

# ENVIRONMENT MINOR (B.SC. (AG.ENV.SC.)) OR (B.SC.) (18 CREDITS)

**Offered by:** Bieler School of Environment

**Degree:** Bachelor of Science (Agricultural and Environmental Sciences)

**Program credit weight:** 18

## Program Description

This 18-credit Minor Environment is intended for Faculty of Agricultural and Environmental Sciences students, and Faculty of Science students, but is open to students from other faculties as well, except Arts, Law, and Management. Students in Arts, Law, and Management should complete the Minor Concentration Environment.

## Advising Note

Consultation with the Program Adviser for approval of course selection to meet program requirements is obligatory. No overlap is allowed between this program and the student's major program or concentration, or a second minor program.

**Note:** For information about Fall 2025 and Winter 2026 course offerings, please refer to Visual Schedule Builder. A technical issue is causing the "Terms offered" field to incorrectly report "this course is not currently offered" for many courses in the Course Catalogue.

## Complementary Courses (18 credits)

18 credits of complementary courses, all of which must fall outside the discipline or field of the student's major program or concentration, and which must be 200-level or above, selected as follows:

12 credits of Bieler School of Environment core courses:

The core ENVR courses are taught at both campuses. You should register in Section 001 of an ENVR course that you plan to take on the Downtown Campus, and in Section 051 of an ENVR course that you plan to take on the Macdonald Campus.

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Course	Title	Credits
ENVR 200	The Global Environment.	3
ENVR 201	Society, Environment and Sustainability.	3
ENVR 202	The Evolving Earth.	3
ENVR 203	Knowledge, Ethics and Environment.	3
ENVR 400	Environmental Thought.	3

6 credits of environmentally related courses selected with the approval of the Program Adviser (at least 3 credits must be in social sciences). A list of Suggested Courses is given below.

## Suggested Course List

The Suggested Course List is divided into two thematic categories: Social Sciences and Policy; and Natural Sciences and Technology.

Most courses listed at the 300 level and higher have prerequisites. You are urged to prepare your program of study with this in mind.

This list is not exhaustive. You are encouraged to examine the course lists of the various domains in the Environment program for other courses that might interest you. Courses not on the Suggested Course List may be included with the permission of the Bieler School of Environment Program Adviser.

Some courses on the Suggested Course List may be subject to other regulations (e.g., the Restricted Courses List for Faculty of Science students). If in doubt, ask the Program Adviser.

## Location Note

When planning your schedule and registering for courses, you should verify where each course is offered because courses for this program are taught at both McGill's Downtown campus and at the Macdonald Campus in Sainte-Anne-de-Bellevue.

## Social Sciences and Policy

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Course	Title	Credits
AGEC 231	Economic Systems of Agriculture.	3
AGEC 333	Resource Economics.	3
AGEC 430	Agriculture, Food and Resource Policy.	3
AGEC 442	Economics of International Agricultural Development.	3
AGRI 411	Global Issues on Development, Food and Agriculture.	3
ANTH 206	Environment and Culture.	3
ANTH 212	Anthropology of Development.	3
ANTH 339	Ecological Anthropology.	3
ANTH 418	Environment and Development.	3
ANTH 512	Political Ecology.	3
ECON 205	An Introduction to Political Economy.	3
ECON 225	Economics of the Environment.	3
ECON 326	Ecological Economics.	3
ECON 347	Economics of Climate Change.	3
ECON 405	Natural Resource Economics.	3
EDER 494	Human Rights and Ethics in Practice.	3
ENVB 437	Assessing Environmental Impact.	3
ENVR 201	Society, Environment and Sustainability.	3
ENVR 203	Knowledge, Ethics and Environment.	3
ENVR 400	Environmental Thought.	3
ENVR 421	Montreal: Environmental History and Sustainability.	3
GEOG 200	Geographical Perspectives: World Environmental Problems.	3
GEOG 210	Global Places and Peoples.	3
GEOG 216	Geography of the World Economy.	3

GEOG 221	Environment and Health.	3	URBP 551	Urban Design and Planning.	3
GEOG 300	Human Ecology in Geography.	3	WCOM 314	Communicating Science.	3
GEOG 301	Geography of Nunavut.	3	<b>Natural Sciences and Technology</b>		
GEOG 302	Environmental Management 1.	3	Expand allContract all		
GEOG 303	Health Geography.	3	<b>Course</b>	<b>Title</b>	<b>Credits</b>
GEOG 310	Development and Livelihoods.	3	AGRI 340	Principles of Ecological Agriculture.	3
GEOG 403	Global Health and Environmental Change.	3	ANSC 326	Fundamentals of Population Genetics.	3
GEOG 408	Geography of Development.	3	ATOC 214	Introduction: Physics of the Atmosphere.	3
GEOG 423	Dilemmas of Development.	3	ATOC 215	Oceans, Weather and Climate.	3
GEOG 530	Global Land and Water Resources.	3	BIOL 240	Monteregian Flora.	3
HIST 249	Health and the Healer in Western History.	3	BIOL 305	Animal Diversity.	3
HIST 292	History and the Environment.	3	BIOL 308	Ecological Dynamics.	3
NRSC 221	Environment and Health.	3	BIOL 310	Biodiversity and Ecosystems.	3
PHIL 221	Introduction to History and Philosophy of Science 2.	3	BIOL 342	Global Change Biology of Aquatic Ecosystems.	3
PHIL 230	Introduction to Moral Philosophy 1.	3	BIOL 418	Freshwater Invertebrate Ecology.	3
PHIL 237	Contemporary Moral Issues.	3	BIOL 432	Limnology.	3
PHIL 334	Ethical Theory.	3	BIOL 436	Evolution and Society.	3
PHIL 341	Philosophy of Science 1.	3	BIOL 465	Conservation Biology.	3
PHIL 343	Biomedical Ethics.	3	BREE 217	Hydrology and Water Resources.	3
PHIL 348	Philosophy of Law 1.	3	BREE 322	Organic Waste Management.	3
POLI 212	Introduction to Comparative Politics – Europe/ North America.	3	BREE 327	Bio-Environmental Engineering.	3
POLI 227	Introduction to Comparative Politics - Global South.	3	BREE 518	Ecological Engineering.	3
POLI 345	International Organizations.	3	CHEM 212	Introductory Organic Chemistry 1.	4
POLI 350	Global Environmental Politics.	3	CHEM 281	Inorganic Chemistry 1.	3
POLI 412	Canadian Voting/Public Opinion.	3	CIVE 225	Environmental Engineering.	4
POLI 445	International Political Economy: Monetary Relations.	3	CIVE 323	Hydrology and Water Resources.	3
PSYC 215	Social Psychology.	3	CIVE 550	Water Resources Management.	3
RELG 270	Religious Ethics and the Environment.	3	COMP 202	Foundations of Programming.	3
RELG 370	Religion and Human Rights.	3	COMP 204	Computer Programming for Life Sciences.	3
SOCI 222	Urban Sociology.	3	ENVB 210	The Biophysical Environment.	3
SOCI 234	Population and Society.	3	ENVB 301	Meteorology.	3
SOCI 235	Technology and Society.	3	ENVB 305	Population and Community Ecology.	3
SOCI 254	Development and Underdevelopment.	3	ENVB 410	Ecosystem Ecology.	3
SOCI 307	Globalization.	3	ENVB 415	Ecosystem Management.	3
SOCI 365	Health and Development.	3	ENVB 529	GIS for Natural Resource Management.	3
SOCI 366	Neighborhoods and Inequality .	3	ENVR 200	The Global Environment.	3
SOCI 386	Contemporary Social Movements.	3	ENVR 202	The Evolving Earth.	3
URBP 201	Planning the 21st Century City.	3	ENVR 422	Montreal Urban Sustainability Analysis.	3
URBP 504	Planning for Active Transportation.	3	EPSC 201	Understanding Planet Earth.	3
URBP 506	Environmental Policy and Planning.	3	EPSC 233	Earth and Life Through Time	3
URBP 530	Urban Infrastructure and Services in International Context .	3	EPSC 549	Hydrogeology.	3
			ESYS 301	Earth System Modelling.	3
			FDSC 230	Organic Chemistry.	4
			GEOG 200	Geographical Perspectives: World Environmental Problems.	3
			GEOG 201	Introductory Geo-Information Science.	3

GEOG 205	Global Change: Past, Present and Future.	3
GEOG 272	Earth's Changing Surface.	3
GEOG 308	Remote Sensing for Earth Observation.	3
GEOG 321	Climatic Environments.	3
GEOG 322	Environmental Hydrology. <sup>1</sup>	3
GEOG 372	Running Water Environments.	3
GEOG 470	Wetlands.	3
GEOG 550	Historical Ecology Techniques.	3
LSCI 230	Introductory Microbiology. <sup>1</sup>	3
MICR 331	Microbial Ecology.	3
MIME 320	Extraction of Energy Resources.	3
MIMM 211	Introductory Microbiology. <sup>1</sup>	3
MIMM 214	Introductory Immunology: Elements of Immunity.	3
MIMM 323	Microbial Physiology.	3
NRSC 333	Pollution and Bioremediation.	3
PARA 410	Environment and Infection.	3
PARA 515	Water, Health and Sanitation.	3
PHYS 228	Energy and the Environment.	3
PLNT 304	Biology of Fungi.	3
PLNT 305	Plant Pathology.	3
PLNT 358	Flowering Plant Diversity.	3
PLNT 460	Plant Ecology.	3
SOIL 300	Geosystems.	3
WILD 302	Fish Ecology.	3
WILD 421	Wildlife Conservation. <sup>1</sup>	3

<sup>1</sup> Note: you may take LSCI 230 Introductory Microbiology. or MIMM 211 Introductory Microbiology., but not both; you may take ENVB 529 GIS for Natural Resource Management. or GEOG 201 Introductory Geo-Information Science., but not both; you may take one of BREE 217 Hydrology and Water Resources., CIVE 323 Hydrology and Water Resources. or GEOG 322 Environmental Hydrology.; you may take BIOL 308 Ecological Dynamics. or ENVB 305 Population and Community Ecology., but not both; you may take BIOL 465 Conservation Biology. or WILD 421 Wildlife Conservation., but not both; you may take COMP 202 Foundations of Programming. or COMP 204 Computer Programming for Life Sciences., but not both; you may take EPSC 201 Understanding Planet Earth. or EPSC 233 Earth and Life Through Time, but not both.