

Biotechnology Degree Map | Associate of Science

	Course	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 & Trigonometry (see Math note on back)	RC	3	I
	SCB201 General Biology I (Life & Physical Sciences: pre-req for SCB202)	RC	4	I
	SCB202 General Biology II	PC	4	II

	Course	Category	Credits	Session
SEMESTER 2	ENG102 English Composition II	RC	3	I
	SCC201 General Chemistry I (Scientific World: pre-req for SCC202)	FC	4	I
	MAT200 Precalculus	PC	4	I
	Flexible Core Course (see back for more information)	FC	3	I
	SCC202 General Chemistry II (Scientific World: pre-req for SCC251)	FC	4	II

	Course	Category	Credits	Session
SEMESTER 3	SCB207 Genomics & Bioinformatics	PC	3	I
	SCC251 Organic Chemistry I	PC	5	I
	Flexible Core Course	FC	3	I
	Flexible Core Course	FC	3	II

	Course	Category	Credits	Session
SEMESTER 4	SCB257 Genetics (Capstone) (*Spring only - see below)	PC	4	I
	SCI204 Research in Nat. Sci. or SCB252 Fundamentals of Biotechniques	PC	3	I
	Flexible Core Course (Urban Study)	FC	3	I
	Unrestricted Elective	PC	2	I
Register for GRD000 "Intent to Graduate" in CUNYfirst to apply for graduation in your final semester Students must take at least one Urban Study course				

*If you need to take SCB257 in the Fall to graduate, contact the Program Director at naturalsci@lagcc.cuny.edu



To learn more about this major and possible transfer and career paths, visit [here](#)
Natural Sciences Department: Email: naturalsci@lagcc.cuny.edu | Location: M-204 | Phone: 718-482-5940
Credits Required: Required Core (RC): 13 | Flexible Core (FC): 20 | Program Core (PC): 27 | **Total = 60**
Effective for the Fall 2022-Spring 2023 catalog | **Updated** April 9, 2024

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.

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&SCB/C201&ENG101
6. SCC251 PRE: SCC202
7. SCB207 PRE: MAT115 & SCB201
8. SCB257 PRE: ENG102 & SCB202 & SCC202
9. SCI204 PRE: MAT115 & ENG102 & SCB201 or SCC201 or SCP201
10. SCB252 PRE: ENG101 & MAT115 & SCB201 & SCC201

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
Biotechnology students should take MAT115/117 Algebra & Trigonometry, unless placing into MAT200 Precalculus.

PATHWAYS FLEXIBLE CORE (FC) is CUNY's general education framework that 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 listed below:

- Creative Expression
- Individual & Society
- Scientific World: **SCC201 General Chemistry I required**
- U.S. Experience in its Diversity
- World Cultures and Global Issues
- Additional (Scientific World): **SCC202 General Chemistry II required**

TRANSFER AGREEMENTS The Biotechnology program has an agreement with the following 4-year college. 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. City College – BS in Biotechnology