## 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>
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<th>Requirement</th>
<th>Credits</th>
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<tr>
<td>Requirements for the Minor</td>
<td>20-23</td>
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### 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](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).

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

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

- SC 400 Consequences of Science 1

#### 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++ or CMPSC 202
- 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
- CHEM 112 Chemical Principles II & CHEM 113 and Experimental Chemistry II
- MICRB 201 Introductory Microbiology & MICRB 202 and Introductory Microbiology Laboratory
- PHYS 250 Introductory Physics I
- PHYS 251 Introductory Physics II

#### 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 0-2

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.