

SOIL AND WATER RESOURCES MAJOR (B.SC.(AG.ENV.SC.)) (24 CREDITS)

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

Degree: Bachelor of Science (Agricultural and Environmental Sciences)

Program credit weight: 24

Program Description

** This program is currently not offered. **

This specialization will interest students who want to understand how soils and water interact within managed ecosystems such as urban or agricultural landscapes. The conservation and management of agricultural soils, issues affecting watershed management and decision making, and the remediation of contaminated soils will be examined. When taken with the Agro-Environmental Sciences Major and the specialization in Professional Agrology, this specialization conforms with the eligibility requirements for the Ordre des agronomes du Québec.

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

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 (15 credits)

Expand allContract all

Course	Title	Credits
AGRI 435	Soil and Water Quality Management.	3
BREE 217	Hydrology and Water Resources.	3
SOIL 326	Soils in a Changing Environment.	3
SOIL 331	Environmental Soil Physics.	3
SOIL 535	Soil Ecology.	3

Complementary Courses (9 credits)

Expand allContract all

Course	Title	Credits
BREE 322	Organic Waste Management.	3
BREE 327	Bio-Environmental Engineering.	3
BREE 510	Watershed Systems Management.	3
BREE 529	GIS for Natural Resource Management.	3
ENVB 529	GIS for Natural Resource Management.	3

NRSC 333	Pollution and Bioremediation.	3
SOIL 300	Geosystems.	3

¹ Note: Students may take BREE 529 GIS for Natural Resource Management. or ENVB 529 GIS for Natural Resource Management., but not both.