

Students will be pre-registered in their 1<sup>st</sup> semester Science courses

SEMESTER 1 (Autumn)			HRS.
201-NYA	Calculus I		3-2-3
202-NYA	General Chemistry I		3-2-3
203-NYA	Mechanics		3-2-3
603-101	English		2-2-4
345-101 or 345-102	Humanities		3-0-3
602-10_	French		2-1-3
109-101 or 109-102	Physical Education		1-1-1
<b>7 courses</b>			<b>27/20</b>

SEMESTER 2 (Winter)			HRS.
201-NYB	Calculus II		3-2-3
202-NYB	Chemistry of Solutions		3-2-3
203-NYC	Waves, Optics and Modern Physics		3-2-3
603-102 or 603-103	English		2-2-3
345-101 or 345-102	Humanities		3-1-3
109-101 or 109-102	Physical Education		0-2-1
	Complementary		2-1-3
<b>7 courses</b>			<b>28/19</b>

SEMESTER 3 (Autumn)			HRS.
101-NYA	General Biology I		3-2-3
201-NYC	Linear Algebra		3-2-3
203-NYB	Electricity and Magnetism		3-2-3
603-102 or 603-103	English		2-2-3
602-HS_	French		2-1-3
	Complementary		2-1-3
<b>6 courses</b>			<b>25/18</b>

SEMESTER 4 (Winter)			HRS.
3 Science option courses <sup>[PCA]</sup> (see lists below)			9-6-9
603-HSD	English		2-2-2
345-HSA	Humanities		3-0-3
109-103	Physical Education		1-1-1
<b>6 courses</b>			<b>24/15</b>

In addition to passing the above courses, students must pass the **ENGLISH EXIT EXAM** and the **PROGRAM COMPREHENSIVE ASSESSMENT** <sup>[PCA]</sup>

Students in this program must complete 9 compulsory science courses and 3 science option courses.  
At least one science option course must have the Program Comprehensive Assessment.

9 COMPULSORY SCIENCE COURSES	
101-NYA	General Biology I
201-NYA	Calculus I
201-NYB	Calculus II
201-NYC	Linear Algebra
202-NYA	General Chemistry I
202-NYB	Chemistry of Solutions
203-NYA	Mechanics
203-NYC	Waves, Optics and Modern Physics
203-NYB	Electricity and Magnetism

SCIENCE OPTION COURSES WITH THE PROGRAM COMPREHENSIVE ASSESSMENT	
101-HTK	General Biology II [f & w] ♦
201-HTH	Probability and Statistics [f & w]
201-HTK	Linear Algebra II [w]
201-HTL	Differential Equations [w]
202-HTF	Food and Drugs [f]
202-HTG	Health and Beauty [w]
202-HTQ	Physical Chemistry [w]
203-HTJ	Astrophysics [w]
203-HTK	Statics and Engineering Physics [w]
360-HTA	Biophysics [w]
360-HTB	Research Methods for the Sciences [w]

SCIENCE OPTION COURSES WITHOUT THE PROGRAM COMPREHENSIVE ASSESSMENT	
101-HTP	Human Physiology [w]
201-HTJ	Calculus III [f & w]
202-HTJ	Organic Chemistry I ♦ [f & w]
202-HTK	Organic Chemistry II [w]
420-HTX	C++ Programming [w]

**Total HRS.** = Class + Lab. / Study time

♦ prerequisite for some university programs. [f] offered only in the fall semester.

[w] offered only in the winter semester.

[f & w] offered in both the fall and winter semesters