# 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 Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>PBC 450-0</td>
<td>Field and Laboratory Methods in Plant Biology and Conservation</td>
<td>2 units</td>
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<tr>
<td>PBC 451-0</td>
<td>Critical Topics in Ecology and Conservation</td>
<td>1 unit</td>
</tr>
<tr>
<td>PBC 435-0</td>
<td>Biostatistics (Biostatistics/Data science requirement)</td>
<td>1 unit</td>
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Or other options. See PBC Handbook for reference.

**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)
    - PBC 499-0: Independent Study

**Capstone**

**Research/Thesis**

#### Land Management non-thesis MS

Total Units Required: 9

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Or other options. See PBC Handbook for reference.

Total core: 5 units

**Electives**

Total electives: 4 units

- PBC 499-0: Independent Study

**Capstone**

Internship/Project

**Duration**

1 year