

ECOLOGICAL AGRICULTURE MINOR (B.SC.(AG.ENV.SC.)) (24 CREDITS)

Offered by: Agricultural Economics (Faculty of Agricultural and Environmental Sciences)

Degree: Bachelor of Science (Agricultural and Environmental Sciences)

Program credit weight: 24

Program Description

The Minor Ecological Agriculture is designed to focus on the principles underlying the practice of ecological agriculture and is suitable for students wishing to farm and do extension and government work, and those intending to pursue postgraduate studies in this field.

This Minor can be associated with existing major programs in the Faculty, but in some instances it may require more than 90 credits to meet the requirements of both the Major and the Minor.

Students are advised, during the U1 year, to consult their Major program adviser and the Academic Adviser of the Minor. At the time of registration for the U2 year, students must declare their intent to obtain the Minor. With the agreement of their Major program adviser they must submit their program of courses already taken, and to be taken, to the Academic Adviser of the Minor. The Academic Adviser of the Minor will then certify which courses the student will apply toward the Minor and confirm that the student's program conforms with its requirements.

For information on academic advising, see: <https://www.mcgill.ca/macdonald/studentinfo/advising>

General Regulations

To obtain a Minor in Ecological Agriculture, students must:

1. Ensure that their academic record at the University includes a C grade or higher in the courses as specified in the course requirements given below.
2. Offer a minimum total of 24 credits from the courses as given below, of which not more than 6 credits may be counted for both the Major and the Minor programs. This restriction does not apply to elective courses in the Major program.

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.

Required Courses (12 credits)

Expand allContract all

Course	Title	Credits
AGEC 430	Agriculture, Food and Resource Policy.	3
AGRI 215	Agro-Ecosystems Field Course.	3

AGRI 340	Principles of Ecological Agriculture.	3
SOIL 535	Soil Ecology.	3

Complementary Courses (12 credits)

Expand allContract all

Course	Title	Credits
AGRI 310	Internship in Agriculture/Environment.	3
AGRI 411	Global Issues on Development, Food and Agriculture.	3
ANSC 312	Animal Health and Disease.	3
BREE 327	Bio-Environmental Engineering.	3
ENTO 352	Biocontrol of Pest Insects.	3
MICR 331	Microbial Ecology.	3
NUTR 341	Global Food Security.	3
PLNT 302	Forage Crops and Pastures.	3
PLNT 307	Agroecology of Vegetables and Fruits.	3
PLNT 312	Urban Horticulture.	3
PLNT 434	Weed Biology and Control.	3
PLNT 460	Plant Ecology.	3
WOOD 441	Integrated Forest Management.	3