Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

**Program Description**

This minor is designed for students in non-Life Science majors, who desire to obtain an in-depth and well-rounded knowledge of Biology – the science of life and living organisms. This minor is not intended for "Life Science" oriented majors, including Biological Anthropology, Premedicine, and Science, Life Science option. After taking an introductory survey course which exposes students to the basics of Biology, including the chemistry of life, cell structure, genetics, mechanisms of evolution and evolutionary history of biological diversity, plant and animal form and function, and ecology, students select additional courses based on their biological emphasis to account for a total of 18-20 credits. In conjunction with the student's major, the minor prepares students for entry to graduate school or professional school programs, as well as for technical or research careers with governmental agencies or industry. Majors complemented by this minor would include but not be limited to other life and physical sciences, engineering, and business.

**What is Biology?**

Biology is the scientific study of life: the diversity and organization of organisms, from single-celled bacteria to multi-cellular plants and animals, including humans. These different levels of biological organization range from the molecules and cells that compose an organism, to the interacting organisms that make up an ecosystem.

**You Might Like this Program If...**

- You want to complement your major by acquiring additional knowledge and skills in biology.
- You have an interest in learning more about biology, but do not have enough time to complete the major.

**Program Requirements**

**Requirements for the Minor**

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10).

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>BIOL 110</td>
<td>Biology: Basic Concepts and Biodiversity</td>
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**Additional Courses**

Select 7-8 credits of the following:

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<tbody>
<tr>
<td>BIOL 129</td>
<td>Mammalian Anatomy</td>
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<tr>
<td>BIOL 141</td>
<td>Introductory Physiology</td>
</tr>
<tr>
<td>BIOL 142</td>
<td>Physiology Laboratory</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Genetics</td>
</tr>
</tbody>
</table>
Brandywine
Mick Yoder
Assistant Professor of Biology
25 Yearsley Mill Road
Media, PA 19063
610-892-1462
mdy103@psu.edu

Scranton
Dale Holen
Associate Professor
Dawson 207
Dunmore, PA 18512
570-963-2579
dah13@psu.edu

York
Anne Vardo-Zalik
Associate Professor of Biology
1 Elias Science Building
York, PA 17403
717-718-6705
amv12@psu.edu

Contact
University Park
DEPARTMENT OF BIOLOGY
228 Ritenour Building
University Park, PA 16802
814-865-2329

Abington
DIVISION OF SCIENCE AND ENGINEERING
1600 Woodland Road
Abington, PA 19001
215-881-7300
epi1@psu.edu

Altoona
DIVISION OF MATHEMATICS AND NATURAL SCIENCES
Hawthorn Building 109
3000 Ivyside Park
Altoona, PA 16601
814-949-5205
lkp3@psu.edu

Berks
DIVISION OF SCIENCE
Luerssen Science Building
Reading, PA 19610
610-396-6328