

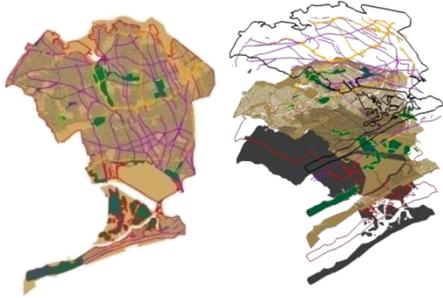


# The Environmental Science Major at LaGuardia Community College



## What do Environmental Scientists Study?

- Environmental Scientists study the relationships that we humans have with our environment.
- If you are interested in: **conservation** of endangered animals, the impact of **climate change** on your city, **renewable energy** sources, solutions to air, land, and water **pollution**, building **green communities**, and the sustainable use of our **natural resources**, then this is the major for you



## Why Should I Study Environmental Science at LaGuardia?

- Every student receives training in geospatial technology and Geographic Information Systems (GIS), an exciting set of computer tools used to analyze spatial relationships and map the environment. These skills are highly sought after in the current employment market.
- We focus on service-learning, which involves actually conducting research and doing projects in the community as part of the class work.
- Our students gain hands-on experience in the field and real-world skills by conducting internships with a public and private organizations.

## What Kind of Jobs are Available in Environmental Science?

Careers are available many areas including:

- Renewable energy
- Geospatial technology
- Resource management
- Urban planning
- Conservation biology
- Water and air quality technology
- Food safety
- Park management (park ranger)
- Environmental hazard assessment
- Meteorology/Weather and Climate



## Will I Be Able to Get a Job when I Graduate With a Degree in Environmental Science?

- Yes! According to the Bureau of Labor Statistics, the number of jobs in Environmental Sciences will grow by almost 20% by 2020.
- Federal agencies such as US Fish and Wildlife, Environmental Protection Agency and US Department of Agriculture hire employ environmental scientists.
- Many graduates find employment in environmental organizations such as the Audubon Society, Wildlife Conservation Society, and Riverkeeper.

## What if I Want to Continue on to a Bachelor's Degree?

- Transfer directly to the Queens College School of Earth and Environmental Science with your AS in Environmental Science.
- We also have an articulation to the York College Environmental Health Program for seamless transfer of your AS degree.

**For more information, fill out this form and return it to room M204 or your professor!**

Your name: \_\_\_\_\_

Your email: \_\_\_\_\_



## Want more Information about the Major?

• Contact the Environmental Science Program Director, Dr. Holly Porter-Morgan  
hporter-morgan@lagcc.cuny.edu, (718) 482-6181

[www.lagcc.cuny.edu/naturalsciences/Majors-Courses/Majors/Environmental-Science/](http://www.lagcc.cuny.edu/naturalsciences/Majors-Courses/Majors/Environmental-Science/)  
[www.facebook.com/LAGCCEnvironmentalScience](https://www.facebook.com/LAGCCEnvironmentalScience)



## What Courses Should I Take for the Environmental Science Major?

### SUGGESTED COURSE SEQUENCE

#### **FIRST YEAR:**

##### **Fall I Semester**

FSM039- New Student Seminar  
SCB201- Fundamentals of Biology I (4 cr.)  
SCC201- Fundamentals of Chemistry I (4 cr.)  
ENG101- Composition I (3 cr.)  
MAT120- Elementary Statistics (3 cr.)

##### **Fall II Semester**

SCG150- Geographic Information Systems (4 cr.)

##### **Spring I Semester**

SCB202- Fundamentals of Biology II (4 cr.)  
SCC202- Fundamentals of Chemistry II (4 cr.)  
ENG102- Writing through Literature (3 cr.)  
HUP108- Environmental Ethics (3 cr.)

#### **SECOND YEAR**

##### **Fall I Semester**

SCB260- General Microbiology (4 cr.)  
MAT200- Precalculus (4 cr.)  
SSE104- Introduction to Macroeconomics (3 cr.)  
Flexible Core Elective: Creative Expression (3 cr.)

##### **Spring I Semester**

SCG250- Environmental Science (*capstone course*) (4 cr.)  
SSN202- Environmental Sociology (3 cr.)  
SCB265- Fundamental of Ecology (4 cr.)

##### **Spring II Semester**

LIB203- Experiential Learning (Fulltime Internship) (3 cr.)



**ENVIRONMENTAL  
SCIENCE  
PROGRAM**  
DARE TO DO MORE

Fill out the front side, tear off, and return to M204 for more information.