

# Macaulay Honors College

## MHC Earth Science, BA

Academic Plan: MHCES-BA  
Program Code: 34254

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**

**9-18**

**Additional Macaulay Honors Requirements**

**12**

**Lehman College Option Credits**

**30**

**Major Credits**

**12**

**Minor or Certificate Credits (recommended)**

**18-27**

**Elective Credits**

**LEGEND:**

<b>Course Abbreviation</b>	<b>Credits</b>
Class Name	
Blue: Lehman Core Requirement (LCR) & Macaulay Honors College Requirement	
<i>Requirement fulfilled</i>	
Green: Major Requirement	
Gold: Elective, Minor, or Certificate	
# - see footnote	
<u>Underlined information</u> is hyperlinked	

# FRESHMAN

## FALL

<b>ENG 111</b>	3 CR
English Composition I <i>Required Core – Communication</i>	
<b>MHC 350</b>	3 CR
The Arts in New York City <i>Fulfills Flexible Core – Creative Expression</i>	
<b>LCR</b>	3 CR
<i>Flexible Core – World Cultures and Global Issues</i>	
<b>MAT 104</b> (depending on your math placement) or Elective	3 CR
<b>GEO 101 and GEO 102 - LCR</b>	4 CR
Dynamic Earth – Lecture & Lab <i>Required Core – Life and Physical Science</i>	

Note: Macaulay Honors Advisement<sup>[3]</sup>

## SPRING

<b>MHC 351</b>	3 CR
The Peopling of New York City <i>Fulfills Flexible Core – US Experience in Its Diversity</i>	
<b>LCR</b>	3 CR
<i>Required Core – Quantitative Skills</i>	
<b>LCR</b>	3 CR
Foreign Language I <i>College Option - Foreign Language</i>	
<b>GEO 167 and GEO 168- LCR</b>	4 CR
Earth Evolution – Lecture & Lab <i>Flexible Core – Any area</i> <sup>[1]</sup>	
Elective	3 CR

Note: Macaulay Honors Advisement<sup>[3]</sup>

16 FALL CREDITS + 16 SPRING CREDITS = 32 CREDITS

# SOPHOMORE

## FALL

<b>MHC 352</b>	3 CR
Science and Technology in New York City <i>Fulfills Flexible Core – Scientific World</i>	
<b>LCR</b>	3 CR
Foreign Language II <i>College Option - Foreign Language</i>	
<b>AST 117</b>	4 CR
Astronomy of Stellar Systems – Lecture & Lab	
Elective	3 CR
Elective	3 CR

Note: Macaulay Honors Advisement<sup>[3]</sup>

## SPRING

<b>ENG 121</b>	3 CR
English Composition II <i>Required Core – Communication</i>	
<b>MHC 353</b>	3 CR
Shaping the Future of New York City <i>Fulfills Flexible Core – Individual and Society</i>	
<b>LCR</b>	3 CR
Foreign Language III <i>College Option - Foreign Language</i>	
<b>GEO 228 and GEO 229</b>	4 CR
Weather and Climate – Lecture & Lab	
Elective	3 CR

Note: Macaulay Honors Advisement<sup>[3]</sup>

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

# JUNIOR

FALL	
<b>LCR</b> Foreign Language IV <i>College Option - Foreign Language</i>	3 CR
<b>LSP ###/ MHC ###</b> <sup>[6]</sup> <i>Select one LSP/MHC Seminar</i>	3 CR
<b>GEO 2## or 3## or 4##</b> <sup>[3]</sup> Major Electives	4 CR
Minor or Certificate Course I <sup>[8]</sup>	3 CR
Note: Additional Macaulay Requirements <sup>[4]</sup>	

SPRING	
<b>Internship or Study Abroad</b> or <b>Elective</b> <sup>[5]</sup>	3 CR
<b>LSP ###/ MHC ###</b> <sup>[6]</sup> <i>Select one LSP/MHC Seminar</i>	3 CR
<b>GEO 245</b> Earth Materials – Lecture & Lab	4 CR
Minor or Certificate Course II <sup>[8]</sup>	3 CR
Note: Additional Macaulay Requirements <sup>[4]</sup>	

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

# SENIOR

FALL	
<b>Senior Year Option 1 or 2</b> <sup>[7]</sup>	3-6 CR
<b>LSP ###/ MHC ###</b> <sup>[6]</sup> <i>Select one LSP/MHC Seminar</i>	3 CR
<b>GEO 2## or 3## or 4##</b> <sup>[2]</sup> Major Electives	4 CR
Elective	3 CR
Minor or Certificate Course III <sup>[8]</sup>	3 CR

SPRING	
<b>Senior Year Option 1 or 2</b> <sup>[7]</sup>	3-6 CR
<b>GEO 4500</b> Topics in Earth Science	2 CR
Elective	3 CR
Elective	3 CR
Minor or Certificate Course IV <sup>[8]</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] 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.

[3] Every Macaulay Honors student is required to meet with the Macaulay Honors Advisor prior to registration during their first four terms.

[4] Every Macaulay Honors student is required to complete a minimum of 30 hours of community service by their senior year.

[5] Every Macaulay Honors student is required to complete at least one (1) qualifying internship or study abroad experience. Students may fulfill this requirement with a paid, unpaid, and credit-bearing or non-credit bearing experience. In all instances, students must complete an MHC internship agreement form and subsequent internship evaluation, in order to be acknowledged for fulfilling this requirement.

[6] Every Macaulay Honors student is required to complete nine (9) credits in Upper Level honors courses (MHC or LSP). These courses can be taken at the Macaulay Honors College, which may require an ePermit (See Advisor). They may also be taken on campus by enrolling in an LSP Seminar.

[7] Macaulay Honors students may chose a Senior Option 1 or Senior Option 2 based on the following

Senior Option 1

Fall Semester: LSP ###/ MHC ### (select one LSP/MHC seminar)

Spring Semester: Honors in Major (Where offered) or LSP 481: Honors Tutorial

Senior Option 2

Fall Semester: LSP ###/ MHC ### (select one LSP/MHC seminar) and MHC 355: Research Seminar(Part 1)

Spring Semester: MHC 355: Research Seminar (Part 2)

[8] 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. See information on available minors and certificates.

*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.