AC-04-96 REV
New Course Proposal Form

(09/2003)

1. Will this new course affect a current program? ☐ Yes ☒ No
If "yes", has a Program Revision Form been submitted concurrently? ☐ Yes ☐ No

2. Teaching Department: McGill School of Environment

3. Administering Faculty/Unit: Science

4. Campus (Downtown, Macdonald, Off Campus, Distance Ed, Other – specify)
Downtown

5. Effective Term of Implementation (Ex. Sept. 2004 = 200409)
Term: 200509

6. Course Title (Limit 30 Characters) - required for all courses:
Honours Research

8. Course Title to Appear in the Calendar (optional) (Limit 59 characters):
Note: This can ONLY be an expansion of word(s) abbreviated in the 30 character course title above.
Honours Research

9. Credit Weight (or CEU's for non-credit CE courses):
6

7. Course Number(s)
Indicate course number & the number of terms spanned: (tick all that apply)

Subject/course number: ENVR 495

Course(s) Span:
☐ 1 term
☒ 2 consecutive terms (D1, D2)
☒ 2 non-consecutive terms (N1, N2)
☐ 3 terms (J1, J2, J3)

10. Schedule Type(s):
(Enter all that apply – see form, STVSCHD in Banner for a complete list.)
(i.e. Lecture, Labs, Tutorial)

	Hours per Week		Hours per Week		Hours per Week
Thesis course	9				

Total Hours per Week: 9

Total Number of Weeks: 26

11. Projected Enrolment:
15

12. Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):

ENVR 301

Acceptance to Honours Program in Environment

If the student does not have a prerequisite should web registration be blocked?
☒ **Yes** ☐ **No**

If "Yes" complete A and B:

A. Indicate minimum grade or test score(s) the student must attain in prerequisite course(s) or test(s):

B grade (3.0)

B. Can the prerequisite course(s) or test(s) be taken in the same term as this course?
☐ **Yes** ☒ **No**

13. Corequisite(s) Course Number(s):
Specify course number(s) and title(s):

If the student does not register for the corequisite in the same term should web registration be blocked?
☐ **Yes** ☐ **No**

14. Consultation Reports Attached
☐ **Yes** ☐ **N/A**

15. Additional Course Charges (must be approved by the Fee Policy Committee)
Description of Fee (e.g. screening fee) | **Amount**

16. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)
☐ **Yes** ☒ **No**

17. Other Information (specify):

18. Course Description
(as it will appear in the Calendar [maximum 50 words]):
(N.B. Faculty of Medicine must append complete course outline)

Supervised reading, research and preparation of an undergraduate thesis under the direction of a member of staff.

19. Supplementary information to appear in the Calendar in addition to the course description.
Such as: registration restriction(s), prerequisite(s), corequisite(s), equivalent course(s), contact hours, enrolment limitations, language of instruction etc.
Please enter the information as it should appear in the calendar notes.

For U3 B.A., B.Sc., and BA&Sc Honours Program in Environment students.

20. Rationale

Please see the final page of this document.

INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

To be completed by the Faculty	*To be completed by ARR*	*For Continuing Education Use*
Slot Course: ☐ Yes ☐ No	**CIP Code**	**CE Admin. Unit :**
Thesis Component: ☐ Yes ☐ No		**CE Non-Grant Courses:**
		Flat Rate: CdnFlat Rate: ☐ Yes ☐ N/A

21. Approvals:

Routing Sequence	**Departmental Meeting**	**Departmental Chair**	**Other Faculty**	**Curric/Academic Committee**	**Faculty**	**SCTP**
Name	Colin Chapman	Nigel Roulet				
Signature						
Date						

Departmental Contact Person (name/phone/email)	Pete Barry, MSE Program Coordinator, Tel. 4306, pete.barry@mcgill.ca

Rationale:
This spanned research course is for the Honours Program in Environment, which is being proposed concurrently. As only about half our students graduate in the Winter semester, the course needs to be able to run from January to December, as well as September to April.

While the MSE acknowledges the University's desire to limit the offering of spanned courses, after extensive discussions with the Faculties of Science, Arts, and Agricultural & Environmental Sciences, it was agreed that a spanned course would be appropriate for the BA, BSc, and BA&Sc Honours in Environment programs. A split version (ENVR 496 and ENVR 497) will be proposed for the BSc (AgEnvSc) Honours in Environment program.

(Note, although the administration of the MSE rotates between the Faculties or Arts (the current presiding Faculty), Science, and Agricultural & Environmental Sciences (AES), **all MSE courses are offered by the Faculty of Science,** except for ENVR 496 and ENVR 497, which will be administered by AES.)

AC-04-96 REV

ENVR 495 Honours Research

6 credits

Course Outline

Calendar Description

Supervised reading, research and preparation of an undergraduate thesis under the direction of a member of staff. Restricted to U3 students in the Honours Program in Environment. Prerequisite: ENVR 301.
Students must register in both ENVR 495D1 and ENVR 495D2 or ENVR 495N1 and ENVR 495N2. Both sections must be completed in the same 12 month period for credit to be given for either.

Guidelines

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see www.mcgill.ca/integrity for more information).
If you are unsure how to cite your research sources, please see your supervisor for guidance.

This course forms the capstone of the B.A., B.Sc., and B.A.&Sc. Honours Program in Environment.

Since this is a 6 credit course, you are expected to do approximately 234 hours of work, including work in the field, lab, and/or library, and writing. This is a spanned course, to be taken over the course of two semesters (Fall and Winter, or Winter and Fall).

You are expected to have a strong base of knowledge in your chosen research area before you undertake Honours Research. You are expected to work independently but with strong direction from a supervisor who has agreed to participate before the research or study begins.

A Research Thesis of no more than 50 pages (including figures) must be submitted to your supervisor for grading. You are also required to present your thesis proposal at a symposium organized for that purpose and to present your findings at the MSE Honours Research Symposium. This is in addition to any other requirements agreed upon by you and your supervisor. **A complete copy of the final version (after corrections) of your thesis must be submitted to the MSE Honours Program Coordinator at the end of the project.**

Responsibility of the Supervisor

The MSE greatly appreciates the effort and time required to supervise a student in the Honours Program in Environment.

The supervisor must be an MSE jointly appointed Faculty Member, or an MSE Faculty Lecturer, or an Associate Member of the MSE. Depending on the nature of the work involved in the project (fieldwork, analysis of existing data, laboratory work, literature review and analysis) supervisors are responsible for providing or approving data sets, field protocols, access to laboratory facilities and guidance with relevant literature. Supervisors are also responsible for

directing the progress of the project, commenting on first drafts of the thesis and final evaluation of the completed thesis.

In the case where more than one student collaborates on a given project, each student must have an independent research question or set of objectives and each must submit an independent thesis for evaluation. They may jointly present their results, if appropriate.

All projects must conform to the McGill Policy on the Ethical Conduct of Research Involving Human Subjects.
(See: http://www.mcgill.ca/rgo/ethics/human/). Research projects and/or research instruments which directly involve the participation of **human subjects** must be reviewed by the MSE and the McGill University Ethics Committee. This includes survey questionnaires.

The thesis supervisor is responsible for submitting the final grade before the deadline for that semester.

ENVR 495 Honours Research
Supervisor-Student Agreement
To be submitted to the MSE Honours Program Coordinator.

Student Name:

ID number: Program (and Domain):

Email: @mail.mcgill.ca (McGill email address only)

Signature:

Date:

Instructor Name:

Affiliation (department):

Email:

Instructor Signature:

Date:

Term of Project (eg. Fall 2005 – Winter 2006):

Proposed Research Thesis Title:

Project description (approx. 50 - 100 words)
Please describe the research aims and the research methodology to be used, and the location where the project will take place. Attach any ethical review statements, if needed.

Method of Evaluation:
Students will be evaluated on the basis of excellence with regard to these areas:

1. methodology and analytical skills in empirical research
2. knowledge of research
3. literature regarding the specific topic
4. organization and presentation of research
5. findings and critical reasoning skills.
6. quality of the final presentation
7. quality of the final thesis

Depending on the nature of the project, more weight may be placed on one of the first two areas. Note that grades are due by the deadline set by the Faculty of **Science**.