PLANT BIOLOGY AND CONSERVATION MS

Degree Requirements

The following requirements are in addition to, or further elaborate upon, those requirements outlined in The Graduate School Policy Guide (https://catalogs.northwestern.edu/tgs/academic-policies-procedures).

Master's

Overview of MS Tracks in Plant Biology and Conservation

Thesis MS

Total Units Required: 11

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses (4 units)</strong></td>
<td></td>
</tr>
<tr>
<td>PBC 450-0</td>
<td>Field and Laboratory Methods in Plant Biology and Conservation (2 units)</td>
</tr>
<tr>
<td>PBC 451-0</td>
<td>Critical Topics in Ecology and Conservation (1 unit)</td>
</tr>
<tr>
<td>PBC 435-0</td>
<td>Quantitative Methods for Ecology &amp; Conservation (1 unit)</td>
</tr>
</tbody>
</table>

**Electives (5 units)**

One elective from Ecology and Evolution/Genetics is recommended:

**Ecology**

PBC 402-0 Plant Community Ecology (1 unit)

PBC 418-0 Soils and the Environment: The Earth's Critical Zone (1 unit)

**Evolution/Genetics**

PBC 401-0 Plant Evolution & Diversity Lab (1 unit)

PBC 430-0 Conservation Genetics (1 unit)

BIOL_SCI 341-0 Population Genetics (1 unit)

BIOL_SCI 378-0 Functional Genomics (1 unit)

**Independent Study (PBC 499-0) (2 units)**

**Capstone**

Research/Thesis

Land Management non-thesis MS

Total Units Required: 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td></td>
</tr>
<tr>
<td>PBC 450-0</td>
<td>Field and Laboratory Methods in Plant Biology and Conservation (2 units)</td>
</tr>
<tr>
<td>PBC 451-0</td>
<td>Critical Topics in Ecology and Conservation (1 unit)</td>
</tr>
<tr>
<td>PBC 435-0</td>
<td>Quantitative Methods for Ecology &amp; Conservation (1 unit)</td>
</tr>
</tbody>
</table>

**PBC 402-0** Plant Community Ecology (1 unit)

Total core: 5 units

**Electives**

Total electives: 4 units

**Capstone**

Internship/Project

**Duration**

1 year