



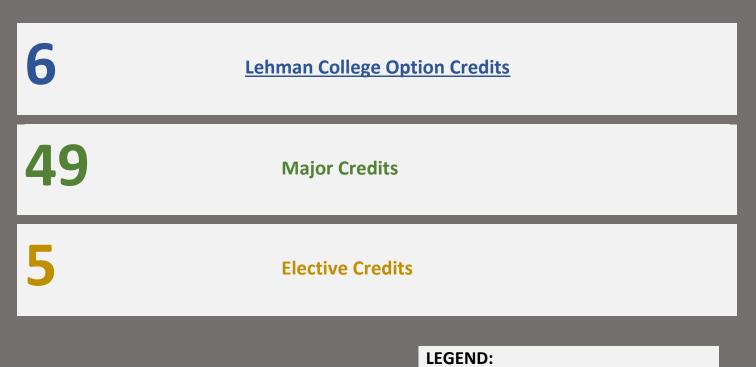
# ACE Two-Year Map Biology, BS Subplan Brain Sciences

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 <u>Lehman Bulletin</u> for the year of your major declaration) and Degree Works (degree audit system), to formulate your customized plan.



Course AbbreviationCreditsClass NameBlue: Lehman Core Requirement (LCR)<br/>Requirement fulfilledGreen: Major RequirementGold: Elective, Minor, or Certificate# - see footnoteUnderlined information is hyperlinked

## FALL

| FALL   |      | JEN                           |
|--|------|-------------------------------|
| LCR<br><u>LEH 352, 353, 354, or 355</u> <sup>[1]</sup><br><u>Lehman College Option</u> | 3 CR | LCR<br><u>LEH 35</u><br>Lehma |
| BIO 238<br>Genetics  | 4 CR | BIO 32<br>Neural<br>and Ce    |
| BIO 240<br>Biostatistics   | 3 CR | <u>BIO 32</u><br>Neural       |
| CHE 232<br>Organic Chemistry Lecture I   | 4 CR | <u>CHE 23</u><br>Organi       |
| CHE 233<br>Organic Chemistry Lab I   | 2 CR | CHE 23<br>Organi              |

### SPRING

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

#### **16 FALL CREDITS + 14 SPRING CREDITS = 30 CREDITS**

SENIOR

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

#### **SPRING**

| PSY 3## <sup>[4]</sup><br>Select Any From List (List C) | 3 CR |
|---|------|
| PSY 3## <sup>[4]</sup><br>Select Any From List (List C) | 3 CR |
| <u>PHY 167</u><br>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.

<u>See other degree maps</u>.