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>
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<th>Course</th>
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<td><strong>Core Courses (4 units)</strong></td>
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<tr>
<td>PBC 450-0</td>
<td>Field and Laboratory Methods in Plant Biology and Conservation (2 units)</td>
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<tr>
<td>PBC 451-0</td>
<td>Critical Topics in Ecology and Conservation (1 unit)</td>
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<tr>
<td>PBC 435-0</td>
<td>Biostatistics (Biostatistics/Data science requirement- (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