



**McGill**



**Program Proposal Form**

(09/2003)

**AC-04-110**

<p><b>1.0 Degree Title</b> Bachelor Science</p> <p><b>1.1 Major</b> (Subject) (30 char. Max) Environment</p> <p><b>1.2 Concentration</b> (Concentration/Option) (30 char. Max)</p> <p><b>1.3 Minor</b> (with Concentration, if applic.) (30 char. Max)</p>	<p><b>2.0 Administering Faculty/Unit</b> Arts</p> <p style="text-align: center;"><b>Offering Faculty/Department</b> Science</p> <p><b>3.0 Effective Term of Implementation:</b> (eg. 200409) 200509</p>
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<b>4.0 Program Information</b>	
<b>4.1 Program Type:</b>	Bachelor's Program
<b>4.2 Category:</b>	Honours
<b>4.3 Level:</b>	Undergraduate
<b>5.0 Total Credits 63 to 72</b>	
<b>6.0 Consultation with Related Units (Y/N) y</b>	
Morton Mendelson, AD Academic, Science	
Will Hendershot, AD Academic, Agricultural and Environmental Sciences	
Enrica Quaroni, AD Academic, Arts	
Gordon Ewing, Chair, Geography	
Marilyn Scott, Parasitology	
MSE students	
<b>Financial Consultation? (Y/N) n</b>	

**7.0 Description** (max 150 words)

To be eligible for Honours, students must satisfy the requirements set by the Faculty of Science. In addition they must satisfy the following:

1. Students apply for the Honours program in March of their U2 year.
2. Applicants must have a minimum Program GPA (GPA of all required and complementary courses for the B.Sc. Major in Environment taken at McGill) of 3.3 to enter the Honours program.
3. Students must earn a B grade (3.0) or higher for ENVR 495 Honours Research.
4. Students are required to achieve a minimum overall CGPA of 3.0 at graduation, and a minimum Program GPA of 3.3 to obtain Honours.

**8.0 Program Course Listing**

## NOTE:

Students are required to take a maximum of 30 credits at the 200-level and a minimum of 18 credits at the 400-level or higher in this program. This includes Required courses.

Courses offered at the Macdonald Campus are marked with an (M). The MSE (ENVR) courses are offered at both campuses.

**Core - Required Courses** (24 credits)

ENVR 200 (3) The Global Environment  
 ENVR 201 (3) Society and Environment  
 ENVR 202 (3) The Evolving Earth  
 ENVR 203 (3) Knowledge, Ethics and Environment  
 ENVR 301 (3) Environmental Research Design  
 ENVR 400 (3) Environmental Thought  
 ENVR 495 D1N1 (3) Honours Research  
 ENVR 495 D2N2 (3) Honours Research

**Core - Complementary Courses** (3 credits)

3 credits\* - Senior Research Project  
 ENVR 401 (3) Environmental Research  
 ENVR 451 (6) Research in Panama (in Panama)  
 AGRI 519 (6) Sustainable Development Plans (in Barbados)  
 \* Only 3 credits will be applied to the program; extra credits will count as electives.

**Required and Complementary courses - Domain** (36 - 45 credits, depending on Domain)  
 (Courses vary with Domain)

**9.0 Rationale**

Student demand for an Honours program in the MSE has been high for several years. Many MSE students indicate a high interest in continuing their education beyond the Bachelor level, and in fact a large number of our graduates continue on in Masters programs.

While Honours are not technically required for graduate studies, the research experience is valuable preparation. Completing an Honours thesis would also offer an experience that is substantially different from the ENVR 401 Research in Environment course, which is a one-semester group project.

In consultations with the MSE students, it was decided that the 3 credits of Senior Research requirement would be retained. This is a distinct experience that the students wanted to retain. Also, in the event that a student is unable to achieve Honours, they can still complete the regular program.

Honours thesis supervisors will be responsible for ensuring ethical and safety protocols are followed where applicable, and will be responsible for any funding requirements resulting from the project.

MSE faculty members have indicated a willingness to supervise undergraduate research. We expect approximately 10 to 15 students to apply for Honours annually. Given a pool of potential thesis supervisors of about 50 people drawn from the MSE jointly-appointed faculty, MSE faculty lecturers, and MSE Associate Members, students would not be expected to have too much trouble finding a supervisor, nor would an unduly heavy load be placed on only a few professors.

Given the novel nature of this program, the MSE plans to review it after two years, and make any changes that are needed.

**10.0 Approvals**

Routing Sequence	Name	Signature	Date
Department	Colin Chapman		
Curric/Acad Cmty			
Faculty 1			
Faculty 2			
Faculty 3			
SCTP			
GS			
APPC			
Senate			

**Submitted by:**

Pete Barry, MSE Program Coordinator

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Submission Date:

To be completed by ARR:

CIP Code: