

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

Natural Sciences Department

Prof. Mohammad Sohel

Liberal Arts and Science-Applied Chemistry Faculty Transfer Coordinator at Hostos

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Dept. Website: <http://www.hostos.cuny.edu/Administrative-Offices/Office-of-Academic-Affairs/Departments/Natural-Sciences>

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>



Hostos → City Tech

Transfer Information for Associate of Science (AS) in LIBERAL ARTS AND 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 Hostos 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 Hostos for AS – Transfer Credits Awarded

| Common Core | |
|---|--------------|
| Required Common Core | Credits |
| ENG 110 English Composition I or equivalent ENG 111 English Composition II | 6 |
| MQR: MAT 210 Calculus I* | 4 |
| Life & Physical Sciences BIO 210 OR CHE 210 OR PHY 210 | 4 |
| Flexible Common Core | |
| World Cultures & Global Issues ANT 101, BLS 101, ENG 200, ENG 213, ENG 215 ENG 222, HIS 201, HIS 202, HUM 100, LAC 108, LAC 118, POL 207, SPA 117, SPA 118, WGS 200 | 3 |
| U.S. Experience in Its Diversity BLS 114, ENG 225, HIS 210, HIS 211, HIS 214, LAC 101 LAC 132, POL, 101, WGS 100 | 3 |
| Creative Expression ENG 203, ENG 204, ENG 210, ENG 212, ENG 214, ENG 221 LAC 246, VPA 114, VPA 141, VPA 181, VPA 192 | 3 |
| Individual and Society ECO 101, ECO 102, CJ 101, ENG 223, ENG 224, ENG 228, ENG 230, LIN 100, LIN 102, LIN 103, PSY 101, PSY 110, PSY 120, PSY 121, SOC 101 | 3 |
| Scientific World BIO 220 OR CHE 220 OR PHY 220 | 4 |
| One additional course from Scientific World BIO 260 OR BIO 310 OR CHE 310/312 OR MAT 220 OR MAT 310 | 3-4 |
| Subtotal | 33-34 |
| Requirements for Major | |
| Select one course sequence from an area of concentration different from that selected in the Common Core (Life and Physical Sciences and Scientific World): a. BIO 210 & BIO 220 – General Biology I & II b. CHE 210 & CHE 220 – General Chemistry I & II (Recommended) c. PHY 210 and PHY 220 General Physics I and II (Recommended) | 8 |
| Choose (2) additional courses from the following: BIO 230 A&P I, BIO 240 A&P II, BIO 260 Introduction to Genetics, BIO 299 Independent Studies in Biology, BIO 310 Microbiology, CHE 299 Independent Studies in Chemistry, CHE 310/312 Organic Chemistry I (Recommended), MAT 220 Calculus II (Recommended), MAT 310 Calculus | 8-9 |
| Subtotal | 49-51 |
| Free Electives * | 9-11 |
| Total Credits for Degree | 60 |

Two WI courses at Hostos (both might be Science courses)

Notes: *Depending on placement, students may be required to complete MAT 160. These students should consult with an advisor in the Math department. Students, who are required to take MAT 160, will complete the course as part of the Common Core Mathematical and Quantitative Reasoning and will take MAT 210 under “free electives

Courses to be Taken at City Tech for Baccalaureate Degree Completion

| Program Specific Degree Requirements | Credits |
|---|----------------|
| CHEM 3222 Physical Chemistry: Thermodynamics and Kinetics | 4 |
| CHEM 3312 Analytical Chemistry | 0-5 |
| CHEM 3412 Instrumental Methods of Analysis | 0-5 |
| CHEM 3622 Inorganic Chemistry | 4 |
| CHEM 4312 Instrumental Chromatography | 4 |
| CHEM 4323 Advanced Laboratory Applications in Advanced Spectroscopy | 2 |
| BIO 3601 Biochemistry | 4 |
| CHEM 4901 Internship/Research in Applied Chemistry I | 3 |
| The following courses may be required if not taken at the Associate level at HCC: | |
| CHEM 1110 General Chemistry I | 4 |
| CHEM 1210 General Chemistry II | 4 |
| CHEM 2223 Organic Chemistry I | 0-5 |
| CHEM 2323 Organic Chemistry II | 0-5 |
| MAT 1575 Calculus II | 4 |
| PHYS 1441 General Physics I: Calculus Based | 0-5 |
| PHYS 1442 General Physics II: Calculus Based | 0-5 |
| Subtotal | 33-63 |
| College Option Requirement ¹ | |
| One course in speech/oral communication: COM1330 or higher ² | 3 |
| One interdisciplinary liberal arts and sciences course | 3 |
| Subtotal | 6 |
| Science & Mathematics Electives (from BMCC) | 0-21 |
| Total credits to be taken at City Tech | 60-69 |
| Total credits transferred from Hostos | 60 |
| Total credits required for Bachelor of Applied Chemistry | 120-129 |
| Writing Intensive Requirement | |
| Students at New York City College of Technology must complete two courses designated WI for the baccalaureate level, one from liberal arts and one from the major | |

¹Complete lists of liberal arts and sciences courses and advanced liberal arts courses, as well as semester-specific lists of interdisciplinary courses and writing intensive courses, are available online at the City Tech Pathways website.

²Students who have already met this requirement may choose any other liberal arts and science course in its place.