NATURAL SCIENCES DIVISION
Joseph Kulkosky, PhD, Professor of Biology
- Chair of the Natural Sciences Division; Chair of the Biology Department

BIOLOGY, FORENSIC BIOLOGY, MOLECULAR BIOLOGY, and ENVIRONMENTAL SCIENCE Department
Joseph Kulkosky, PhD, Professor of Biology
- Chair of the Natural Sciences Division; Chair of the Biology Department
Lakshmi Atchison, PhD, Professor of Biology
Barbara Gialiano, EdD, Adjunct Faculty, Biology
Robert Meyer, PhD, Professor of Biology
Lisa McKernan, PhD, Associate Professor of Biology
Kenneth Soprano, PhD, Professor of Biology

Chestnut Hill College offers a Bachelor of Science (BS) in Biology, a Bachelor of Science (BS) in Forensic Biology, a Bachelor of Science (BS) in Molecular Biology, and a Bachelor of Science (BS) in Environmental Science. In addition, the Department offers minors in Biology, Environmental Science, and Molecular Biology. Interested students should contact Dr. Joseph Kulkosky, Room 522, St. Joseph Hall. Telephone: 215.248.7157. Email: kulkoskyj@chc.edu.

The Secondary Education Co-Major and Special Education Minor are available to Biology Majors as part of the Secondary Education Certification Preparation Program in Biology (Grades 7-12) Students interested in the Co-Major/Minor should contact the Coordinator of Undergraduate Education at 215.248.7129.

Advanced Placement Test Information
Generally, a score of 3 or above on an Advanced Placement Test earns academic credit at the College. Scores on the following tests are equivalent to the course/credit indicated however, the Department reserves the right to require the student to demonstrate sufficient laboratory skills to award credit. Evidence of such skills may consist of a detailed description of the laboratory exercises performed or a detailed laboratory notebook signed by the High School Instructor.

<table>
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<tr>
<th>AP TEST</th>
<th>SCORE</th>
<th>EQUIVALENT COURSE</th>
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<tbody>
<tr>
<td>Biology</td>
<td>3</td>
<td>BIOL-111: Principles of Biology I (4 credits)</td>
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<tr>
<td>Biology</td>
<td>4 or 5</td>
<td>BIOL-112: Principles of Biology II (4 credits)</td>
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<tr>
<td>Environmental Sciences</td>
<td>3, 4, or 5</td>
<td>BIOL-106: Ecology and Environmental Issues (4 credits)</td>
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General Course Options
In addition to courses for majors, there are many Biology courses that are open to students of any major wishing to fulfill the Natural Science Core Requirement, or are interested in exploring personal interests without committing to a minor. The following are open to any undergraduate student meeting the Pre-Requisites; check the Course Descriptions section for additional information on the following:

Biology/Core Natural Science Requirement
BIOL-101: General Biology I (3.5 credits)
BIOL-102: General Biology II (3.5 credits)
BIOL-106: Ecology and Environmental Issues (4 credits)
BIOL-125: Ponds and Streams (4 credits)
BIOL-126: The Biology of Cancer

BIOL-145: Forests and Fields
BIOL-215: Biological and Medical Ethics (Fulfills Core Ethics Req)
BIOL-206: General Zoology (4 credits)
BIOL-210: Nutrition (4 credits)

Departmental Mission
The Biology Department supports the liberal arts tradition of Chestnut Hill College by providing fundamental knowledge in all areas of Biology. The Biology major provides students with a sound and comprehensive understanding of information and issues in several sub-disciplines of the biological and biomedical sciences as well as a strong foundation in Chemistry, Mathematics, and Physics. The curriculum develops communication skills, problem solving abilities, analytical reasoning, and critical thinking. The goal is to meet the specific needs of individual students and to prepare them to be competitive when moving on to post-graduate education, other professional specialization, or careers in the life sciences.

All students receive a core of courses that provides a common broad base of sound scientific knowledge to provide students with a well-rounded, solid education. Elective courses then complete the curriculum to further develop the student’s expertise in a sub-discipline of Biology. Students exposed to such a multidisciplinary program should be better prepared to think in more global terms in their approach to the diversity of problems in the life sciences.

Articulation Agreements
Students interested in any of the following programs should contact Lisa McKernan, Room 521, St. Joseph Hall. Telephone: 215.248.7106. Email: mckernanl@chc.edu