

ENVIRONMENT, BIELER SCHOOL OF

About the Bieler School of Environment

McGill's Faculties of Arts, Science, and Agricultural and Environmental Sciences have forged a unique approach to the study of environment through the interfaculty, trans-disciplinary Bieler School of Environment. The rapid growth of technology, global economies, and global population have dramatic and significant environmental impacts that are felt locally and in the short-term as well as perturbations affecting large-scale global ecosystems felt over hundreds if not thousands of years. Solutions to the environmental challenges we face will come from an understanding of global ecosystems and the conflicting and complex ways in which human activities are intertwined with them. Studying environmental problems at the intersection of the natural environment and human-built world requires a depth and breadth of knowledge in both the social and natural sciences. The approach of the Bieler School of Environment programs is to introduce students to a broad range of ideas early in the program to provide a foundation and an openness upon which more specialized, disciplinary knowledge can be built. The Bieler School attracts exceptional students able to comprehend and navigate the complex dynamics of environmental challenges and who are catalysts of change in their communities.

The mission of the Bieler School of Environment is:

- to provide a program that will develop a broad-based environmental literacy in the undergraduate population;
- to develop opportunities for graduate students to pursue studies of the environment at an advanced level to create future leaders and researchers; and
- to generate new ideas, new insights, new technologies, and new approaches to understanding and redressing environmental problems through academic research and outreach that draws on the University's existing strength in research and spans disciplinary boundaries.

A joint initiative of the Faculty of Agricultural and Environmental Sciences, the Faculty of Arts, and the Faculty of Science, the School of Environment offers a B.Sc. (Ag.Env.Sc.) Major in Environment, BSc Major in Environment, a B.A. & Sc. Interfaculty Program in Environment, a BA Faculty Program in Environment, a Minor in Environment and a Diploma in Environment. The B.A., B.Sc., B.Sc. (Ag.Env.Sc.) and B.A. & Sc. programs also have an Honours or Joint Honours option. Many of the Bieler School of Environment programs allow students to choose to study exclusively on either the Macdonald or Downtown campus, or to take advantage of both.

Programs Offered

- Minor in Environment
 - Environment Concentration Minor (B.A.)
 - Environment Minor (B.Sc.(Ag.Env.Sc.)) or (B.Sc.)
- B.A. Faculty Program in Environment
 - Faculty Program Environment - Ecological Determinants of Health in Society (B.A.) (54 credits)

- Faculty Program Environment - Economics and the Earth's Environment (B.A.) (54 credits)
- Faculty Program Environment - Environment and Development (B.A.) (54 credits)
- Bachelor of Arts and Science (B.A. & Sc.) - Interfaculty Programs
 - Environment Interfaculty Program (B.A. & Sc.)
- Major in Environment - B.Sc.(Ag.Env.Sc.) and B.Sc.
 - Environment Major - Ecological Determinants of Health - Cellular (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Ecological Determinants of Health - Population (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Environmetrics (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Food Production and Environment (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Land Surface Processes and Environmental Change (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Renewable Resource Management (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Water Environments & Ecosystems - Biological (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (60 credits)
 - Environment Major - Water Environments and Ecosystems - Physical (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
 - Environment Major - Biodiversity and Conservation (B.Sc.(Ag.Env.Sc.)) or (B.Sc.) (63 credits)
- Major in Environment - B.Sc.
 - Environment Major - Atmospheric Environment and Air Quality (B.Sc.) (60 credits)
 - Environment Major - Earth Sciences and Economics (B.Sc.) (66 credits)
- Honours Program in Environment
 - Environment Honours (B.A.)
 - Environment Honours (B.Sc.)
 - Environment Honours (B.A. & Sc.)
 - Environment Honours (B.Sc.(Ag.Env.Sc.))
- Joint Honours Component Environment
 - Environment Joint Honours Component (B.A.) (36 credits)
- Diploma in Environment
 - Environment (Dip.) (30 credits)

Location

Downtown Campus

3534 University Street
Montreal, Quebec H3A 2A7
Telephone: 514-398-2827

Macdonald Campus

Rowles House
21,111 Lakeshore Road
Sainte-Anne-de-Bellevue, Quebec H9X 3V9

Environment Program Advisor

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Website: mcgill.ca/environment/undergraduate-studies/program-advising