

# Earth Science, BA

Academic Plan: ES-BA

Program Code: 34028

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 Earth 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

## 30

Major Credits

## 12

Minor or Certificate Credits (recommended)

## 36

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	
<b>ENG 111</b> English Composition I <i>Required Core – Communication</i>	3 CR
<b>LCR</b> <i>Flexible Core – World Cultures and Global Issues</i>	3 CR
<b>MAT 104</b> (depending on your math placement) or Elective	3 CR
<b>GEO 101 and GEO 102 - LCR</b> Dynamic Earth – Lecture & Lab <i>Required Core – Life and Physical Science</i>	4 CR
Elective <b>LEH 100</b> (recommended) The Liberal Arts - Freshman Seminar	3 CR

SPRING	
<b>ENG 121</b> English Composition II <i>Required Core – Communication</i>	3 CR
<b>LCR</b> <i>Flexible Core – Individual and Society</i>	3 CR
<b>LCR</b> <i>Required Core – Quantitative Skills</i>	3 CR
<b>LCR</b> <i>Flexible Core - US Experience in Its Diversity</i>	3 CR
<b>GEO 167 and GEO 168- LCR</b> Earth Evolution – Lecture & Lab <i>Flexible Core – Scientific World</i>	4 CR

16 FALL CREDITS + 16 SPRING CREDITS = 32 CREDITS

# SOPHOMORE

FALL	
<b>LCR</b> Foreign Language I <i>Lehman College Option</i>	3 CR
<b>LCR</b> <i>Flexible Core – Creative Expression</i>	3 CR
<b>AST 117</b> Astronomy of Stellar Systems – Lecture & Lab	4 CR
Elective	3 CR
Elective	3 CR

SPRING	
<b>LCR</b> Foreign Language II <i>Lehman College Option</i>	3 CR
<b>LCR</b> <i>Flexible Core – Any area</i> <sup>[1]</sup>	3 CR
<b>GEO 228 and GEO 229</b> Weather and Climate – Lecture & Lab	4 CR
Elective	3 CR
Elective	3 CR

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

# JUNIOR

FALL	
LCR <u>LEH 352, 353, 354, or 355</u> <sup>[2]</sup> <i>Lehman College Option</i>	3 CR
<u>GEO 2## or 3## or 4##</u> <sup>[3]</sup> Major Electives	4 CR
Elective	3 CR
Elective	3 CR

SPRING	
LCR <u>LEH 352, 353, 354, or 355</u> <sup>[2]</sup> <i>Lehman College Option</i>	3 CR
<u>GEO 245</u> Earth Materials – Lecture & Lab	4 CR
Elective	3 CR
Elective	3 CR

64 PRIOR CREDITS + 13 FALL CREDITS + 13 SPRING CREDITS = 90 CREDITS

# SENIOR

FALL	
<u>GEO 2## or 3## or 4##</u> <sup>[3]</sup> Major Electives	4 CR
Elective	3 CR
Elective	3 CR
Minor or Certificate Course I <sup>[4]</sup>	3 CR
Minor or Certificate Course II <sup>[4]</sup>	3 CR

SPRING	
<u>GEO 4500</u> Topics in Earth Science	2 CR
Elective	3 CR
Elective	3 CR
Minor or Certificate Course III <sup>[4]</sup>	3 CR
Minor or Certificate Course IV <sup>[4]</sup>	3 CR

90 PRIOR CREDITS + 16 FALL CREDITS + 14 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 treats a special topic. Pre-requisite: You must have achieved 60 credits and declared your major.

Integration Courses: LEH 352: Studies in Literature, LEH 353: Studies in 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] 8 credits to be chosen from the following courses: GEO 236, GEO 340 with GEO 341, GEO 345, GEO 350, GEO 448 or GEO 490.

[4] 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 60th credit and 1 following. Individual sections of courses will be designated as writing-intensive (by a W) and are offered in General Education, major, minor and elective courses.*

See other degree maps.