Macaulay Honors College
MHC Mathematics, BA

Academic Plan: MHCMAT-BA
Program Code: 34243

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 a Mathematics 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**
43-47	**Major Credits**
17-22	**Elective Credits**

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

FRESHMAN

FALL

ENG 111   3 CR
English Composition I
Required Core – Communication

MHC 350   3 CR
The Arts in New York City
Fulfills Flexible Core – Creative Expression

LCR   3 CR
Flexible Core – World Cultures and Global Issues

MAT 104 (depending on your math placement) or   3 CR
Elective

Elective   3 CR

Note: Macaulay Honors Advisement[3]

SPRING

MHC 351   3 CR
The Peopling of New York City
Fulfills *Flexible Core – US Experience in Its Diversity*

LCR   3 CR
Required Core – Life and Physical Science

LCR   3 CR
Foreign Language I
College Option - Foreign Language

MAT 172 - LCR   4 CR
Pre-Calculus
Required Core: Quantitative Skills

CMP 167   3 CR
Programming Methods I

Note: Macaulay Honors Advisement[3]

15 FALL CREDITS + 16 SPRING CREDITS = 31 CREDITS

SOPHOMORE

FALL

MHC 352   3 CR
Science and Technology in New York City Fulfills *Flexible Core – Scientific World*

LCR   3 CR
Foreign Language II
College Option - Foreign Language

LSP ###/ MHC ### [6]   3 CR
Select one LSP/MHC Seminar

MAT 175 and MAT 155 -LCR   5 CR
Calculus I and Lab I
Flexible Core – Any area [1]

Note: Macaulay Honors Advisement[3]

SPRING

ENG 121   3 CR
English Composition II
Required Core – Communication

MHC 353   3 CR
Shaping the Future of New York City
Fulfills *Flexible Core – Individual and Society*

MAT 176 and MAT 156   5 CR
Calculus II and Lab II

Elective   4 CR

Note: Macaulay Honors Advisement[3]

31 PRIOR CREDITS + 14 FALL CREDITS + 15 SPRING CREDITS = 60 CREDITS

JUNIOR

FALL

LCR	3 CR
Foreign Language III	
College Option - Foreign Language	
LSP ###/ MHC ### [6]	3 CR
Select one LSP/MHC Seminar	
MAT 226	4 CR
Vector Calculus	
MAT 313	4 CR
Elements of Linear Algebra	

Note: Additional Macaulay Requirements [4]

SPRING

Internship or Study Abroad or Elective [5]	3 CR
MAT 314	4 CR
Algebra and Number Systems I	
MAT 320	4 CR
Analysis I	
MAT 323 or MAT 330 or MAT 424	4 CR
Ordinary Differential Equations or Probability and Statistics or Partial Differential Equations and Applications	

Note: Additional Macaulay Requirements [4]

60 PRIOR CREDITS + 14 FALL CREDITS + 15 SPRING CREDITS = 89 CREDITS

SENIOR

FALL

Senior Year Option 1 or 2 [7]	3-6 CR
LSP ###/ MHC ### [6]	3 CR
Select one LSP/MHC Seminar	
MAT 2##, 3## or 4## [2]	3 CR
Major Electives	
MAT 2##, 3## or 4## [2]	3 CR
Major Electives	
Elective	4 CR

SPRING

Senior Year Option 1 or 2 [7]	3-6 CR
LCR	3 CR
Foreign Language IV	
College Option - Foreign Language	
MAT 2##, 3## or 4## [2]	3 CR
Major Electives	
MAT 2##, 3## or 4## [2]	3 CR
Major Electives	
Elective	3 CR

89 PRIOR CREDITS + 16 FALL CREDITS + 15 SPRING CREDITS = 120 CREDITS

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

[2] Select four MAT courses (12-16 credits total) from 200-Level or higher. **NOTE: MAT 328, MAT 231; MAT 300; MAT 301 and MAT 348 will not count.

[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)

NOTE: Mathematics majors pursuing NYS teaching certification should consult with their education program adviser before choosing the required elective courses.

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.

August 22, 2018