

GEOGRAPHY FINAL COURSE OUTLINE: WINTER 2021

GEOGRAPHY 310 GFC HOURS (3-2)

Landforms and Soils

Section	Location	Meeting Time	Meeting Day
LEC 01	Web Based Course	N/A	None – all asynchronous
LAB 01	Web Based Course	N/A	None – all asynchronous
LAB 02	Web Based Course	N/A	None – all asynchronous
LAB 03	Web Based Course	N/A	None – all asynchronous
LAB 04	Web Based Course	N/A	None – all asynchronous

Instructor: Yvonne Martin
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Official Course Description

Introduction to physical landscapes and soils, emphasizing the formation and geographic distribution of mountains, volcanoes, valleys, and deserts, and their shaping by rivers and glaciers; and the fundamental concepts in soil science. Incorporates human modification of the Earth's surface.

Course Objectives

The primary objective of this course is to introduce and explain essential concepts of Earth surface and near-surface processes related to landforms and soils and their interactions with each other and the human environment.

Course Learning Outcomes

The Department of Geography is committed to student knowledge and skill development. The table below lists the key learning outcomes for this course, the program-learning outcomes to which they contribute, and the expected level of achievement.

Course Learning Outcomes	PLO(s)	Level(s)
Explain essential concepts in geomorphology, geology, soil science and hydrology.	2,7	1
Connect foundational knowledge of landforms and soils to aspects of human (land use, climate change etc.)	1,2,4	1
Communicate concepts in landforms and soils in scientific writing skills.	7,8	1
Critically evaluate ideas/concepts in landforms and soils by integrating multiple information sources (eg. lectures, textbooks)	5,8	1
Interpret and create graphical representations of data	3,6,7	1,2
Apply quantitative methods to analyze processes in earth science	3,5,7	1

**PLOs = Program Learning Outcomes: 1 = reflect and communicate diverse human-environment perspectives, 2 = identify and explain human-environment processes, 3 = implement sampling, data collection, analyses and communication methods, 4 = analyze spatial and temporal aspects of human-environment systems, 5 = employ knowledge, arguments, and methodologies for solving human-environment problems, 6 = evaluate geospatial data and manipulate it to create cartographic products, 7 = communicate geographic concepts using oral, written, graphic, and cartographic modes, and 8 = demonstrate literacy skills.*

***Levels: 1 = Introductory, 2 = Intermediate, and 3 = Advanced.*

Prerequisites

No prerequisites required.

Note: Students taking this course should be comfortable using basic computer packages (e.g., MSOffice, in particular, Word and Excel).

Learning Resources

Required Course Textbook:

Arbogast et al., Discovering Physical Geography, Canadian Edition (ebook) (available at University of Calgary Bookstore) (Required)

Note: The Canadian Edition available at the University of Calgary Bookstore is the required edition; no other edition should be used.

Note: Additional course readings may include journal articles, web sites etc. (information about how to access other materials will be provided to students as necessary).

Learning Technologies and Requirements

In order to successfully engage in their learning experiences at the University of Calgary, students taking online, remote and blended courses are required to have reliable access to the following technology.

- A computer with a supported operating system, as well as the latest security and malware updates
- A current and updated web browser
- Webcam (built in or external)
- Microphone and speaker (built-in or external) or headset with microphone
- Broadband internet connection
- MS Office
- Adobe Acrobat

Grading (Weighing)

Assessment	Dates
Lecture Test #1 (27.5%)	Available Feb 9 (9:00am) – must submit by Feb 10 (8:59am)
Lecture Test #2 (27.5%)	Available March 23 (9:00am) – must submit by March 24 (8:59am)
Lecture Test #3 (15%)	Available April 13 (9:00am) – must submit by April 14 (8:59am)
Laboratory Assignments (30%)	See Course Schedule for dates (Course Schedule available on first day of lectures)

- Lecture tests will be administered online with D2L.
- Lecture Test #1: You will be given a 24-hour window to start Lecture Test #1. But once you start the test you will have 75 minutes to complete the test.
- Lecture Test #2: You will be given a 24-hour window to start Lecture Test #2. But once you start the test you will have 75 minutes to complete the test.
- Lecture Test #3: You will be given a 24-hour window to start Lecture Test #3. But once you start the test you will have 40 minutes to complete the test.
- The time/date stamp of submission will be reviewed and any test that is submitted after the final day/time stamp allowed will *not* be marked and will receive a grade of 0. It is your responsibility to submit the test by the final deadline.
- Lecture tests are considered “open notes with limitations”; specific rules outlining what sources can be used during the test will be posted prior to the tests. Students are responsible for reading and following rules outlining allowable source material during tests. If these rules are not

followed, it will be considered a case of Academic Misconduct and the University of Calgary Academic Misconduct Policy will be followed (<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>). Any such case will be referred to the Faculty of Arts Dean's Office for disciplinary action.

- You are forbidden to discuss lecture tests with *anyone* (this includes other students taking this course and anyone else even if not taking course) during the 24-hour test period. For example, collaboration (e.g., discussing questions and answers, approaches to answers, suggestions of where to find material) between a student writing the test and *anyone else* in any way (e.g., voice, text, chat, etc.) is not permitted during the 24-hour test period. If rules are not followed, it will be considered a case of Academic Misconduct and the University of Calgary Academic Misconduct Policy will be followed (<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>) and the case will be referred to the Faculty of Arts Dean's Office for disciplinary action.
- There is no final examination for this course.
- It is **not** essential to pass all components to pass the course as whole.

Missed or Late Course Components

- Late laboratory assignments will be assessed a 10% penalty per day (or portion thereof) for that item (including weekends). Note that the penalty begins immediately after an official due date/time is missed.
- If a student misses a Lecture Test or due date for a laboratory assignment and possesses a legitimate excuse, the student should email Dr. Martin as soon as possible. At the discretion of Dr. Martin, an accommodation (e.g., deferred test may be offered for a missed test) may be offered.

Grading System

90 – 100	A+	73 – 76.99	B	60 – 62.99	C-
85 – 89.99	A	70 – 72.99	B-	55 – 59.99	D+
80 – 84.99	A-	67 – 69.99	C+	50 – 54.99	D
77 – 79.99	B+	63 – 66.99	C	0 – 49.99	F

Supplementary Fees

Not applicable

For additional detailed course information posted by the instructor, visit the course Desire2Learn page online at <https://d2l.ucalgary.ca/d2l/home>.

SUPPLEMENTAL INFORMATION

Principles of Conduct

The University Calendar includes a statement on the principles of conduct expected of all members of the university community (including students, faculty, administrators, any category of staff, practicum supervisors, and volunteers), whether on or off university property. This statement applies in all situations where members of the university community are acting in their university capacities. All members of the university community have a responsibility to familiarize themselves with the principles of conduct statement, which is available at: www.ucalgary.ca/pubs/calendar/current/k.html.

Plagiarism, Cheating, and Student Misconduct

The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

Academic dishonesty is not an acceptable activity at the University of Calgary, and students are **strongly advised** to read the Student Misconduct section in the University Calendar at: www.ucalgary.ca/pubs/calendar/current/k-3.html. Often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are (1) presenting another student's work as your own, (2) presenting an author's work or ideas as your own without adequate citation, and (3) using work completed for another course. Such activities will not be tolerated in this course, and students suspected of academic misconduct will be dealt with according to the procedures outlined in the calendar at: <https://ucalgary.ca/policies/files/policies/student-academic-misconduct-procedure.pdf>

Instructor Intellectual Property

Information on Instructor Intellectual Property can be found at <https://www.ucalgary.ca/policies/files/policies/Intellectual%20Property%20Policy.pdf>

Freedom of Information and Protection of Privacy

Freedom of Information and Protection of Privacy (FOIP) legislation in Alberta disallows the practice of having students retrieve assignments from a public place, such as outside an instructor's office, the department office, etc. Term assignments will be returned to students individually, during class or during the instructor's office hours; if students are unable to pick up their assignments from the instructor, they must provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment.

Human subjects

Not applicable.

Guidelines for Zoom Sessions

Zoom is a video conferencing program that will allow us to meet at specific times for a "live" video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community

To help ensure Zoom sessions are private, do not share Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published without the instructor's permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith and respect (as per the Code of Conduct). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behavior in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g. Student Non Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your Zoom sessions visit: <https://elearn.ucalgary.ca/guidelines-for-zoom/>.

If you are unable to attend a Zoom session, please contact your instructor to arrange an alternative activity for the missed session (e.g., to review a recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work,

presentations, etc.).

The instructor may record online Zoom class sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised before the instructor initiates a recording of a Zoom session. These recordings will be used to support student learning only and will not be shared or used for any other purpose.

Posting of Grades and Picking-up of Assignments

Graded assignments will be made available electronically through the course D2L webpage. Grades and assignments will not be available at the Department of Geography main office.

Academic Accommodations

It is the student's responsibility to request academic accommodations, according to the university policies and procedures listed in the University Calendar.

The student accommodation policy can be found at:

https://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf

Students needing an accommodation because of a disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities: www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf.

Students needing an accommodation based on a protected ground other than disability should communicate this need, preferably in writing to their instructor or the Department Head (email: david.goldblum@ucalgary.ca).

Copyright Legislation

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright <https://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright-policy.pdf>

and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Act.

Wellness and Mental Health Resources

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness, and academic success and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the mental health resources available throughout the university community, such as counselling, self-help resources, peer support, or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre, <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

Contact Information for Student and Faculty Representation

- Student Union VP Academic 403-220-3911, suvpaca@ucalgary.ca
- Students Union Representatives for the Faculty of Arts – 403-220-3913, arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca
- Student Ombuds Office information can be found at: www.ucalgary.ca/ombuds/

Campus Safewalk

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day, to any location on Campus, including the LRT station, parking lots, bus zones, and university residences. Contact Campus Security at 220-5333 or use a help phone, and Safewalkers or a Campus Security officer will accompany you to your campus destination.