

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

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

1. **Type of change:** *Experimental Course*

2.

Department(s)	Biological Sciences
Career	☒ Undergraduate ☐ Graduate
Academic Level	☒ Regular ☐ Compensatory ☐ Developmental ☐ Remedial
Subject Area	Biological Sciences
Course Prefix & Number	BIO 243
Course Title	Animal Care and Management Practicum
Description	Animal care and management, clinic operations, and veterinary techniques including hands-on experience, research facility workflows, biosafety, and veterinary support aligned with national laws and standards.
Pre/ Co Requisites	BIO 166, grade C or higher, and BIO 167, grade C or higher
Credits	1
Hours	2
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. **Rationale:**

To foster collaboration between Bronx Community College and the Lehman College Animal Care Facility and jointly offer a structured educational and workforce-development training program in animal care and management of laboratory-animal in a biomedical research context.

4. **Learning Outcomes (By the end of the course students will be expected to):**

1. Demonstrate Humane handling and husbandry of laboratory rodents (mouse and rat).
2. Application of biosecurity, PPE, sanitation, and facility access protocols.
3. Supervised health observation, documentation, and reporting.
4. Operation and sterilization of laboratory and vivarium equipment.
5. Application of IACUC, OLAW/PHS, and biosafety standards.
6. Professional conduct appropriate for research and veterinary environments.

5. **Date of Departmental Approval:** 04/29/26