BRONX COMMUNITY COLLEGE *Degree Map*

CYBERSECURITY

A.A.S. Degree*

[1] Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course/s (Sequence: ESL 01 > 02 > 03 > 09) before enrolling in ENG 110.

[2] Students with Math Proficiency Index (MPI) of 0-59 enroll in the corequisite course MTH 28.5. Students with MPI of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start. Students planning to transfer to a four-year college should take MTH 30.

[3] It is highly recommended that students take FYS 11 in their first or second semester prior to earning 24 credits. Students who have earned 24 or more credits are permitted to use the one credit as a free elective.

[4] HIS 10 or HIS 11 is strongly recommended. HIS 11 is for students who enroll in ENG 110 as a corequisite.

[5] Students who are planning to transfer to senior college programs in Cybersecurity/Networking and similar may complete MTH 30 Pre-Calculus Mathematics in place of PHY 12. It is recommended that students consult with their advisor and review senior college program requirements to determine the best course to take to optimize credit transfer.

*Note: In order to graduate, students must meet all requirements, including, completing all required courses with appropriate grades, completing two writing intensive courses, and earning a minimum GPA of 2.0, and applying for graduation.

SEMESTER I Freshman	Prerequisite/Corequisite	
☐ **Required Core A:** English Composition I - ENG 100 Integrated Reading and Writing **OR** ENG 110 Fundamentals of Writing and Rhetoric **OR** ENG 111 Writing and Rhetoric[1]	See footnote[1]	3
☐ **Required Core B**: MTH 28 College Algebra and Elementary Trigonometry **OR** MTH 28.5 College Algebra and Elementary Trigonometry Corequisite[2]	See footnote[2]	3
☐ CSN 100 Introduction to Cybersecurity		3
☐ CSN 105 Computer Hardware and Software		3
☐ FYS 11 First Year Seminar [3]	None	1
☐ PEA Physical Education	See catalog	1
Subtotal:		**14**

SEMESTER II Freshman	Prerequisite/Corequisite	
☐ **Required Core A:** ENG 112 Composition and Rhetoric II **OR** ENG 113 Writing About Literature **OR** ENG 114 Written Composition and Prose Fiction **OR** ENG 115 Written Composition and Drama **OR** ENG 116 Written Composition and Poetry	ENG 100, 110, or 111	3
☐ **Required Core C:** PHY 11 College Physics I	MTH 28 or 28.5, if required / Corequisite: ENG 110	4
☐ **Flexible Core D:** COMM 11 Fundamentals of Interpersonal Communication	Corequisite: ENG 110, if required	3
☐ CSN 110 Network Fundamentals	Corequisites: CSN 105; MTH 28.5, if required	3
☐ CSN 130 Network Operating Systems I	Corequisites: CSN 110; MTH 28.5, if required	3
Subtotal:		**16**

SEMESTER III Sophomore	Prerequisite/Corequisite	
☐ **Flexible Core A-E:** Select **ONE** course from Flexible Core A-E[4]	See catalog	3
☐ CSN 120 Network Switching and Routing	Corequisites: CSN 110; MTH 28.5, if required	3
☐ CSN 132 Network Operating Systems II	CSN 130	3
☐ CSN 140 Network Scripting	CSN 130; Corequisites: CSN 132	4
☐ CSN 170 Internet and Cloud Computing	Corequisites: CSN 140	3
Subtotal:		**16**

SEMESTER IV Sophomore	Prerequisite/Corequisite	
☐ **Flexible Core E**: PHY 12 College Physics II[5]	PHY 11	4
☐ **Choose ONE:** ART 10 Art Survey **OR** MUS 10 Music Survey	None	1
☐ CSN 150 Cybersecurity	Corequisites: CSN 132	4
☐ CSN 160 Ethical Hacking and Network Penetration Testing	Corequisites: CSN 140	3
☐ CSN 190 Cybersecurity Project	Corequisites: CSN 150	1
☐ Free Elective to complete 60 credits	See catalog	1
Subtotal:		**15**

TOTAL: 60

This degree map represents a recommended semester-by-semester sequences of courses intended to assist students with timely degree completion. Students should review this map in consultation with their academic advisor, success coach, or faculty advisor in order to make the best course selection and course load consistent with their circumstances. This document is for advisement purposes only and does not represent an official listing of degree requirements; please consult the college catalog, as well as DegreeWorks. (Revised 01/2024)