**REQUIRED CORE LIFE AND PHYSICAL SCIENCE COURSES**

Queens College General Education Statement: This course satisfies the Life and Physical Science (LPS) requirements of the Pathways Genral Education Required Core

***All LPS courses must satisfy the following learning outcomes:***

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| LPS 1: Identify and apply the fundamental concepts and methods of a life or physical science. |
| LPS 2: Apply the scientific method to explore natural phenomena, including hypothesis development, observation, experimentation, measurement, data analysis, and data presentation. |
| LPS 3: Use the tools of a scientific discipline to carry out collaborative laboratory investigations. |
| LPS 4: Gather, analyze, and interpret data and present it in an effective written laboratory or fieldwork report. |
| LPS 5: Identify and apply research ethics and unbiased assessment in gathering and reporting scientific data. |