

# '396' Undergraduate Research Project Application Form

Version: 200603

Office for Undergraduate Research in Science  
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## INSTRUCTIONS FOR STUDENTS

- **All fields are required, unless indicated otherwise.**
- Download and print this form. Complete Section C and sign.
- See "How students can apply" instructions in Section B.
- Your supervisor or department will tell you if you are selected for this project. If so, you will receive a code to register for a '396' course on MINERVA.

## SECTION A: SUPERVISOR INFORMATION

**Name:** Don R. Baker **Email:** donb@eps.mcgill.ca  
**Phone:** 514-398-7485 **Website:** \_\_\_\_\_  
**Supervisor's Department or Unit:** Earth and Planetary Sciences **Course Number:** EPSC396

## SECTION B: PROJECT INFORMATION

**Term:** Winter 2007 **Project start & end dates:** January 5 – April 11, 2007

**Project title:** Meta-Analysis of the geological and economic constraints on carbon sequestration in terrestrial reservoirs

**Project description:** Students will undertake to survey the literature and find appropriate papers on the geological and economic constraints on carbon sequestration in terrestrial reservoirs. With the guidance of the professor, the student will evaluate all costs of sequestration and build a model to estimate the total costs and therefore the value of a carbon tax necessary to encourage the sequestration of carbon rather than its emission into the atmosphere.

**Prerequisites:** Permission of instructor

**Grading scheme:** 15% Outline of research paper, 35% First draft of research paper, 50% Final research paper

**Other:** \_\_\_\_\_

**Status:** Mark with an x. This project is...  
[ ] Open to applicants  
[ x ] Already taken; no more positions available this term  
[ ] Taken, but contact me for other possible projects this term

**Ethics, safety, and training:** Which of the following, if any, is involved? Mark with an x.  
[ ] Animal subjects  
[ ] Human subjects  
[ ] Biohazardous substances  
[ ] Radioactive materials  
[ ] Handling chemicals  
[ ] Using lasers

**For undergraduate students, ethics and safety compliance is the supervisor's responsibility.**

**How students can apply:** Bring this application form and your advising transcript to me during office hours.

## SECTION C: STUDENT INFORMATION. (1) PRINT LEGIBLY AND SIGN. (2) SEE "HOW STUDENTS CAN APPLY" IN SECTION B.

**Name:** \_\_\_\_\_ **McGill ID:** \_\_\_\_\_  
**Email:** \_\_\_\_\_@mail.mcgill.ca **Phone:** \_\_\_\_\_  
**Program:** \_\_\_\_\_ (e.g., B.Sc. Maj. Chem. Minor Biology) **Level:** \_\_\_\_\_  
**(circle one)** U0 / U1 / U2 / U3  
I have not applied for another 396 course in this term.  
**Student signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## SECTION D: APPROVALS. (1) PRINT NAMES & SIGN. (2) NOTIFY OFFICE FOR UNDERGRADUATE RESEARCH IN SCIENCE. (3) GIVE STUDENT CODE TO REGISTER FOR COURSE ON MINERVA.

**Supervisor:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Unit Chair, Director, or designate** - I certify that this project conforms to departmental requirements for 396 courses. \_\_\_\_\_ **Date:** \_\_\_\_\_