

# ACE Two-Year Map

## Biology, BS

### Subplan Brain Sciences

Academic Plan: BIO-BS

Program Code: 34022

This degree map is a term-by-term sample course schedule designed to assist you and your ACE advisor in planning your 2-year academic path to graduation with a Biology degree. This map is intended for students who have earned an AA or AS degree from a community college.

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.

# 6

Lehman College Option Credits

# 49

Major Credits

# 5

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

# JUNIOR

FALL	
<b>LCR</b> <u>LEH 352, 353, 354, or 355</u> <sup>[1]</sup> <i>Lehman College Option</i>	3 CR
<b>BIO 238</b> Genetics	4 CR
<b>BIO 240</b> Biostatistics	3 CR
<b>CHE 232</b> Organic Chemistry Lecture I	4 CR
<b>CHE 233</b> Organic Chemistry Lab I	2 CR

SPRING	
<b>LCR</b> <u>LEH 352, 353, 354, or 355</u> <sup>[1]</sup> <i>Lehman College Option</i>	3 CR
<b>BIO 320</b> <sup>[2]</sup> Neural Development: From Genes and Cells to Brains (List A)	3 CR
<b>BIO 321</b> <sup>[2]</sup> Neural Development Lab (List A)	2 CR
<b>CHE 234</b> Organic Chemistry Lecture II	4 CR
<b>CHE 235</b> Organic Chemistry Lab II	2 CR

16 FALL CREDITS + 14 SPRING CREDITS = 30 CREDITS

# SENIOR

FALL	
<b>BIO 340</b> <sup>[2]</sup> Human Body and Brain (List A)	3 CR
<b>BIO 341</b> <sup>[2]</sup> Human Body and Brain Lab (List A)	2 CR
<b>BIO 435</b> <sup>[2]</sup> Neurophysiology (List A)	3 CR
<b>BIO 4##</b> <sup>[3]</sup> Select Any From List (List B)	1 CR
<b>PHY 166</b> General Physics I	5 CR

SPRING	
<b>PSY 3##</b> <sup>[4]</sup> Select Any From List (List C)	3 CR
<b>PSY 3##</b> <sup>[4]</sup> Select Any From List (List C)	3 CR
<b>PHY 167</b> General Physics II	5 CR
Elective <sup>[5]</sup>	3 CR
Elective <sup>[5]</sup>	2 CR

30 PRIOR CREDITS + 15 FALL CREDITS + 15 SPRING CREDITS = 60 CREDITS

[1] 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 351: Studies in Science & Applied Perspectives, LEH 352: Studies in Literature, 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).

*Brain Sciences Sub plan (20-22 credits)*

[2] 13 Credits from List A: BIO 320, BIO 321, BIO 340, BIO 341, BIO 435

[3] At least 1 Credit from List B: BIO 450, BIO 489, BIO 490

[4] 6 Credits from List C: PSY 308, PSY 310, PSY 312, PSY 314, PSY 317, PSY 366

[5] Students who have completed an AAS degree may have additional general education courses to complete

*NOTE: BIO 181, 182 and 230 are not accepted towards the major.*

See other degree maps.