PLANT BIOLOGY AND CONSERVATION MS

Duration
1 year

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

Course	Title
Core Courses (4 units)	
PBC 450-0	Field and Laboratory Methods in Plant Biology and Conservation (2 units)
PBC 451-0	Critical Topics in Ecology and Conservation (1 unit)
A Data Science or Statistics course (1 unit). Options include but are not limited to: - PBC 435 Biostatistics, or see PBC Handbook for further options	
Electives (5 units)	
Five elective courses for graduate credit at the 300- or 400- level chosen from PBC and other departmental courses	
PBC 470-0	Special Topics in Plant Biology and Conservation
Ecology	
PBC 402-0	Plant Population and Community Ecology (1 unit)
PBC 410-0	Plant-Animal Interactions (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 415-0	Spring Flora (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 (2 Units)	
Capstone	
Research/Thesis	

Land Management non-thesis MS
Total Units Required: 9

Course	Title
Core Courses	
PBC 450-0	Field and Laboratory Methods in Plant Biology and Conservation (2 units)
PBC 451-0	Critical Topics in Ecology and Conservation (1 unit)
A Data Science or Statistics course (1 unit). Options include but are not limited to:-PBC 435 Biostatistics, or see PBC Handbook for further options	
Total core: 4 units	
Electives	
Five elective courses for graduate credit at the 300- or 400- level chosen from PBC and other departmental courses	
Total electives: 5 units	
PBC 499-0	Independent Study
Capstone	
Internship/Project	