

# Science for Forensics (A.S. Degree) Joint Degree (John Jay) FALL 2022-SPRING 2023

## REMEDIAL SEQUENCE (if required)

ESL 1 (8) ▶▶  ESL 2 (6) ▶▶  ESL 3 (6) ▶▶  ENG 9 (4)

ENG 1<sup>1</sup> (4) ▶▶  ENG 2<sup>1</sup> (4)

RDL 1<sup>1</sup> (4) ▶▶  RDL 2<sup>1</sup> (6)

MTH 1<sup>2</sup> (4) ▶▶  MTH 5<sup>2</sup> (6) ▶▶  MTH 6<sup>2</sup> (6)

CHM 2 (4)

## GRADUATION REQUIREMENTS

GPA ≥ 2.0  Writing Intensive 1  Writing Intensive 2

## FRESHMAN SEMINAR

FYS 11

<sup>1</sup>ENG 1/ENG 2 & RDL 1/RDL 2 are no longer offered. Students with ENG/RDL developmental need will now enroll in corequisite course ENG 100 (if English Proficiency Index is 0-49), or ENG 110 (if English Proficiency Index is 50-64).

<sup>2</sup>MTH 1/MTH 5/MTH 6 are no longer offered. They have been replaced by MTH 28/28.5. Students who have successfully completed an elementary algebra math intervention at a CUNY college (e.g., Math Proficiency Workshop, CUNY Start Math, Math Start, or MTH 5) are eligible for MTH 28.

<sup>3</sup>This program has received a waiver to require students to complete specific STEM/STEM Variant courses in Required Area B, Required Area C and Flexible Area E.

<sup>4</sup>Students who place out of MTH 28 shall complete MTH 32 Analytic Geometry and Calculus II in Restricted Electives. Students who place out of MTH 30 as well shall complete PHY 32 Physics II in Restricted Electives. Students who place out of neither may take a 3-credit Flexible Core course. Note that both MTH32 and PHY 32 are required in the John Jay Science for Forensics degree.

For MTH 28 enrollment, a new student must be CUNY Math Proficient, and will also have to meet one of the following criteria:

Mathematics high school GPA of at least 70 and successful completion of a course beyond Algebra 1, OR New York State Regents Trigonometry Score of at least 65, OR New York State Regents Common Core Algebra 2 Score of at least 65.

<sup>5</sup>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.

<sup>6</sup>See Degree map at: <http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/> for semester-by-semester sequence.

## REQUIRED COMMON CORE

<input type="checkbox"/> A <input type="checkbox"/> A	English Composition <sup>1</sup> I & II ENG 100 OR ENG 110 OR ENG 111; AND ENG 112 OR ENG 113 OR ENG 114 OR ENG 115 OR ENG 116	6
<input type="checkbox"/> B	Mathematical and Quantitative Reasoning <sup>3</sup> MTH 28 <sup>4</sup> College Algebra and Elementary Trigonometry OR MTH 28.5 <sup>2</sup> (Corequisite)	3
<input type="checkbox"/> C	Life and Physical Sciences <sup>3</sup> CHM 11 General College Chemistry	4
<b>Subtotal:</b>		<b>13</b>

## FLEXIBLE COMMON CORE<sup>5</sup> (Course list at: <http://www.bcc.cuny.edu/pathways/?p=Flexible-Common-Core>)

Select <b>TWO</b> courses from any of the following areas (Flexible Core A-D) <sup>5</sup> , with no more than one course in any area, and no more than one course in any discipline or interdisciplinary field – 6 Credits		
<input type="checkbox"/> A World Cultures and Global Issues		6
<input type="checkbox"/> B US Experience in its Diversity		
<input type="checkbox"/> C Creative Expression		
<input type="checkbox"/> D Individual and Society		
<input type="checkbox"/> E Scientific World <sup>3</sup> CHM 12 General Chemistry II AND PHY 31 Physics I		8
<b>Subtotal:</b>		<b>14</b>

## MAJOR REQUIREMENTS<sup>6</sup>

<input type="checkbox"/> BIO 11	General Biology I	4
<input type="checkbox"/> BIO 12	General Biology II	4
<input type="checkbox"/> MTH 30 <sup>4</sup>	Pre-Calculus Mathematics	4
<input type="checkbox"/> MTH 31	Calculus and Analytical Geometry I	4
<input type="checkbox"/> ELECTIVES <sup>4</sup>	Restricted Electives <sup>4</sup>	3-10
<input type="checkbox"/> CHM 31	Organic Chemistry I	5
<input type="checkbox"/> CHM 32	Organic Chemistry II	5
<input type="checkbox"/> CHM 33	Quantitative Analysis	4
<b>Subtotal:</b>		<b>33</b>
<b>TOTAL:</b>		<b>60</b>