

GEOGRAPHY FINAL COURSE OUTLINE: SUMMER 2021

EARTH SCIENCE 301.01 H(3-0)

Human-Environment Interactions

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Please note: This course is taught virtually.

Official Course Description:

Exploration of the interactions between humans and environment at different time scales and in different regions. Geographically distinct regions are selected to highlight how humans have adapted to climate change and hazardous natural events. Past adaptations will be examined in the modern context.

Course Objectives

The primary course objective is to explore how natural disasters are complex interactions between humans and physical processes. The physical geography of locations will be linked to the natural processes which create the landscape and create hazards. The factors that amplify or dampen the impact natural processes have on humans or infrastructure will be emphasized. Exploration of these interactions will be accomplished through lectures, virtual field trips, and projects.

Prerequisite: None

Required Readings:

Readings will be assigned throughout the course. Bibliography will be posted on D2L.

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-level learning outcomes (PLO) they facilitate, and the expected level of achievement.

Course Learning Outcomes	PLO(s)	Level(s)
Describe the geological, climatological, biogeographical, and pedological setting of select sites in Europe	2,4	1
Explain the geographical distribution of natural processes	2,4	1
Explain the natural processes that cause hazards	2	1
Explain why disaster severity is related to both event intensity and human vulnerability	2	1
Explain why event intensity and human vulnerability are spatially and temporally variable	4	1
Select and justify which elements of human vulnerability contributed to historic disasters	2	1
Develop observation skills and formulating hypotheses	3	1
Summarize, evaluate the information content of different sources	8	1
Create multimedia presentations	7,8	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, (3) Advanced

Grading (Weighting):

Term projects (2)	30%
Field notebook	
Midterm review	10%
Final assessment	30%
Participation in class discussions	10%
Final Examination	20%

- It is **not** necessary to pass each component to pass the course.
Final Exam:
- The Registrar will **not** schedule the Final Exam, it will be scheduled on the last day of the Field School (August 13, 2021).
- Students will be given a 24-hour period to complete the final exam (23:59 on 12 August 2021 to 23:59 on 13 August 2021).
- Once the student begins the exam, they will have 1.5 hours to complete and submit the exam.

Grading System

A+	100-95%	B	79.9-75%	C-	62.9-59%
A	94.9-90%	B-	74.9-71%	D+	58.9-55%
A-	89.9-85%	C+	70.9-67%	D	54.9-50%
B+	84.9-80%	C	66.9-63%	F	49.9% and less

For additional detailed course information posted by the Instructor Desire2Learn 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

As part of a desire to improve the quality of the student experience, you will be asked to participate in a survey of the efficacy of the methods used in the course. Your participation in the research is entirely voluntary and will not play a role in determining your grade in the course. The surveys will be conducted by a university employee who is not involved in the course. The teaching staff will not see the surveys until after one month after the grades appeal period. You may withdraw from the study at any time without penalty.

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

Exam timing and availability

Students will be given a 24-hour period to complete exams. Once the student begins the exam, they will have 1.5 hours to complete and submit the exam.

Guidelines for Zoom and Teams for Education 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. Microsoft Teams for Education has similar functions and will be used for most sessions in this course.

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 with the instructor’s permission. When using Teams for Education you will access the sessions by logging on to the Teams site.

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 Teams for Education video conferencing sessions, 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 or Teams for Education 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 or Teams for Education 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 or Teams for Education 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 or Teams for Education 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, suypaca@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.