# PATHWAYS
## *Science for Forensics (A.S. Degree)*
## *Joint Degree (John Jay)*
### *FALL 2020-SPRING 2021*

## REMEDIAL SEQUENCE (if required)

- ☐ ESL 1 (8) ▶▶   ☐ ESL 2 (6) ▶▶   ☐ ESL 3 (6) ▶▶   ☐ ENG 9 (4)
- ☐ ENG 1[1] (4) ▶▶   ☐ ENG 2 (4)
- ☐ RDL 1[1] (4) ▶▶   ☐ RDL 2 (6)
- ☐ MTH 1 (4) ▶▶   ☐ MTH 5 (6) ▶▶   ☐ MTH 6 (6)
- ☐ CHM 2 (4)

## GRADUATION REQUIREMENTS

- ☐ GPA ≥ 2.0   ☐ Writing Intensive 1   ☐ Writing Intensive 2

## FRESHMAN SEMINAR

- ☐ FYS 11

[1]Students with prior ENG 1/RDL 1 placements (or English Proficiency Index < 50) will now take ENG 4 or RDL 4. Passing ENG 4 or RDL 4 will allow them to register for ENG 110.

[2]This program has received a waiver to require students to complete MTH 31 to fulfill Required Core B, CHM 11 to fulfill Required Core C, CHM 12 to fulfill Flexible Core E, and PHY 31 (selected from Flexible Core E) to fulfill the sixth Flexible Core course.

[3]To fulfill the two-year degree requirements of this Joint Degree with John Jay College, this program has received an additional waiver to allow students to complete a portion of the Common Core requirements prior to transfer and complete the remaining requirements upon transfer.

[4]See Degree map at: http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/ for semester-by-semester sequence.

[5]Students who due to their initial placement are required to begin their mathematics studies in MTH 30 (Pre-Calculus) may substitute MTH 30 for PHY 32 (Physics II) to complete the associate degree requirements.

[6]Any PEA one credit course, or CPR 10, or WFA 10, or ART 10, or MUS 10

## REQUIRED COMMON CORE

| | | |
|---|---|---|
| ☐ A | **English Composition**<br>ENG 110[1] **OR** ENG 111; ENG 112 **OR** ENG 113 **OR** ENG 114 **OR** ENG 115 **OR** ENG 116 | 6 |
| ☐ B | **Mathematical and Quantitative Reasoning[2]**<br>MTH 31  Analytic Geometry & Calculus I | 4 |
| ☐ C | **Life and Physical Sciences[2]**<br>CHM 11  General College Chemistry | 4 |
| | **Subtotal:** | 14 |

## FLEXIBLE COMMON CORE [3] (Course list at: http://www.bcc.cuny.edu/pathways/?p=Flexible-Common-Core)

Select <u>TWO</u> courses from any of the following areas (Flexible Core A-D)[3], with no more than one course in any area, and no more than one course in any discipline or interdisciplinary field – 6 Credits

| | |
|---|---|
| ☐ A  World Cultures and Global Issues | |
| ☐ B  US Experience in its Diversity | 6 |
| ☐ C  Creative Expression | |
| ☐ D  Individual and Society | |
| ☐ E  Scientific World[2]<br>CHM 12  General Chemistry II **AND**<br>PHY 31 Physics I | 8 |
| **Subtotal:** | 14 |

## MAJOR REQUIREMENTS[4]

| | | |
|---|---|---|
| ☐ BIO 11 | General Biology I | 4 |
| ☐ BIO 12 | General Biology II | 4 |
| ☐ MTH 32 | Analytic Geometry and Calculus II | 5 |
| ☐ PHY 32[5] | Physics II[5] | 4 |
| ☐ ELECTIVES[6] | Restricted Electives[6] | 1 |
| ☐ CHM 31 | Organic Chemistry I | 5 |
| ☐ CHM 32 | Organic Chemistry II | 5 |
| ☐ CHM 33 | Quantitative Analysis | 4 |
| | **Subtotal:** | 32 |
| | **TOTAL:** | 60 |