

# Environmental Science – Animal Sciences

## 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 ( <b>Scientific World: pre-req for SCB260 &amp; 212</b> )		FC	4	II

	Course	PC = Program Core; RC = Required Core; FC = Flexible Core	Category	Credits	Session
SEMESTER 2	ENG102 English Composition II		RC	3	I
	SCC201 General Chemistry I		PC	4	I
	Flexible Core Course (Urban Study)		FC	3	I
	Flexible Core Course		FC	3	I
	SCB260 General Microbiology (recommended for Session II so you can focus on only this course)		PC	4	II

	Course	Category	Credits	Session
SEMESTER 3	MAT200 Precalculus ( <b>Additional Sci. World: recommended – see back</b> )	FC	4	I
	SCG252 Animal Behavior and Ethics	PC	3	I
	Flexible Core Course	FC	3	I
	Flexible Core Course	FC	3	I
	SCC202 General Chemistry II ( <b>pre/co-req for SCB212</b> ) (recommended for Session II so you can focus on only this course)	PC	4	II

	Course	Category	Credits	Session
SEMESTER 4	SCB212 Integrative Physiology (Capstone)	PC	4	I
	SCB257 Genetics	PC	4	I
	Unrestricted Elective ( <b>see back for more information</b> )	PC	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)	19
Program Core (PC)	28
<b>Total</b>	<b>60</b>

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

New option for Fall 2023-Spring 2024 catalog. Updated: 1/31/2023

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. NSF101 PRE: None
2. SCB201 PRE: Math and English Proficiency
3. SCC201 PRE: English Proficiency & MAT115
4. SCB202 PRE: SCB201
5. SCC202 PRE: SCC201
6. SCG252 PRE: ENG101 & SCB115/SCB201/SSY101
7. SCB260 PRE: SCB202/SCB204/SCB209
8. SCB212 PRE: ENG101 & SCB202 & SCC201 & PRE/CO: SCC202
9. SCB257 PRE: ENG102 & SCB202 & SCC202

## Note on Unrestricted Elective

Students from Veterinary Technology programs who have taken SCB208 (Comparative Vertebrate Anatomy Part I) can use this course as part of their unrestricted electives.

## 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

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

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 listed below.

- Creative Expression
- Individual & Society
- Scientific World: SCB202 General Biology II required
- U.S. Experience in its Diversity
- World Cultures and Global Issues
- Additional (Scientific World): MAT200 Precalculus is recommended for students pursuing Pre-Veterinary Science or Animal Science.

TRANSFER AGREEMENTS The Animal Sciences 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. Brooklyn College – Bachelor's in Biology: Pre-Vet/Pre-Health
2. SUNY Cobleskill – Bachelor's in Animal Science
3. Rutgers – Bachelor's in Animal Science