

Environmental Science, BS

Academic Plan: ES-BS
Program Code: 33489

This degree map is a term-by-term sample course schedule designed to assist you and your advisor in planning your 4-year academic path to graduation with an Environmental Science Degree. You and your advisor will use it, along with the program of study for your major (found in the [Lehman Bulletin](#) for the year of your major declaration) and Degree Works (degree audit system), to formulate your customized plan.

30

CUNY Common Core Credits

12

Lehman College Option Credits

46

Major Credits

12

Minor or Certificate Credits (recommended)

20

Elective Credits

LEGEND:

Course Abbreviation

Credits

Class Name

Blue: Lehman Core Requirement (LCR)
Requirement fulfilled

Green: Major Requirement

Gold: Elective, Minor, or Certificate

- see footnote

Underlined information is hyperlinked

FRESHMAN

FALL

ENG 111 English Composition I <i>Required Core – Communication</i>	3 CR
LCR <i>Flexible Core - US Experience in Its Diversity</i>	3 CR
MAT 104 (depending on your math placement) or Elective	3 CR
BIO 166 or BIO 167-LCR ^[3] Principles of Biology: Cells and Genes or Principles of Biology: Organisms <i>Required Core – Life and Physical Science</i>	4 CR
Elective LEH 100 (recommended) The Liberal Arts - Freshman Seminar	3 CR

SPRING

ENG 121 English Composition II <i>Required Core – Communication</i>	3 CR
ENV 210-LCR Introduction to Environmental Science <i>Flexible Core – Scientific World</i>	3 CR
MAT 132-LCR Introduction to Statistics <i>Required Core-Quantitative skills</i>	4 CR
Major Elective ^[4]	4 CR
Elective	2 CR

16 FALL CREDITS + 16 SPRING CREDITS = 32 CREDITS

SOPHOMORE

FALL

LCR Foreign Language I <i>Lehman College Option</i>	3 CR
LCR <i>Flexible Core – Creative Expression</i>	3 CR
LCR <i>Flexible Core – World Cultures and Global Issues</i>	3 CR
ENV 211 Introduction to Environmental Science Lab	1 CR
PHY 151-LCR Energy and the Environment <i>Flexible Core – Any area</i> ^[1]	3 CR
Elective	3 CR

SPRING

LCR Foreign Language II <i>Lehman College Option</i>	3 CR
LCR <i>Flexible Core – Individual and Society</i>	3 CR
ENV 330 Environmental Impact Assessment	3 CR
GEO 101 ^[3] Dynamic Earth	3 CR
GEO 102 ^[3] Dynamic Earth Lab	1 CR
Elective	3 CR

32 PRIOR CREDITS + 16 FALL CREDITS + 16 SPRING CREDITS = 64 CREDITS

JUNIOR

FALL

LCR	3 CR
<u>LEH 352, 353, 354, or 355</u> ^[2] <i>Lehman College Option</i>	
<u>CHE 136</u> ^[3] Elements of Chemistry	4 CR
<u>ENV 420</u> Natural Resource Management: Senior Seminar	2 CR
<u>GEP 205</u> ^[3] Principles of Geographic Information Science	3 CR
Minor or Certificate Course I ^[5]	3 CR

SPRING

LCR	3 CR
<u>LEH 352, 353, 354, or 355</u> ^[2] <i>Lehman College Option</i>	
Major Elective ^[4]	4 CR
Major Elective ^[4]	3 CR
Elective	3 CR
Minor or Certificate Course II ^[5]	3 CR

64 PRIOR CREDITS + 15 FALL CREDITS + 16 SPRING CREDITS = 95 CREDITS

SENIOR

FALL

Major Elective ^[4]	4 CR
Elective	3 CR
Elective	3 CR
Minor or Certificate Course III ^[5]	3 CR

SPRING

Elective	3 CR
Elective	3 CR
Minor or Certificate Course IV ^[5]	3 CR
Minor or Certificate Course V ^[5]	3 CR

95 PRIOR CREDITS + 13 FALL CREDITS + 12 SPRING CREDITS = 120 CREDITS

[1] No more than two courses in one discipline may be used to satisfy Flexible Core requirements.

[2] These are variable topics courses, where each section covers a special topic. Take two courses with two different numbers. Pre-requisite: You must have achieved 60 credits and declared your major. Integration Courses: LEH 352: Studies in Literature, LEH 353: Studies in the Arts, LEH 354: Studies in Historical Studies, LEH 355: Studies in Philosophy, Theory & Abstract Thinking. (LEH 351: Studies in Science & Applied Perspectives, is NOT a College Option for this Major).

[3] Required Courses (15-17.5credits): Select one course from each of the following four areas in consultation with a Departmental advisor:

Biological Sciences- BIO 166, or BIO 167

GEO Sciences- GEO 101 and GEO 102, or GEP 228 and GEP 229, or ENV 270

GEO Spatial Analysis- GEP 205, or GEP 321

Chemistry- CHE 136, or CHE 166 and CHE 167

[4] Students must choose 12.5-16 credits (4 courses) in electives to meet the 46 credit requirement in consultation with a department advisor. It is recommended that the courses are chosen within the group in one of the following specialization areas:

Ecology: BIO 167, BIO 184, BIO 242, BIO 302, BIO 330, BIO 336, BIO 339, ENV 235, ENV 255, CHE 168, CHE 169, and CHE 244

Urban Environment Management: GEP 205, GEP 230, GEP 310, GEP 350, GEP 360, GEP 375, GEH 240, ENV 235, ENV 255, ENV 270, ENV 326, and HEA 301

Environmental Geology: GEO 101, GEO 102, GEO 236, GEO 245, GEO 340, GEO 341, GEO 345, GEO 350, GEO 375, GEO 410, GEP 228, GEP 229, GEP 321, and ENV 255

Environmental Analysis: GEP 205, GEP 228, GEP 229, GEP 302, GEP 310, GEP 321, GEO 340, GEO 341, GEP 350, GEP 360, GEP 375, ENV 235, ENV 255, ENV 270, CHE 168, CHE 169, CHE 232, CHE 233, and CHE 249

Other Electives: GEP 204, GEP 470, PHY 166, or PHY 168, and PHY 167, or PHY 169

[5] We strongly recommend clustering 12- 15 elective credits to obtain a minor or certificate that complements your general and major field of study. The choice of the minor or certificate depends on your interest and should be coordinated with advisors. Check out more information on Minors or Certificates with your advisor.

NOTE: Writing Intensive Sections: Complete 4 sections designated as writing-intensive, 3 prior to earning 60 credits and 1 following. These sections may be searched by class attribute and are offered in General Education, major, minor and elective courses.

See other degree maps.