEM 3412 Instrumental Methods of Analysis (WI)	5
CHEM 3601 Biochemistry	4
CHEM 3622 Inorganic Chemistry (WI)	4
CHEM 4312 Instrumental Chromatography (WI)	4
Subtotal	26-48
Internship/Research Course	
CHEM 4901 Internship/Research in Applied Chemistry (WI)	3
CHEM 4902 Internship/Research in Applied Chemistry (WI)	3
Subtotal	6
Science and Mathematics Elective Courses: Select credits from the science and mathematics elective courses to reach 120 credits	0-22
Total credits to be taken at City Tech	60
Total credits transferred from BMCC	60
Total credits required for Bachelor of Applied Chemistry	120
Writing Intensive Requirement	
Complete two Writing Intensive (WI) courses for the baccalaureate degree, one from General Education (liberal arts) and one from the major.	

¹ In addition to requirements of A.S. degrees, City Tech bachelor's degree students are required to take one Writing Intensive (WI) course in the major and one WI course in the liberal arts and sciences.

² Complete lists of liberal arts and sciences courses and advanced liberal arts and sciences courses, as well as semester-specific lists of interdisciplinary courses, are available online at the City Tech Pathways website.

³ Students who have already met this requirement may choose any other upper level liberal arts science in its place.