

# Biology, BA

## Subplan 53 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 Teacher 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](#)

# 53

Major Credits

# 16

Minor or Certificate Credits (Required)

# 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	
<b>ENG 111</b> English Composition I <i>Required Core – Communication</i>	3 CR
<b>LCR</b> <i>Flexible Core - US Experience in Its Diversity</i>	3 CR
<b>MAT 104</b> (depending on your math placement) or <b>Elective</b>	3 CR
<b>BIO 166 - LCR</b> Principles of Biology: Cells and Genes <i>Required Core – Life and Physical Science</i>	4 CR
<b>Elective</b> <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 – Creative Expression</i>	3 CR
<b>LCR</b> <i>Flexible Core – Individual and Society</i>	3 CR
<b>MAT-172 – LCR</b> Pre-Calculus <i>Required Core – Quantitative Skills</i>	4 CR
<b>BIO 167</b> Principles of Biology: Organisms	4 CR

16 FALL CREDITS + 17 SPRING CREDITS = 33 CREDITS

# SOPHOMORE

FALL	
<b>LCR</b> Foreign Language I <i>Lehman College Option</i>	3 CR
<b>LCR</b> <i>Flexible Core – Any area</i> <sup>[1]</sup>	3 CR
<b>CHE 166- LCR</b> General Chemistry I <i>Flexible Core – Scientific World</i>	4 CR
<b>CHE 167</b> General Chemistry Lab I	1.5 CR
<b>MAT 175</b> Calculus I	4 CR
<b>MAT 155</b> Calculus I Lab	1 CR

SPRING	
<b>LCR</b> Foreign Language II <i>Lehman College Option</i>	3 CR
<b>LCR</b> <i>Flexible Core – World Cultures and Global Issues</i>	3 CR
<b>BIO 2##, 3##, 4##</b> <sup>[3]</sup> Advanced Biology Courses	4 CR
<b>CHE 168</b> General Chemistry II	4 CR
<b>CHE 169</b> General Chemistry Lab II	1.5 CR

33 PRIOR CREDITS + 16.5 FALL CREDITS + 15.5 SPRING CREDITS = 65 CREDITS

# JUNIOR

FALL	
<b>LCR</b> <b>LEH 352, 353, 354, or 355</b> <sup>[2]</sup> <i>Lehman College Option</i>	3 CR
<b>BIO 2##, 3##, 4##</b> <sup>[3]</sup> Advanced Biology Courses	4 CR
<b>CHE 232</b> Organic Chemistry Lecture I	3 CR
<b>CHE 233</b> Organic Chemistry Lab I	2 CR
Minor or Certificate Course I <sup>[4]</sup>	3 CR

SPRING	
<b>LCR</b> <b>LEH 352, 353, 354, or 355</b> <sup>[2]</sup> <i>Lehman College Option</i>	3 CR
<b>BIO 2##, 3##, 4##</b> <sup>[3]</sup> Advanced Biology Courses	4 CR
<b>PHY 166</b> General Physics I	5 CR
Minor or Certificate Course II <sup>[4]</sup>	3 CR

65 PRIOR CREDITS + 15 FALL CREDITS + 15 SPRING CREDITS = 95 CREDITS

# SENIOR

FALL	
<b>BIO 2##, 3##, 4##</b> <sup>[3]</sup> Advanced Biology Courses	4 CR
Elective	3 CR
Minor or Certificate Course III <sup>[4]</sup>	3 CR
Minor or Certificate Course IV <sup>[4]</sup>	3 CR

SPRING	
<b>BIO 2##, 3##, 4##</b> <sup>[3]</sup> Advanced Biology Courses	4 CR
Elective	3 CR
Elective	2 CR
Minor or Certificate Course V <sup>[4]</sup>	3 CR

95 PRIOR CREDITS + 13 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 (20 Credits):  
12 credits (3-4 courses) must be at the 300 level or higher

Suggested Courses- BIO 238, BIO 241, BIO 227, BIO 228, BIO 339, BIO 432, BIO 433

[4] Middle and High School Education Minor:

- ESC 301
- ESC 302
- ESC 419
- ESC 429
- ESC 463

*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.](#)