

## Field Geology III

Earth Sciences 308

Section: E100

Term: 2012 Spring

Instructor: Dr. Glyn Williams-Jones

(Email: glynwj@sfu.ca; Phone: 778-782-3306; Office: TASC1 Room 7225)

Discussion Topics: An advanced field study course that provides examples of many aspects of the earth sciences. The course has two components:

- 1) A two-week field excursion to be held following the exam period. The field component will provisionally comprise a fast-paced excursion to a variety of sites throughout Ecuador. The intent of this excursion is to provide exposure to field examples of as many aspects of the earth sciences as possible.
- 2) During the spring semester, participants can expect to meet 4-5 times. Participants (tentatively in teams of 2) will research a field theme and its associated site(s) which will be summarized in an appropriately referenced research paper. These research papers will be collated into a guidebook for the field component of the course. Students will submit the research paper and an associated powerpoint presentation at the end of the spring semester. The presentation will be given at the beginning of the field school, and students will subsequently be expected to act as scientific guides for the theme(s) and site(s) they have researched.

Grading: The course grade will be based on the research paper and seminar, field trip exercises, field trip guidance at the specific research area, a final oral exam, and general participation from fundraising to the field excursion itself.

Report: 25%

Seminar: 30%

Field Exercises: 10%

Participation: 10%

Oral Exam: 25%

Required Texts: There is no required textbook.

Recommended Texts: None.

Materials/Supplies: Field Equipment

Some equipment will be provided, but the following material is the responsibility of the students:

- first aid kit
- 10x hand lens
- notebook
- camera
- basic personal gear: sleep

Prerequisite/Corequisite: EASC 306 and a minimum of nine other units in upper division earth science courses (or permission of the instructor). Recommended: EASC 309.

Notes: Costs

A \$1500.00 supplementary fee is included in the registration for this course and does not cover airfare or food. Arranging and paying for airfare is the responsibility of the student. The supplementary course fee and student fundraising should be adequate for covering

### **Field Geology III**

transport and accommodation costs. Food will be the responsibility of the student. Other than this, students should only need to budget for personal expenses during this field school.

#### Health Insurance and Personal Travel Documents

Students must arrange for foreign travel health insurance for this field school and will be required to submit proof of insurance before departing for the field component of the course. Students will also be required to complete and sign a personal data form, legal waiver form, code of conduct form and submit a photocopy of the photo page of the passport (valid for at least 6 months). It is the responsibility of the student to insure s/he has all of the personal documentation required.

Be aware that this trip may involve strenuous hiking in adverse weather conditions at high altitude and difficult terrain. Students should be physically fit and properly equipped to withstand exposure to the elements.

This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.