PATHWAYS
Liberal Arts & Sciences (A.S. Degree)
Physics Option
FALL 2015-SPRING 2016

REMEDIAL SEQUENCE (if required)

☐ ESL 1 (8) ▸▸	☐ ESL 2 (6) ▸▸	☐ ESL 3 (6) ▸▸	☐ ENG 9 (4)

☐ ENG 1 (4) ▸▸	☐ ENG 2 (4)

☐ RDL 1 (4) ▸▸	☐ RDL 2 (6)

☐ MTH 1 (4) ▸▸	☐ MTH 5 (6) ▸▸	☐ MTH 6 (6)

☐ CHM 2 (4)

GRADUATION REQUIREMENTS

☐ CAT-R	☐ CAT-W	☐ CAT-M	☐ GPA ≥ 2.0

☐ Writing Intensive 1	☐ Writing Intensive 2

FRESHMEN SEMINAR

☐ FYS 11 / OCD 1

[1] This program has obtained a waiver to require STEM variant courses in Required Core Area B and Area C and Flexible Core Area E. If students transferring into this program complete different courses in these areas, they will be certified as having completed the Common Core requirements, but it may not be possible for them to finish their degree within the regular number (60) of credits.

[2] For students who take MTH 30 to fulfill the Required Core, no free electives remain.

[3] See your department advisor for the appropriate sequence of specialization courses.

Note: Students are encouraged to begin Transfer Planning early in their Academic careers. Please visit the Transfer Planning web site for the timeline as well as the information on Articulation and transfer: http://www.bcc.cuny.edu/TransferCounseling/

REQUIRED COMMON CORE

☐	A	English Composition ENG 10 OR ENG 11; and ENG 12 OR ENG 14 OR ENG 15 OR ENG 16	6
☐	B	Mathematical and Quantitative Reasoning MTH 30 Pre-Calculus Mathematics[1] OR MTH 31 Analytic Geometry & Calculus I	4
☐	C	Life and Physical Sciences CHM 11 General Chemistry I[1]	4
		Subtotal:	14

FLEXIBLE COMMON CORE (Course list at: http://www.bcc.cuny.edu/pathways/?p=Flexible-Common-Core)

Students can complete no more than two courses from any one discipline or interdisciplinary field.	☐
☐ A World Cultures and Global Issues	3
☐ B US Experience in its Diversity	3
☐ C Creative Expression	3
☐ D Individual and Society	3
☐ E Scientific World CHM 12 General Chemistry II[1]	4
☐ Select an additional course from Flexible Core A-E	3
Subtotal:	19

SPECIALIZATION REQUIREMENTS

☐	MTH 31	Analytic Geometry & Calculus I[2]	0-4
☐	MTH 32	Analytic Geometry & Calculus II	5
☐	ELEC	Free Electives[2]	1-5
		Subtotal:	10

SPECIALIZATION REQUIREMENTS for PHYSICS OPTION[3]

☐	PHY 31	Physics I	4
☐	PHY 32	Physics II	4
☐	PHY 33	Physics III	4
☐	MTH 33	Analytical Geometry and Calculus III	5
		Subtotal:	17
		TOTAL:	60

BRONX COMMUNITY COLLEGE