

# Biology

## Associate of Science | Degree Map

Follow this map to graduate in two years, though other paths are possible. You must average 15 credits a semester to finish in two years. Contact an advisor for additional support, and see the back for more information.

	Course	PC = Program Core; RC = Required Core; FC = Flexible Core	Category	Credits	Session
SEMESTER 1	NSF101 First Year Seminar for Natural Sciences		PC	2	I
	ENG101 English Composition I (or ENA101)		RC	3	I
	MAT115/117 Algebra and Trigonometry (see Math note on back)		RC	3	I
	SCB201 General Biology I ( <b>Life and Physical Sciences: pre-req for SCB202</b> )		RC	4	I
	SCB202 General Biology II		PC	4	II

	Course	Category	Credits	Session
SEM. 2	ENG102 English Composition II	RC	3	I
	SCC201 General Chemistry I ( <b>Scientific World: pre-req for SCC202</b> )	FC	4	I
	HUC106 Public Speaking (recommended – see back)	FC	3	I
	SCC202 General Chemistry II ( <b>Scientific World: pre-req or SCC251</b> )	FC	4	II

	Course	Category	Credits	Session
SEM. 3	SCB252 Fundamentals of Biotechniques (pre-req for SCB255)	PC	3	I
	SCC251 Organic Chemistry I	PC	5	I
	Flexible Core Course (see back for more information)	FC	3	I
	Unrestricted Elective (MAT200 Precalculus recommended – see back)	PC	4	II

	Course	Category	Credits	Session
SEM. 4	SCB255 Cell Biology (Capstone)	PC	4	I
	SCC252 Organic Chemistry II	PC	5	I
	Flexible Core Course	FC	3	I
	Flexible Core Course	FC	3	I
<b>Register for GRDOOO "Intent to Graduate" in CUNYfirst to apply for graduation in your final semester</b> <b>Students must take at least one Urban Study course</b>				

Start planning now for what comes after graduation! Connect with [Transfer Services](#) and the [Center for Career & Professional Development](#). Also see the back of this map for more information on transfer.



### Credits Required to Graduate

Category	Credits
Pathways Required Core (RC)	13
Pathways Flexible Core (FC)	20
Program Core (PC)	27
Total	60

More information at [laguardia.edu/biology](http://laguardia.edu/biology)

Effective Fall 2018-Spring 2019 catalog. Updated: 5/2/2022

Follow the map for the catalog year in which you first enrolled.  
Check Degree Audit & speak to an advisor for more support.

## Program Core (PC) and Pre/Co-requisites

The Program Core (PC) is the required set of major-specific courses. Refer to the Pre- and Co-requisite list below to ensure you register for the appropriate courses.

Pre-requisite: A course which must be completed prior to taking another course

Co-requisite: A course which must be taken during the same session as another course.

1. SCB201 PRE: English & Math Proficiency
2. SCB202 PRE: SCB201
3. SCC201 PRE: English Proficiency & MAT115
4. SCC202 PRE: SCC201
5. SCB252 PRE: MAT115/117&ENG101&SCB/C201
6. SCC251 PRE: SCC202
7. SCC252 PRE: SCC251
8. SCB255 PRE: ENG102&SCB252&SCB/C202

## Program Core Note

The Biology program has 4 credits for an Unrestricted Elective. Students are advised to take MAT200 Pre-calculus to fulfill this requirement, as they will need to take Calculus if pursuing Biology at a 4-year college.

## Pathways Requirements & Transfer

PATHWAYS REQUIRED CORE (RC) Pathways is CUNY's general education framework. For Required Core, students must take 2 English courses, 1 Mathematics and Quantitative Reasoning course, and 1 Life and Physical Sciences course. For more details visit the [Pathways Required Core website](#).

MATHEMATICS AND QUANTITATIVE REASONING Biology students should take MAT115/117 Algebra & Trigonometry, unless placing into MAT200 Precalculus. All students should take at least MAT200 Pre-calculus, which can fulfill the Unrestricted Elective requirement, because they will be required to take Calculus at the Bachelor's level.

PATHWAYS FLEXIBLE CORE (FC) allows students to choose courses based on interests, transfer or career plans, or for general exploration. Associate of Science students must take one course from each category listed below, plus an additional course from any category. View DegreeWorks or our [Pathways website](#) to see a full range of options, or talk with the program director or an advisor. Note: your program has specific requirements & recommendations listed below/

- Creative Expression: **HUC106 Public Speaking** recommended because course is required for STEM majors at 4-year colleges
- Individual & Society: No recommendation
- Scientific World: **SCC201 General Chemistry I required**
- U.S. Experience in its Diversity: No rec.
- World Cultures and Global Issues: No rec.
- Additional (Scientific World): **SCC202 General Chemistry II required**

TRANSFER AGREEMENTS The Biology program has an agreement with the following 4-year colleges. By graduating from LaGuardia and meeting certain requirements, you will be able to complete your studies at a 4-year college and earn a bachelor's degree. For more information, visit our [Transfer Agreement \(Articulation\) web page](#).

1. York College, St. John's University, Long Island University, College of Staten Island – BS in Biology
2. York College – BS in Biotechnology
3. John Jay – BS in Toxicology or BS in Cell & Molecular Biology
4. Universidad del Sagrado Corazon – BS in Natural Sciences