Macaulay Honors College
Computer Information Systems, BS

Academic Plan: MHCCIS-BS
Program Code: 60201

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 Computer Information Systems Degree.
You and your advisor will use it, along with the program of study for your major (found in the Lehman Bulletin for your admission year) 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**
55-57	**Major Credits**
5-12	**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   3 CR
placement) or Elective

ECO 166   3 CR
Introduction to Macroeconomics
Flexible Core – Any area [1]

Note: Macaulay Honors Advisement[4]

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

CIS 166   3 CR
Computer Programming for Information Processing

CIS 211   4 CR
Computer Information Systems

MAT 132-LCR   4 CR
Introduction to Statistics
Required Core – Quantitative Skills

Note: Macaulay Honors Advisement[4]

15 FALL CREDITS + 17 SPRING CREDITS = 32 CREDITS

SOPHOMORE

FALL

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

LCR   3 CR
Foreign Language I
College Option - Foreign Language

LSP ###/ MHC ### [7]   3 CR
Select one LSP/MHC Seminar

CIS 212   3 CR
Microcomputer Architecture

ECO 167   3 CR
Introduction to Microeconomics

Note: Macaulay Honors Advisement[4]

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*

LCR   3 CR
Foreign Language II
College Option - Foreign Language

CIS 244   3 CR
Introduction to Database Management

MAT 171   4 CR
Problem Solving for Management, Economics, and Life Sciences

Note: Macaulay Honors Advisement[4]

32 PRIOR CREDITS + 15 FALL CREDITS + 16 SPRING CREDITS = 63 CREDITS

JUNIOR

FALL

LSP ###/ MHC ### [7] 3 CR
Select one LSP/MHC Seminar

CIS 331 3 CR
Network Introduction

CIS 344 3 CR
Database Design and Programming

MAT 174 4 CR
Elements of Calculus

MAT 301 4 CR
Applied Statistics and Computer Analysis
for Social Scientists

Note: Additional Macaulay Requirements [5]

SPRING

**Internship or Study Abroad
or Elective** [6] 3 CR

ACC 171 or ACC 185 3 CR
Principles of Accounting I *or*
Introduction to Accounting for Non-
Accounting Majors

CGI/CIS 2##, 3##, 4## or CMP 267 [2] 3 CR
Major Electives

CGI/CSI 3##, 4## or CMP 267 [2] 3 CR
Major Electives

MAT 348 4 CR
Mathematical Methods for Management

Note: Additional Macaulay Requirements [5]

63 PRIOR CREDITS + 17 FALL CREDITS + 16 SPRING CREDITS = 96 CREDITS

SENIOR

FALL

Senior Year Option 1 or 2 [8] 3-6 CR

LSP ###/ MHC ### [7] 3 CR
Select one LSP/MHC Seminar

LCR 3 CR
Foreign Language III
College Option - Foreign Language

CIS 2## or PHI 221 or POL 229 [3] 3 CR
Further Major Electives

SPRING

Senior Year Option 1 or 2 [8] 3-6 CR

LCR 3 CR
Foreign Language IV
College Option - Foreign Language

CIS 2## or PHI 221 or POL 229 [3] 3 CR
Further Major Electives

Elective 3 CR

96 PRIOR CREDITS + 12 FALL CREDITS + 12 SPRING CREDITS = 120 CREDITS

[1] No more than wo courses in one disciplne may be used to satisfy the Flexible Core requirements.

[2] Major Elective Courses: Two additional CIS courses chosen at a 200-level or higher or: CGI 221, CGI 321, CGI 421, or CMP 267. One of the courses must be a 300- or 400- level CIS course.

[3] Further Major Electives: Students must choose two courses from the following: One 200-level CIS course or higher or PHI 221 or POL 299.

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

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

[6] 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.

[7] 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.

[8] 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: 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.

August 22, 2018