



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

1. **Course:** Geology 353, Surficial Systems

*How many years can a mountain exist,
Before it is washed to the sea?
--Bob Dylan*

Lecture Sections: L01: MoWeFr 15:00-15:50, SB 103

For a listing of all lab sections corresponding with this course, please see the following link:

http://geoscience.ucalgary.ca/geoscience_info/courses/w17

Potestates:

Grand Illustrious Potentate I:

Dr. Jerry Osborn, Office: ES 510, Tel. No.: 403-220-6448, email: osborn@ucalgary.ca

Office Hours: MW 13:00-14:00

Grand Illustrious Potentate II:

Dr. Masaki Hayashi, Office: ES 278, Tel. No.: 403-220-2794, email: hayashi@ucalgary.ca

Office Hours: Th 16:00-18:00

Lesser, but still potent, potentates:

Laura Beamish

Katherine Clarke

Harrison Martin

Alexandra Hughes

Anna Pekinasova

Igor Pavolvskiy

Freda Leblanc

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

2. **Prerequisites:** Geology 201; and 202 or 203; Chemistry 203 or 213; Physics 211 or 221, and 223; Mathematics 253 or 267 or 277 or 283 or Applied Mathematics 219. 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 353 and 373 will not be allowed.

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:

Reading quizzes	10%
Laboratory and project reports	35%
Midterm exam #1	15
Midterm exam #2	15%
Final Examination	25% (To be scheduled by the Registrar)

Each piece of work (laboratory report, exam) submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade, bearing in mind that an F grade will result if the student does not pass the Final Examination. The conversion between course percentage and letter grade is given below.

Letter Grade/ Percentage conversions

A+ 95- 100	C+ 65- <70
A 90- <95	C 60- <65
A- 85- <90	C- 56- <60
B+ 80- <85	D+ 53- <56

B 75- <80 D 50- <53
B- 70- <75 F 0- <50

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:** There will be no formal activities outside of class time, but informal project work may go on outside of class time. It is possible that midterm exams may be held during class times but in venues other than the regular classroom, so pay attention.
6. **Course Materials:** The package of required reading materials is sold in the University Bookstore.
7. **Examination Policy:** Exams will be closed-book. Calculators and rulers may be required. Students should also read the Calendar, [Section G](#), on Examinations.
8. **Writing across the curriculum statement:** In this course, the quality of the student's writing in laboratory and/or project reports will be a factor in the evaluation of those reports. See also [Section E.2](#) of the University Calendar.
9. **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 (FOIPPA). 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.