



UNIVERSITY OF CALGARY

DEPARTMENT OF GEOSCIENCE COURSE OUTLINE

1. **Course:** GLGY 209, Introduction to Geology

Lecture Section:

L01: Mo, We, Fr, 08:00-08:50, ST 148

L02: Tu, Th, 17:00 – 18:15, ST 140

Instructor: L01 – Dr. A. Sohrabi, Office: ES 150, ph. 220-6446 email: asohrabi@ucalgary.ca, Office Hours: 10:00 am-5:00 pm.

L02 – Dr. M. Agbogun, Office: ES 150, ph. 220-6446, e-mail: TBA,

Course materials are posted on Desire 2 Learn (D2L) Introduction to Geology (209).

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

2. **Prerequisites:** N/A

Antirequisite: Credit for both Geology 201 and 209 will not be allowed. See also [Course Descriptions](#) of the University Calendar.

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:

Midterm I	25% (Date will be scheduled in the first lecture)
Midterm II	30% (Date will be scheduled in the first lecture)
Final Exam	45% (To be scheduled by registrar)

Grading Scheme

A+	95 – 100%
A	90 – 94%
A-	85 – 89%
B+	80 – 84%
B	75 – 79%
B-	70 – 74%
C+	65 – 69%
C	60 – 64%
C-	56 – 59%
D+	53 – 55%
D	50 – 52%
F	<50%

Each piece of work (assignment, laboratory report, midterm test or final examination) 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 grade F will be result if the student does not pass components listed above).

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. **Course Materials:** Georgescu, M.D., 2013. Introductory Geology. A Manual for Non-Major Students. Kendall Hunt Publishing Company, 2nd edition, 187 p.

- 6. Examination Policy:** No electronic or written aids (e.g. cell phones, tablets, computers, PDAs, notes, textbooks) will be allowed during writing of any exams. Non-programmable calculators will be permitted to answer quantitative questions on exams, if applicable, and permission to do this will be clearly indicated on the examination paper. Students should also read the Calendar, [Section G](#), on Examinations.
- 7. 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: [Calendar entry on students with disabilities](#) and [Student Accessibility Services](#).
 - (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)** 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.

Tentative Class Schedule, Fall 2014

GLGY 209, INTRODUCTION TO GEOLOGY

LECTURE (S): L01: Mo, We, Fr, 08:00-08:50

Location: ST 148

Instructor: Dr. Akbar Sohrabi, asohrabi@ucalgary.ca

Course Schedule:

Lectures:

1	Course Overview-Science and scientific thinking	~ 3 hours
2	Earth formation: a cosmic perspective	~ 3 hours
3	Earth internal structure and chemical composition	~ 1 hour
4	Minerals: rock building materials	~ 3 hours
5	Igneous rocks	~ 1.5 hours
6	Sedimentary rocks	~1.5 hours
7	Metamorphic rocks	~ 1 hour
8	Fossil and fossilization	~ 2 hours
9	Elements of structural geology	~ 1 hour
10	Principles of stratigraphy and geological time	~ 3 hours
11	Fossil record and evolution	2 hours
12	Plate tectonics	2 hours