

**LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK**

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** *Course description, hours, credits*

2. **From:**

Department(s)	Biological Sciences
Career	☐ Undergraduate ☒ Graduate
Academic Level	☒ Regular ☐ Compensatory ☐ Developmental ☐ Remedial
Subject Area	Biology
Course Prefix & Number	BIO 762
Course Title	Physiological Ecology: Lecture
Description	Study of the organisms behavioral and physiological adjustments for survival and reproduction in response to changes in the ecosystem.
Pre/ Co Requisites	
Credits	3
Hours	3
Liberal Arts	☒ Yes ☐ No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	☒ Not Applicable ☐ Required ☐ English Composition ☐ Mathematics ☐ Science ☐ Flexible ☐ World Cultures ☐ US Experience in its Diversity ☐ Creative Expression ☐ Individual and Society ☐ Scientific World

3. **To:**

Department(s)	Biological Sciences
Career	☐ Undergraduate ☒ Graduate

Academic Level	☒ Regular ☐ Compensatory ☐ Developmental ☐ Remedial
Subject Area	Biology
Course Prefix & Number	BIO 762
Course Title	Physiological Ecology: Lecture
Description	Study of the organism's behavioral and physiological adjustments for survival and reproduction in response to changes in the ecosystem. <u>Open-source online platforms will be used for data analysis.</u>
Pre/ Co Requisites	
Credits	<u>4</u>
Hours	<u>4</u>
Liberal Arts	☒ Yes ☐ No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	☒ Not Applicable ☐ Required ☐ English Composition ☐ Mathematics ☐ Science ☐ Flexible ☐ World Cultures ☐ US Experience in its Diversity ☐ Creative Expression ☐ Individual and Society ☐ Scientific World

4. Rationale:

Inclusion of data analysis training will require additional time commitment, increasing the lecture duration from 3 hours, 3 credits to 4 hours, 4 credits. This additional content will modernize the course and leverage the open-source online platforms currently available for data analysis. Students will have more time during lectures to receive training in utilizing various online tools for data analysis and interpretation. This training will enable them to explore biodiversity and species distribution changes, which will inform their studies of Physiological Ecology.

5. Date of departmental approval: 04/29/26