

GEOGRAPHY FINAL COURSE OUTLINE: WINTER 2020

GEOGRAPHY 280 GFC HOURS (3-1/2T)

Thinking Spatially in a Digital World

Section	Days	Time	Location
LEC 01	MoWeFr	15:00 – 15:50	ICT 102

Instructor: Darren Sjogren	Office: ES 456
Telephone: 403 220 2575	Email: sjogren@ucalgary.ca

Please note: The emergency evacuation assembly point for all classes taught in ICT is Energy, Environment & Experiential Learning (EEEL).

Official Course Description

Introduces mapping technologies and digital spatial data for solving geographical problems that focus on how to collect, manage, analyze, and communicate diverse spatial data. Topics include geographic information systems (GIS), remote sensing, spatial statistics, geovisualization, cartography, and web mapping.

Course Objectives

The goal of this course is to introduce the wide array of digital mapping and geospatial tools and technologies used in geography and other fields, which increasingly underpin contemporary digital society. Together, we will examine the use of geospatial data and technologies in everyday life. Some key application areas will include recreation, disaster management, precision agriculture, climate change and more. Topics will be explored to both to help our thinking about how the tools of digital mapping represent the world, consider the message and ethics of those representations, and data ownership.

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)**
Consider how maps represent, create, and recreate places and spaces	1, 2	1
Describe how knowledge is produced through geospatial technologies and practices	1, 2	1
Describe geospatial technologies and practices	4, 5, 6	1
Recognize geospatial-related applications	4, 6	1
Apply industry standard software to perform basic mapping tasks	3, 6	1
Generate an applied mapping project	6, 7, 8	1
Summarize and evaluate information from different sources	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, and 3 = Advanced.*

Prerequisites

No prerequisite required.

Learning Resources

There is no required textbook for this course. A bibliography of readings will be assigned for each topic.

Grading (Weighting)

Online & In-class engagement	20%
Assignments	20%
Term Project	20%
Exam #1	25%
Exam #2	15%

*See course schedule for details and due dates.

Notes:

- There will NOT be a registrar-scheduled final exam in this class.
- It is not essential to pass all elements/components to pass the course as a whole.
- Only pens, pencils and erasers are allowed in exams. No other materials or devices are allowed.
- Late assignments will be assessed a penalty unless accompanied by the documentation indicated in the section “Missed Course Components” (below).

Policy on Late Assignments

Most deliverables will be submitted through D2L and, as a result, will be automatically time stamped. A deliverable is considered late if the time stamp is later than the published due date/time indicated. Deliverables received within 1 minute to 24 hours of the due date will be assessed a 10% penalty. This means if your assignment receives a grade of 78% it will be entered as 68% (78 - 10= 68) on the grade sheet. If it is received between 24 and 48 hours, it will be assessed a 20% penalty. If the assignment is received greater than 48 hours from the due date it will be assessed a penalty of 30%, and so forth.

Policy regarding rounding of final grades

In an effort to be fair to all students in the class, your individual grade will not be rounded up, regardless of how close you are to a grade break. In short, the final grade breaks are hard breaks. This policy minimizes ambiguity and ensures the grading is as fair and clear as possible.

Grading System

92 – 100	A+	76 – 80	B	60 – 64	C-
88 – 92	A	72 – 76	B-	56 – 60	D+
84 – 88	A-	68 – 72	C+	50 – 56	D
80 – 84	B+	64 – 68	C	0 – 49	F

Missed Course Components

- For all missed components
 - Notify the instructor as soon as possible, preferably before the deadline.
- Missed Exams follow the steps below.
 - Get documentation as outlined at <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>
 - If the justification is accepted, the instructor will allow a deferred exam. The deferred exam will be administered by the Department of Geography. Times to be determined.
 - If the justification is not accepted, a grade of “0” will be recorded.
- Missed assignment deadlines follow the steps below.
 - Get documentation as outlined at <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>
 - If the justification is accepted, the instructor will grant an extension.

- If the justification is not accepted, a late penalty will be assessed.
- **Missed Online (OE) and/or In-class engagement (ICE)** follow the steps below.
 - Get documentation as outlined at <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>
 - If the justification is accepted, the instructor will adjust the weighting of the OE & ICE sessions.
 - If the justification is not accepted, a grade of “0” will be recorded.
- **Missed project** deadlines follow the steps below.
 - Get documentation as outlined at <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>
 - If the justification is accepted, the instructor will grant an extension.
 - If the justification is not accepted, the late component will be assessed a penalty.

Supplementary Fees

No supplementary fee has been assessed for this course.

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: www.ucalgary.ca/pubs/calendar/current/k-5.html.

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

Students will NOT participate as subjects or researchers on human subjects.

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.

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.

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: www.ucalgary.ca/access/accommodations/policy. 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 (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.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.