

FIELD GEOLOGY III

Course Outline

An advanced field study course that provides real-world examples of major topics in the Earth Sciences.

This final field school course has two components:

- 1) A 14-15 day field component to be held late in the Summer, probably Aug 16th -30th. The field trip will be a transect of Scottish geology commencing in Glasgow and Edinburgh and traveling north. The field component encompasses a fast-paced excursion to a variety of field sites. The intent is to provide exposure to field elements of as many aspects of Earth Sciences as possible. Preliminary meetings in Oct-Nov, 2002 will be held to discuss and finalize the destination, costs and fundraising.
- 2) During the spring semester, participants will meet about 6-8 times (mostly in February and March). Participants will each research one aspect of the specific field areas and will produce a short (10 page) research report on this area, which will be incorporated into a general field trip guidebook. Near the end of the semester they will present a 20 minute summary of their research to the rest of the field school participants. During the actual field component, the student will be expected to act as a primary resource person for the area they have specifically researched.

Prerequisites: EASC 306 or permission of instructor, a valid passport or the necessary documents to enter Scotland and re-enter Canada

Textbook: There is no required textbook.

Field Equipment:

Some equipment will be provided, but the following material is strongly recommended: geologic hammer, field knapsack, 10x hand lens, first aid kit, field notebook, camera

Costs:

A \$1765 supplementary course fee is included in the registration fee for this course. The Department of Earth Sciences will subsidize some expenses for this course. This subsidy, the supplementary course fee and **\$100/student in fundraising** should be adequate for transport and accommodation. **Food will be the responsibility of the student.** Depending on the exact route of the field stops and unanticipated incidental expenses, it is expected that students will only need to budget for personal expenses during this field school (~\$350 minimum).

Grading:

There will not be any formal examinations. The grade will be based on the research report and seminar, field trip exercises, field trip guidance at the specific research area, **fund raising** and general participation.

Report: 35%: 10 pages, single spaced: (not including diagrams, photos and references)

Seminar: 35%: 12-15 minutes (each person)

Field: 20%: Exercises/Field Books

Participation: 10%

Health Insurance:

Students must arrange for foreign travel health insurance for this field school. Students who cannot demonstrate that they have this coverage will not continue to the field exercise component of this course.

Application Package:

Students will be required to complete and sign a personal data form, legal waiver form, code of conduct form and a photocopy of the photo page of passport.