

# PLANT SCIENCE, MASTER OF SCIENCE (M.S.)

**Thesis only:** 30 credits

A program of study approved by the Advisor must be completed prior to the second semester of enrollment. This plan must be filed with the Graduate Director. The program requires a minimum of 30 semester hours of course work beyond the B.S. degree, including 6 hours of thesis research credits (799). A minimum of 12 credit hours must be earned in course-work at the 600 level or higher. Students are also required to complete one semester hour of PLSC618 and one semester hour of PLSC619. Students must also complete one semester each of 400-level (or higher) biochemistry, plant physiology, and statistics which may be completed as part of a B.S. or M.S. degree program.

A thesis must be submitted to the Graduate School. This thesis is approved by the Thesis Examining Committee appointed by the Dean of the Graduate School upon the recommendation of the student's advisor. The advisor serves as the chairperson of the examining committee and the student's advisory committee typically serves as members of the examining committee. Committee membership must comply with Graduate School requirements for membership. The submitted thesis must comply with the University of Maryland Thesis and Dissertation Style Guide.

It is the responsibility of the Advisor and Student to ensure that all University Research Assurances are followed. Research involving human subjects must be approved in advance by the Institutional Review Board (IRB). Research involving the use of vertebrate animals must be approved in advance by the Animal Care and Use Committee. Research using hazardous materials (chemical or biological), recombinant RNA/DNA must be approved in advance by the appropriate University committee

Course	Title	Credits
Core Requirements		
PLSC608	Research Methods	2
PLSC618	Advances in Research; Critiquing Primary Plant Science Literature	1
PLSC619	Seminars in Plant Science and Landscape Architecture	1
PLSC799	Master's Thesis Research	6
Additional coursework		20
Total Credits		30