A minimum of 125 credits is needed for graduation (127 if MA 011 is taken). This major requires a minimum of 67 credits with 3 years of completed coursework at Elizabethtown. Some major courses may also fulfill Core requirements.

Requirements for B.S. Degree (Completed at Etown)
Cooperative in Biology – Temple University School of Dentistry
Academic Year 2013 – 2014

Name: ______________________________________________________
Advisor: ______________________________________________________

**MAJOR COURSES FOR FIRST 3 YEARS ON CAMPUS**

*Students must complete one year of biology; organic chemistry; inorganic chemistry by the end of their sophomore year. In addition, students must complete one year of physics with associated laboratories by the end of their junior year. GPA must be a 3.2 in the major and overall.*

<table>
<thead>
<tr>
<th>Biology Department</th>
<th>Credits</th>
<th>Grade</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 111 Molecules, Cells and Animal Systems</td>
<td>4.00</td>
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<tr>
<td>BIO 112 Prin. of Evolution, Ecology and Diversity of Life</td>
<td>4.00</td>
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<tr>
<td>BIO 211 Genetics</td>
<td>4.00</td>
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<tr>
<td>BIO 324 General Physiology</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 324L General Physiology Laboratory</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Take 7 or 8 credits from the following:
BIO ____ ______________________________  ____  ____   ____
BIO ____ ______________________________  ____  ____   ____

CH 105 Fundamentals of Chemistry     4.00        ____  ____   ____
CH 113 Organic Chemistry I           4.00        ____  ____   ____
CH 114 Organic Chemistry II          4.00        ____  ____   ____
CH 242 Physical Inorganic Chemistry  4.00        ____  ____   ____

Take (PHY 103 and PHY 104) or (PHY 200 and PHY 201)

PHY ___ ______________________________  4.00  ____  ____   ____
PHY ___ ______________________________  4.00  ____  ____   ____

Take MA 117, 121 or 251
MA ___ ______________________________  4.00  ____  ____   ____

Additional English Requirement:
EN 100 or EN 150 (Completed as a core requirement)
EN ___ ______________________________  4.00  ____  ____   ____

If Fourth Year is completed at Elizabethtown College:

Take BIO313/313L or 317
BIO ___ ______________________________  4.00  ____  ____   ____

Take 7 or 8 credits from the following *(at least 15 biology elective credits total are required):*

BIO ___ ______________________________  3/4  ____  ____   ____
BIO ___ ______________________________  3/4  ____  ____   ____
BIO 412 Biology Seminar               1.00  ____  ____   ____

BIOT+3+4 (off-Campus for 4th year) 3/7/2013