

M.S. in Biological Sciences

The M.S. in Biological Sciences covers a broad array of ecological topics and serves the needs of students whose thesis research addresses basic, fundamental ecological principles or of those conducting applied research not involving fish or wildlife management. It may be a terminal degree leading to professional employment as an ecologist, but may also lead to a Ph.D. in Biological Sciences or other discipline. Coursework associated with this degree tends to emphasize fundamental principles of ecology. To learn more about applying for the program, please see the Ecology Graduate Admissions Information (https://www.montana.edu/ecology/graduate_admissions.html) page.

The student's graduate committee will work with the student following a required oral qualifying exam during the second semester in attendance to finalize the following required plan of study. The committee may require additional electives for completing a Master's degree in the Department of Ecology. Statistics courses may be recommended as electives.

Courses

Ecology Program

BIOE 554	Foundations of Ecology & Mgmt	1
BIOE 555	Communication in Ecol Sciences	1
Choose one		3
BIOE 521	Conservation Biology	
BIOE 548	Conservation Genetics	
BIOE 532	Physiological Plant Ecol	
WILD 501	Applied Population Ecology	
Choose one		3-4
BIOE 542	Community Ecology	
BIOE 515	Landscape Ecol & Mgmt	
LRES 568	Ecosystem Biogeochemistry	
Electives (minimum)		11-12
Thesis		10
