



UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF GEOSCIENCE
COURSE OUTLINE
SPRING 2017

- 1. Course:** Geology 435 (03), Field Methods II
April 27-May 11, 2017; Location: Flin Flon, MB and environs
Instructor: Dr. D. Pattison, Office ES 154, Tel. No. 403-220-3263, pattison@ucalgary.ca,
TA: Manuele Lazzarotto
Geoscience Department: ES 118, 403-220-5841, geoscience@ucalgary.ca
Course website: on D2L.

- 2. Prerequisites:** Geology 323, 337 and 381; one of Geology 311 or 333; one of Geology 341 or 343 and admission to the Geology or Applied and Environmental Geology programs and consent of the Department. 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: This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. It may occur outside Canada. A supplementary fee will be assessed to cover additional costs associated with this course. Students will require consent of the department to drop this course.

- 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.

Th Apr 27, 2017	Mandatory tutorial in Calgary, ES115
F Apr 28, 2017	Drive from Calgary to Flin Flon, MB
Sa Apr 29 – Su May 7, 2017	Field work in Flin Flon & environs
M May 8, 2017	Drive from Flin Flon to Calgary
T-W-Th May 9-10-11, 2017	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 GLGY 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 GLGY 435 web site.
- 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) **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> 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: 403 220-3911 Email: suvpaca@ucalgary.ca
SU Faculty Rep. Phone: 403-220-3913, Email: science1@su.ucalgary.ca, science2@su.ucalgary.ca and science3@su.ucalgary.ca;
Student Ombuds Office: 403-220-6420 Email: ombuds@ucalgary.ca; <http://ucalgary.ca/provost/students/ombuds>
- (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: February 21, 2017

Associate Dean's Approval for
alternate final examination arrangements: ORIGINAL SIGNED

Date: March 31, 2017

Tentative Itinerary – 2017 Glgly 435(B03) - Flin Flon field school

Thursday	Apr 27	ES115. 9:00 am until ~ 14:00. Safety and waivers, logistics. Preparation of maps. Tutorial in <i>Stereo32</i> (stereonet program). Rest of day for final preparations.
Friday	Apr 28	Depart from U of C (6:00 am) and drive to Flin Flon. Stops for gas and washroom breaks only en route. Longer stop in Prince Albert. Arrival ca. 9:00 pm Flin Flon time (8:00 pm Calgary time).
Saturday	Apr 29	Start of field mapping (group stops). Food shop at end of day.
Sunday	Apr 30	Field mapping.
Monday	May 1	1/3 day Highbay safety. 2/3 day field mapping. Evening lecture by Dr. Dave Price 8:00 pm.
Tuesday	May 2	½-day Flin Flon field trip with Dr. Price. ½ day field mapping.
Wednesday	May 3	Field mapping.
Thursday	May 4	¾-day Mine and Zinc Plant tour? ¼-day field mapping.
Friday	May 5	Snow Lake field trip?
Saturday	May 6	Field mapping.
Sunday	May 7	¾-day field mapping (until 2:00 pm). Clean up rooms and pack. Group BBQ in evening.
Monday	May 8	Drive to Calgary (departure time 6:00 am). Back ca. 18:00.
Tuesday	May 9	Work on maps in lab (ES115).
Wednesday	May 10	Maps due 12:00 noon. Work on cross sections and reports.
Thursday	May 11	Maps and reports due 09:00. Individual interviews (15-20 minutes each) begin at 09:30 in ES115. Course over at ca. 14:30.