**NATURAL SCIENCE, MINOR**

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 Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements for the Minor</td>
<td>20-23</td>
</tr>
</tbody>
</table>

**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 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student’s major(s).

**Prescribed Courses**

*Prescribed Courses: Require a grade of C or better*

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC 400</td>
<td>Consequences of Science</td>
<td>1</td>
</tr>
</tbody>
</table>

**Additional Courses**

*Additional Courses: Require a grade of C or better*

Select 3-4 credits of the following: 3-4

- ASTRO 1  Astronomical Universe
- ASTRO 10 Elementary Astronomy
- ASTRO 11 and Elementary Astronomy Laboratory
- BISC 1  Structure and Function of Organisms
- BISC 2  Genetics, Ecology, and Evolution
- BISC 3  Environmental Science
- BISC 4  Human Body: Form and Function
- BMB 1   The Science of Sickness
- CHEM 1  Molecular Science
- CHEM 3  Molecular Science With Laboratory
- MICRB 106 Elementary Microbiology
- MICRB 107 and Elementary Microbiology Laboratory
- PHYS 1  The Science of Physics

Select 3-4 credits of the following: 3-4

- CMPSC 101 Introduction to Programming
- CMPSC 121 Introduction to Programming Techniques
- CMPSC 201 Programming for Engineers with C++
- CMPSC 203 Introduction to Spreadsheets and Databases
- MATH 110 Techniques of Calculus I
- MATH 140 Calculus With Analytic Geometry I
- STAT 200 Elementary Statistics
- STAT 250 Introduction to Biostatistics

Select 8-9 credits of the following: 8-9

- BIOL 11 Introductory Biology I
- BIOL 12 and Introductory Biology II
- BIOL 110 Biology: Basic Concepts and Biodiversity
- CHEM 110 Chemical Principles I
- CHEM 111 and Experimental Chemistry I

**Supporting Courses and Related Areas**

*Supporting Courses and Related Areas: Require a grade of C or better*

Select 0-2 credits of 496 (independent studies) courses from the Eberly College of Science course offerings

Select 3-5 credits of 400-level courses (other than independent studies) from the Eberly College of Science course offerings 3-5

1 A student may not use credit for BISC 1 or BISC 2 along with credit for BIOL 11 and BIOL 12, or BIOL 110.
2 A student may not use credit for CHEM 1 or CHEM 3 along with credit for CHEM 110 and CHEM 111 or CHEM 112 and CHEM 113.
3 A student may not use credit for PHYS 1 along with credit for PHYS 250 or PHYS 251.
4 A student may not use credit for MICRB 106 and MICRB 107 along with credit for MICRB 201 and MICRB 202.