ECOLOGY MINOR

Ecology is the study of the interactions among organisms, and the relationship between organisms and their environment. Through foundational biology courses (BIO101 and BIO102), students demonstrate the scientific method by designing experiments, analyzing data, and evaluating and interpreting results. In Ecology (BIO201), students build upon these skills and apply the scientific method to ecological systems. Through additional elective courses, students expand their content knowledge and ecological skill-set within areas of specific interest.

Updated: November 2, 2021

Minor Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 101</td>
<td>General Biology I</td>
<td>4</td>
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<tr>
<td>BIO 102</td>
<td>General Biology II</td>
<td>4</td>
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<tr>
<td>BIO 210</td>
<td>Ecology</td>
<td>4</td>
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</tbody>
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Required Electives

Select one to two required electives of the following: \(^2,3\) 6-8

- BIO 205 Concepts of Environmental Science
- BIO 215 Urban Ecology
- BIO 301 Tropical Ecosystem Assessment
- BIO 305 Evolutionary Biology
- BIO 307 Microbial Ecology
- BIO 322 Animal Behavior
- BIO 221 Botany
  or BIO 281 Botany
- BIO 399U Topic: Plants and People
- BIO 399Z Topics: Evolutionary Biology
- ENS 326 Geographic Information Systems
- ENV 288 Flora and Fauna of the Hudson Valley
- ENV 297M Topic: Humans and Ecosystems
- ENV 344 Habitats of the Hudson Valley: Identification and Assessment

Total Credits 18-20

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1. For approval requirements, including the possibility of applying BIO 101 General Biology I and BIO 102 General Biology II towards a Biology minor, students must see Biology Department program director. Note that each of the following courses has either a required co-requisite or pre-requisite and minimum grade requirements.

2. Students are required to obtain approvals from the Biology Dept. program director for any selected course.

3. Note: none of the following courses can also count towards a student’s major courses or a Biology minor.