



The Environmental Science Major at LaGuardia Community College

What do Environmental Scientists Study?

- Environmental Scientists conduct research and use their results to provide recommendations for solving environmental problems.
- Environmental Scientists work in the field and the laboratory on issues of air, water, and soil pollution, as well as climate, energy sustainability, management of animals and plants, and environmental health science.



What Careers are Open to Environmental Scientists?

- Animal Behaviorist/Trainer
- Public Health Specialist
- Conservation Biologist
- Renewable Energy Consultant
- Zoologist
- Geospatial Technologist
- Urban Planner
- Natural Resources Manager
- Water Quality Technician
- Botanist
- Food Safety Manager
- Park Management (Park Ranger)
- Environmental Hazard Assessment
- Ecologist
- Meteorologist/Weather and Climate
- Air Quality Technician
- Industrial Compliance Specialist
- Geologist
- Marine Scientist
- Sustainability Consultant
- GIS Analyst



Will I be Able to Transfer with this Degree?

- Transfer with 60 credits to a CUNY or other four-year college.
- Full articulation with Queens College: School of Earth & Environmental Sciences. Students who complete their Bachelor's at Queens with 3.0 are automatically accepted into their M.S. program, and financial assistance is available.
- Students who graduate from LaGCC with an A.S. in Environmental Science and at least a 3.0 can transfer to Lehman College for their Accelerated Bachelor's/Master's Program where they will earn a B.S. in Environmental Science and a Master's of Science in GIS in 3 years.



Where Can I Get Information about the Major?

- **Environmental Science Program Director:**
 - **Dr. Holly Porter-Morgan**, hporter-morgan@lagcc.cuny.edu
- **Environmental Science Program Webpage:**
 - www.laguardia.edu/environmentalscience
- **Environmental Science Instagram Account:**
 - [@environmentallagcc](https://www.instagram.com/environmentallagcc) (also #lagccenvironmental)
- **The Environmental Science Facebook Page:**
 - www.facebook.com/LAGCCEnvironmentalScience

Which Courses Should I Take?

SUGGESTED 2-YEAR COURSE SEQUENCE*

YEAR ONE

Fall I Semester:

NSF100—First-Year Seminar for Natural Science Students (2 cr.)

MAT115—Algebra and Trigonometry (3 cr.)

SCB201—General Biology I (4 cr.) (**Flexible Core: Scientific World**)

ENG101—English Composition I (3 cr.)

Fall II Semester:

SCG150—Geographic Information Systems (4 cr.)

Spring I Semester:

SCC201—General Chemistry I (4 cr.)

SCB202—General Biology II (4 cr.)

ENG102—Writing through Literature (3 cr.)

HUP108—Environmental Ethics (3 cr.) (**Flexible Core: Individual and Society**)

or

SSN202—Environmental Sociology (3 cr.)

An **Internship** is recommended during Spring II semester **or** after 1 year of General Biology and 1 semester of General Chemistry.

YEAR TWO

Fall I Semester:

SCB260—General Microbiology (4 cr.)

SCC202—General Chemistry II (4 cr.)

MAT200—Precalculus (4 cr.) (**Flexible Core Elective/Unrestricted elective**) is recommended for students continuing studies at a 4-year college.

Fall II Semester:

World Culture and Global Issues Elective (3 cr.)

Spring I Semester:

SCG250—Environmental Science (4 cr.)

SCB265—Fundamentals of Ecology (4 cr.)

U.S. Experience in its Diversity Elective (3 cr.)

HUC106—Public Speaking (3 cr.) (**Flexible core: Creative Expression**) is recommended

* This list of courses meets all CUNY Pathways and LaGCC requirements.

• All students must take one course that meets the urban studies requirement to meet LaGCC requirements.

