

## GEOG 204 LEC01 Global Environmental Change

Winter 2024

Section	Days	Time	Location
LEC 01	MWF	14:00-14:50	CHC119

Instructor: Dr. Brian Moorman	Office: ES 324
Telephone: 403-220-4835	Email: moorman@ucalgary.ca
Email communication will be through your UCalgary email address.	Office hours: Mondays 13:00-14:00 or by appointment

The **Department of Geography** condemns the longstanding and continued injustices against those marginalized by racism, sexism, homophobia, transphobia, classism, xenophobia, able-bodied normativity, mental health profiling, and other forms of prejudice. We are pained by the fact that injustices are unevenly borne. <https://arts.ucalgary.ca/news/anti-racism-statement>

### **Territorial Acknowledgement**

The Department of Geography would also like to acknowledge the traditional territories of the people of the Treaty 7 region in southern Alberta. The City of Calgary is also home to Métis Nation of Alberta, Region

III. <https://www.ucalgary.ca/indigenous/cultural-protocol>

### **Official Course Description**

Examination of current environmental issues related to physical geography, including topics such as climate change, energy and sustainable resource development, weather extremes, and natural hazards. The course uses contemporary topics to introduce fundamental principles of physical and environmental geography while highlighting societal impacts and influences.

### **Course Objectives**

This course provides an overview of issues related to changes in the Earth's environment, including the atmosphere, ecosystems, water and physical landscapes. Given that the global environment is ever changing, the course considers how the Earth's environmental systems have operated and changed in the past due to natural factors and how humans have impacted environmental systems.

### **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	PLOs*	Level**
Understand the functioning of key global environmental systems	2	1
Contrast natural environmental change from anthropogenic changes	2	1
Identify and describe major global environmental issues	2	1
Critically evaluate and summarize scientific studies and arguments	3,7,8	1
Apply and relate course material to your daily experience	1	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

There are no prerequisites for this course.

### Course Format

Unless government- and university-imposed public health measures are reintroduced, ALL classes will be offered synchronously and in-person.

### Learning Resources

There is not a required textbook. Readings and links to other supplemental materials will be provided in D2L.

### Important Dates

The **last day to drop** this course and receive a tuition fee refund is **January 18, 2024**. The **last day to add or swap** a course for Winter term 2024 is **January 18, 2024**. The **last day to withdraw** from this course is **April 9, 2024**. Please note that the University is closed on February 19, March 29, and April 1, 2024.

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

### Grading (Weighting)

	Weight	Date
Midterm test 1 (in class)	29%	January 31
Midterm test 2 (in class)	29%	February 28
Midterm test 3 (in class)	29%	March 20
Midterm test 4 (in class)	13%	April 8

If you miss a midterm test please inform the Instructor as soon as possible.

In the event that a student misses a midterm due to illness, supporting documentation, such as a medical note or a statutory declaration may be required see: <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>

Please refer to <https://www.ucalgary.ca/registrar/registration/appeals/student-faq> for frequently asked questions concerning the provision of a medical note/statutory declaration.

Only pens/pencils and erasers are required for the tests. No other materials or devices are allowed to be used. The midterm tests will take place during regular class time, in class and will consist of a series of multiple choice questions. Each midterm test will focus on the material covered in lectures in that portion of the course, however, the concepts from each portion of the course build on the previous ones and as such there may be some synthesis style questions on the exams.

It is **not** essential to pass all components to pass the course as whole.

### Grading System

96 – 100%	A+	77 – 80%	B	59 – 61%	C-
90 – 95%	A	71 – 76%	B-	55 – 58%	D+
86 – 89%	A-	65 – 70%	C+	50 – 54%	D
81 – 85%	B+	62 – 64%	C	0 – 49%	F

**Flexible Grade Option (CG Grade)**

Please see: <https://www.ucalgary.ca/pubs/calendar/current/f-1-3.html>

**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****University of Calgary Academic Integrity Policy**

Academic integrity is the foundation of the development and acquisition of knowledge and is based on values of honesty, trust, responsibility, and respect. We expect members of our community to act with integrity. 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](http://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](http://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://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure>

For students wishing to know more about what constitutes plagiarism and how to properly cite the work of others, the Department of Geography recommends that they attend Academic Integrity workshops offered through the Student Success Centre: <https://www.ucalgary.ca/student-services/student-success/learning/academic-integrity>

**Instructor Intellectual Property**

Information on Instructor Intellectual Property can be found at <https://www.ucalgary.ca/legal-services/university-policies-procedures/intellectual-property-policy>

**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**

Students in the course will not be expected to participate as subjects or researchers when research on human subjects may take place.

**Internet and electronic communication device information**

There are no restrictions on the use of laptops and tablets in class if they are used to take notes or find information relevant to the class, and if there is no disturbance or distraction of other students or the instructor. Phones must be turned off during class, unless you have previously identified yourself to the instructor as a health care or law enforcement professional.

**Exams & Deferrals**

Exam deferrals are granted with a legitimate reason, e.g., illness and scheduling conflicts due to work and/or extra-curricular activities. Please inform the instructor in advance via e-mail or in person to reschedule.

<https://www.ucalgary.ca/registrar/exams>

**Posting of Grades and Picking-up of Assignments**

Graded assignments will be returned by the instructor or teaching assistant personally during scheduled lecture or laboratory periods, unless they are made available electronically through the course D2L webpage. Grades and assignments will not be available at the Department of Geography's main office and assignments cannot be dropped off at the Department 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/pubs/calendar/current/b-6-1.html>

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:

<https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

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: [freeman@ucalgary.ca](mailto:freeman@ucalgary.ca)).

**Documentation for Absences or Missed Course Assessments**

Students who are absent from class assessments (tests, participation activities, or other assignments) should inform the instructor as soon as possible. Instructors may request that evidence in the form of documentation be provided. If the reason provided for the absence is acceptable, instructors may decide that any arrangements made can take forms other than make-up tests or assignments. For example, the weight of a missed grade may be added to another assignment or test. For information on possible forms of documentation, including statutory declarations, please see

<https://www.ucalgary.ca/pubs/calendar/current/m-1.html>

**Copyright Legislation**

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright <https://ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy> and requirements of the copyright act at (<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.

**Course evaluations and student feedback**

Student feedback will be sought at the end of the course through the standard University Student Ratings of Instruction (USRI) and Faculty course evaluation forms.

**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/>).

Students requiring assistance are encouraged to email the **Student at Risk line** if they or others appear to need wellness assistance: [sar@ucalgary.ca](mailto:sar@ucalgary.ca) For more immediate response, please call: 403-210-9355 and select option #2.

**Sexual Violence Policy**

The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. Please see the policy available at <https://www.ucalgary.ca/legal-services/university-policies-procedures/sexual-and-gender-based-violence-policy>

**Contact Information for Student and Faculty Representation**

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

**Emergency Evacuation/Assembly Points**

Assembly points for emergencies have been identified across campus. Assembly points are designed to establish a location for information updates from the emergency responders to the evacuees; from the evacuated population to the emergency responders. For more information, see the University of Calgary's Emergency Management website: <https://www.ucalgary.ca/risk/emergency-management>. In case of emergencies and fire drills, please note the Professional Faculties Food Court as the assembly/muster point.

**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.