



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE
WINTER 2015

1. **Course:** Geology 435 (04), Field Methods II

May 1, 2015-May 14, 2015; Location: Flin Flon, MB and environs

Instructor: Dr. D. Pattison, Office ES 154, Tel. No. 403-220-3263, pattison@ucalgary.ca,

TA: Paul Starr; pgstarr@ucalgary.ca

Geoscience Department: ES 118, 403-220-5841, geoscience@ucalgary.ca

Course website: on D2L.

2. **Prerequisites:** Geology 311 or 333, 323, 337, 341 or 343, and 381. See section 3.5.C in the Faculty of Science section of the online Calendar (www.ucalgary.ca/pubs/calendar/current/sc-3-5.html)

Antirequisite: Credit for both Geology 435 and either Geology 437 or 439 will not be allowed.

Note: Enrolment in Geology 435 is restricted to Geology and Applied and Environmental Geology majors. Registration for non-majors will require consent of the Department. This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. It may occur outside Canada. Students will be required to cover food and accommodation costs, and a supplemental fee will be assessed to cover the costs of equipment and other resources.

3. **Grading:** The University policy on grading and related matters is described sections F.1 and F.2 of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Final map and field slips (group)	40%
Interview and overall field performance (individual)	20%
Written report and cross sections (individual)	40%

Each component will be assigned a letter grade. These will be combined with the indicated weights to produce an overall letter grade for the course.

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in [Section 3.6](#). It is the student's responsibility to familiarize himself/herself with these regulations. See also [Section E.6](#) of the University Calendar

5. **Scheduled out-of-class activities:** Dates and times of approved class activities held outside of class hours.

F May 1, 2015	Mandatory tutorial in Calgary, ES115
Sa May 2, 2015	Drive from Calgary to Flin Flon, MB
Su May 3 – M May 11, 2015	Field work in Flin Flon & environs
Tu May 12, 2015	Drive from Flin Flon to Calgary
W-Th May 13-14, 2015	Map work, interviews in Calgary, ES115

See attached itinerary for further details.

6. **Course Materials:** no required academic materials (but if you have it, bring your Ggyl 337 textbook). A list of recommended field equipment you should bring is provided separately.

7. **Examination Policy:** there is no exam in this course.

8. **Approved Mandatory and Optional Course Supplemental Fees:**
See Ggyl 435 web site. This course is administered by Group Studies.

9. **Writing across the curriculum statement:** e.g. In this course, the quality of the student's writing in laboratory reports will be a factor in the evaluation of those reports. See also [Section E.2](#) of the University Calendar.

10. OTHER IMPORTANT INFORMATION FOR STUDENTS:

- (a) **Misconduct:** Academic misconduct (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under [Section K. Student Misconduct](#) to inform yourself of definitions, processes and penalties.
- (b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on [assembly points](#).
- (c) **Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: Students with Disabilities: <http://www.ucalgary.ca/pubs/calendar/current/b-1.html> [B.1](#) and Student Accessibility Services: <http://www.ucalgary.ca/access/>.
- (d) **Safewalk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.
- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also <http://www.ucalgary.ca/secretariat/privacy>.
- (f) **Student Union Information:** VP Academic Phone: 220-3911 Email: suvpaca@ucalgary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; [Student Ombudsman](#)
- (g) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (h) **U.S.R.I.:** At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.

Department Approval: Original Signed

Date: January 5, 2015

Associate Dean's Approval for

Alternate final examination arrangements: Original Signed

Date: January 8, 2015

Tentative Itinerary – 2015 GlgY 435 (04) - Flin Flon field school

Friday	May 1	ES115. 9:00 am until ~ 13:00. Safety and waivers, logistics. Preparation of maps. Tutorial in <i>Stereo32</i> (stereonet program). Rest of day for final preparations.
Saturday	May 2	Depart from U of C (6:00 am) and drive to Flin Flon. Stops for gas and washroom breaks only en route – can get snacks at gas stations. Longer stop in Prince Albert. Arrival ca. 8:30 pm Flin Flon time.
Sunday	May 3	Start of field mapping (group stops). Food shop at end of day.
Monday	May 4	1/3 day Highbay safety. 2/3 day field mapping.
Tuesday	May 5	Field mapping. Evening lecture by Dr. Dave Price 8:00 pm.
Wednesday	May 6	½-day Flin Flon field trip with Dr. Price. ½ day field mapping.
Thursday	May 7	¾-day Mine and Zinc Plant tour? ¼-day field mapping.
Friday	May 8	Field mapping.
Saturday	May 9	Snow Lake field trip?
Sunday	May 10	Field mapping.
Monday	May 11	¾-day field mapping (until 2:00 pm). Clean up rooms and pack. Group BBQ in evening.
Tuesday	May 12	Drive to Calgary (departure time 6:00 am). Back ca. 18:00.
Wednesday	May 13	Work on maps in lab (ES115).
Thursday	May 14	All items due 9:00 am. Individual interviews (20 minutes each) begin at 9:30 am in ES115. Course over at ca. 16:00 pm.