# New Program/Major or Minor/Concentration Proposal Form

(07/2004)

## 1.0 Degree Title
Please specify the two degrees for concurrent degree programs

- Bachelor of Science

## 1.1 Major (Legacy= Subject)(30-char. max.)

- [ ]

## 1.2 Concentration (Legacy = Concentration/Option)
If applicable to Majors only (30 char. max.)

- [ ]

## 1.3 Minor (with Concentration, if Applicable) (30 char. max.)

- Minor Earth System Science

## 2.0 Administering Faculty/Unit

- Science

## 2.1 Offering Faculty/Department

- EPSC / ATOC / GEOG

## 3.0 Effective Term of Implementation
(Ex. Sept. 2004 = 200409)

- 201309

## 4.0 Rationale for new proposal

This new minor program will provide greater choice to undergraduate students at McGill wishing to study Earth System Science. This minor will allow the ESS program to grow and flourish.

## 5.0 Program Information
Please check appropriate box(es)

### 5.1 Program Type

- [ ] Bachelor's Program  
- [ ] Master's  
- [ ] M.Sc. (Applied) Program  
- [ ] Dual Degree/Concurrent Program  
- [ ] Certificate  
- [ ] Diploma  
- [ ] Graduate Certificate  
- [ ] Graduate Diploma  
- [ ] Ph.D. Program  
- [ ] Doctorate Program (Other than Ph.D.)  
- [ ] Private Program  
- [ ] Off-Campus Program  
- [ ] Distance Education Program (By Correspondence)  
- [ ] Other (Please specify)

### 5.2 Category

- [ ] Faculty Program (FP)  
- [ ] Major  
- [ ] Joint Major  
- [ ] Major Concentration (CON)  
- [ ] Minor  
- [ ] Minor Concentration (CON)  
- [ ] Honours (HON)  
- [ ] Joint Honours Component (HC)  
- [ ] Internship/Co-op  
- [ ] Thesis (T)  
- [ ] Non-Thesis (N)  
- [ ] Other

- Please specify

### 5.3 Level

- [ ] Undergraduate  
- [ ] Dentistry/Law/Medicine  
- [ ] Continuing Ed (Non-Credit)  
- [ ] Collegial  
- [ ] Masters & Grad Dips & Certs  
- [ ] Doctorate  
- [ ] Post-Graduate Medicine/Dentistry  
- [ ] Graduate Qualifying  
- [ ] Postdoctoral Fellows

## 6.0 Total Credits

- 18

## 7.0 Consultation with Related Units

- Yes [ ] No [ ]

- Financial Consult

- Yes [ ] No [ ]

- Attach list of consultations.
8.0 Program Description (Maximum 150 words)

The Minor in Earth System Science offers students from other departments the opportunity to obtain exposure to Earth System Science and the professors and departments involved.

9.0 List of proposed program for the New Program/Major or Minor/Concentration.

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight under the headings of: Required Courses, Complementary Courses, Elective Courses)

**Minor Earth System Science (18 credits)**

**Required Courses (12 credits)**
- ESYS 200 (3) Earth System Processes
- ESYS 300 (3) Investigating the Earth System
- ESYS 301 (3) Earth System Modelling
- ESYS 500 (3) Earth Systems Applications

**Complementary Courses (6 credits)**
Two courses from 2 of 3 ESYS Departments (EPSC, ATOC, or GEOG), 300 level or higher, in consultation with the ESS student adviser.
8.0 Consultation with Related Units  □ Yes □ No  Financial Consult  □ Yes □ No
Attach list of consultations

9. Approvals
Routing Sequence  Name  Signature  Date
Department  ANDREW HINES  Andrew Hines  2012 NOV 27
Curric/Acad Committee
Faculty 1
Faculty 2
Faculty 3
SCTP
GS
APPC
Senate

Submitted by
Name
Phone
Email
Submission Date

To be completed by ARR:
CIP Code