Biology, BA

Subplan 70 Credits

Academic Plan: BIO-BA
Program Code: 39823

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 Biology 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**
69-70	**Major Credits**
8-9	**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 — 3 CR
English Composition I
Required Core – Communication

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

LCR — 3 CR
Flexible Core –Individual and Society

BIO 166 - LCR — 4 CR
Principles of Biology: Cells and Genes
Required Core – Life and Physical Science

Elective — 3 CR
LEH 100 (recommended)
The Liberal Arts - Freshman Seminar

SPRING

ENG 121 — 3 CR
English Composition II
Required Core – Communication

LCR — 3 CR
Flexible Core - US Experience in Its Diversity

BIO 167- LCR — 4 CR
Principles of Biology: Organisms
Flexible Core – Any area [1]

CHE 166 — 4 CR
General Chemistry I

CHE 167 — 1.5 CR
General Chemistry Lab I

17 FALL CREDITS + 15.5 SPRING CREDITS = 32.5 CREDITS

SOPHOMORE

FALL

LCR — 3 CR
Foreign Language I
Lehman College Option

BIO 2## or 3## or 4## [3] — 3 CR
Advanced Biology

CHE 168-LCR — 4 CR
General Chemistry II
Flexible Core – Scientific World

CHE 169 — 1.5 CR
General Chemistry Lab II

MAT 175 [5] — 4 CR
Calculus I

MAT 155 — 1 CR
Calculus I Lab

SPRING

LCR — 3 CR
Foreign Language II
Lehman College Option

LCR — 3 CR
Flexible Core – Creative Expression

CHE 232 — 3 CR
Organic Chemistry Lecture

CHE 233 — 2 CR
Organic Chemistry I Lab

PHY 166 — 5 CR
General Physics I

32.5 PRIOR CREDITS + 16.5 FALL CREDITS + 16 SPRING CREDITS = 65 CREDITS

JUNIOR

FALL

LCR **LEH 352, 353, 354, or 355** [2] *Lehman College Option*	3 CR
LCR *Flexible Core – World Cultures and Global Issues*	3 CR
CHE 234 Organic Chemistry Lecture II	3 CR
CHE 235 Organic Chemistry Lab II	2 CR
PHY 167 General Physics II	5 CR

SPRING

LCR **LEH 352, 353, 354, or 355** [2] *Lehman College Option*	3 CR
BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
Mathematics Course [4] Select one pair	3-4 CR

65 PRIOR CREDITS + 16 FALL CREDITS + 12 SPRING CREDITS = 93 CREDITS

SENIOR

FALL

BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
Elective [5]	3 CR
Elective [5]	3 CR

SPRING

BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
BIO 2## or 3## or 4## [3] Advanced Biology	3 CR
Elective [5]	3 CR
Elective [5]	3 CR

93 PRIOR CREDITS + 15 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] **Advanced Biology Courses: Select eight courses (24 credits total) at the 200-Level, 300-Level or 400-Level, with at least 12 credits at the 300-Level or higher.**

[4] **Mathematics (7-8 Credits) Select one of the following pairs:**

- **MAT 175 and MAT 176**
- **MAT 175 and MAT 231**
- **BIO 240 or PSY 226**

[5] **Qualified students may also take:**

BIO 450-Biology Seminar, BIO 489- Introduction to Experimental Biology, BIO 490-Honors in Biological Sciences

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.