

PLANT SCIENCE: ENVIRONMENT (PH.D.)

Offered by: Plant Science (Faculty of Agricultural and Environmental Sciences)

Degree: Doctor of Philosophy

Program Description

****This program is currently not offered.****

The Ph.D. in Plant Science Environment is a research program offered in collaboration with the Bieler School of Environment. As a complement to the unit's expertise, the program considers how various dimensions (scientific, social, legal, ethical) interact to define environment and sustainability issues.

Students who have taken their M.Sc. degree at McGill University will be required to spend one term in study at another research institution.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Invitational Seminar

Expand allContract all

Course	Title	Credits
PLNT 690	Research Horizons in Plant Science 1.	0

Required Courses (3 credits)

Expand allContract all

Course	Title	Credits
ENVR 615	Interdisciplinary Approach Environment and Sustainability.	3
PLNT 701	Doctoral Comprehensive Examination. ¹	0

¹ Must be taken within the first year of registering

Complementary Courses (6 credits)

3-6 credits from:

Expand allContract all

Course	Title	Credits
ENVR 610	Foundations of Environmental Policy.	3
ENVR 614	Mobilizing Research for Sustainability.	3

3 credits from:

Expand allContract all

Course	Title	Credits
ENVR 585	Readings in Environment 2.	3
ENVR 630	Civilization and Environment.	3
ENVR 680	Topics in Environment 4.	3

or 3 credits at the 500 level or higher recommended by the Advisory Committee and approved by the Environment Option Committee.