

**FINAL COURSE OUTLINE: SPRING 2023  
GEOGRAPHY 681 H(3-0)**

**Geographic Information Systems Project: Theoretical Issues**

<b>Section</b>	<b>Meeting Times</b>	<b>Location</b>
LEC01	MW (2:00 pm to 4:45pm)	ES 342

Instructor: Dr Geoff Hay	Office: ES 304
Telephone: 403 220 4768	Email: <a href="mailto:gjhay@ucalgary.ca">gjhay@ucalgary.ca</a>

**Please note: The emergency evacuation assembly point for all classes taught in Earth Sciences is the ICT Food Court.**

**Official Course Description:**

A critical and comprehensive review of information and literature on a GIScience research topic. This course provides the conceptual basis for GEOG 683.

**Course Content:**

A critical and comprehensive review of information and literature on a GIScience research topic. This course provides the conceptual basis for GEOG 683. Students will learn the relationship between Geog 681 and 683. They will learn to use the library for in-depth literature searches and learn about the different types of literature reviews. They will learn how to use Mind Mapping software and the importance of developing a detailed *table of contents* (TOCs) to guide their literature review project. They will learn how to create and present a professional quality PowerPoint presentation to the class and how to create a detailed literature review. Students will be engaged in critical reviews, providing constructive feedback, and grading their peers and their own work.

**Prerequisites:** No prerequisites required. Consent of the Department.

**Learning Resources**

There is no recommended textbook. Readings will be assigned weekly and made available on D2L.

**Learning Technologies and Requirements**

To successfully engage in 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

**Grading (Weighting)\***

Project proposal	10%	Due on Wed, May 11,
Project presentation	30%	Due on Mon/Weds June 05 & 07
Project implementation	40%	Due on Weds, June 14
Class participation	20%	Includes discussions, reviews and feedback based on readings and assignments occurring on weeks of May 11 <sup>th</sup> , May 17 <sup>th</sup> , May 24 <sup>th</sup>

**\*Please Note: every piece of work is due before 11:00 am MDT on the stated date.**

To obtain the minimum graduate level passing grade (B-), *students must obtain no less than 70% in each of the following course components:*

1. Class participation (readings and discussions);
2. Total sum of the project component (proposal, written project, and presentation).

### Late Policy:

Assigned work is due when specified on the course outline, calendar, or D2L. There are no exceptions and any piece of work handed in late will be subject to a 20% reduction in grade per day (weekends and holidays included). Having said this, exceptions may be granted for medical related circumstances or real-world emergencies. Please contact the instructor as soon as possible to discuss your situation. Appropriate documentation shall be provided in support of challenging circumstances such as a *statutory declaration* <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>

**There is no final examination for this course.**

### 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

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.

### Supplementary Fees

N/A.

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

## SUPPLEMENTAL INFORMATION

### Writing across the Curriculum

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The university supports the belief that throughout their university careers students should be taught how to write well, so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their university courses and, where appropriate, faculty members can and should consider quality of writing as a factor in the evaluation of student work. The services provided by Writing Support Services can be utilized by all undergraduate and graduate students who feel they require further assistance: [www.ucalgary.ca/ssc/writing\\_support/overview](http://www.ucalgary.ca/ssc/writing_support/overview).

### 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](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: [www.ucalgary.ca/pubs/calendar/current/k-5.html](http://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**

N/A.

### **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.

### **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](http://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](http://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](mailto: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](http://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.

### **Faculty of Arts Program Advising and Student Information Resources**

Have a question, but not sure where to start? The Faculty of Arts Students Centre is your information resource for everything in Arts! Drop in at SS 102, call us at 403-220-3580, or email us at [ascarts@ucalgary.ca](mailto:ascarts@ucalgary.ca). You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate>, which provides detailed information about common academic concerns.

For guidance on course registration (add, drop, swap), information about paying fees, and assistance with your Student Centre, contact Enrolment Services at 403-210-7625 or visit them at the MacKimmie Block

### **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**

1. Student Union VP Academic 403-220-3911, [suwpaca@ucalgary.ca](mailto:suwpaca@ucalgary.ca)
2. 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)
3. Student Ombuds Office information can be found at: [www.ucalgary.ca/ombuds/](http://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.

### **USRI Surveys**

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](http://www.ucalgary.ca/usri)). Your responses make a difference, so please participate in USRI surveys.

**Geog 681 - Winter 2023 (May 03<sup>rd</sup> – June 15<sup>th</sup>) - Tentative Schedule (Subject to Change)  
(Last Updated: April 30, 2023. GJH)**

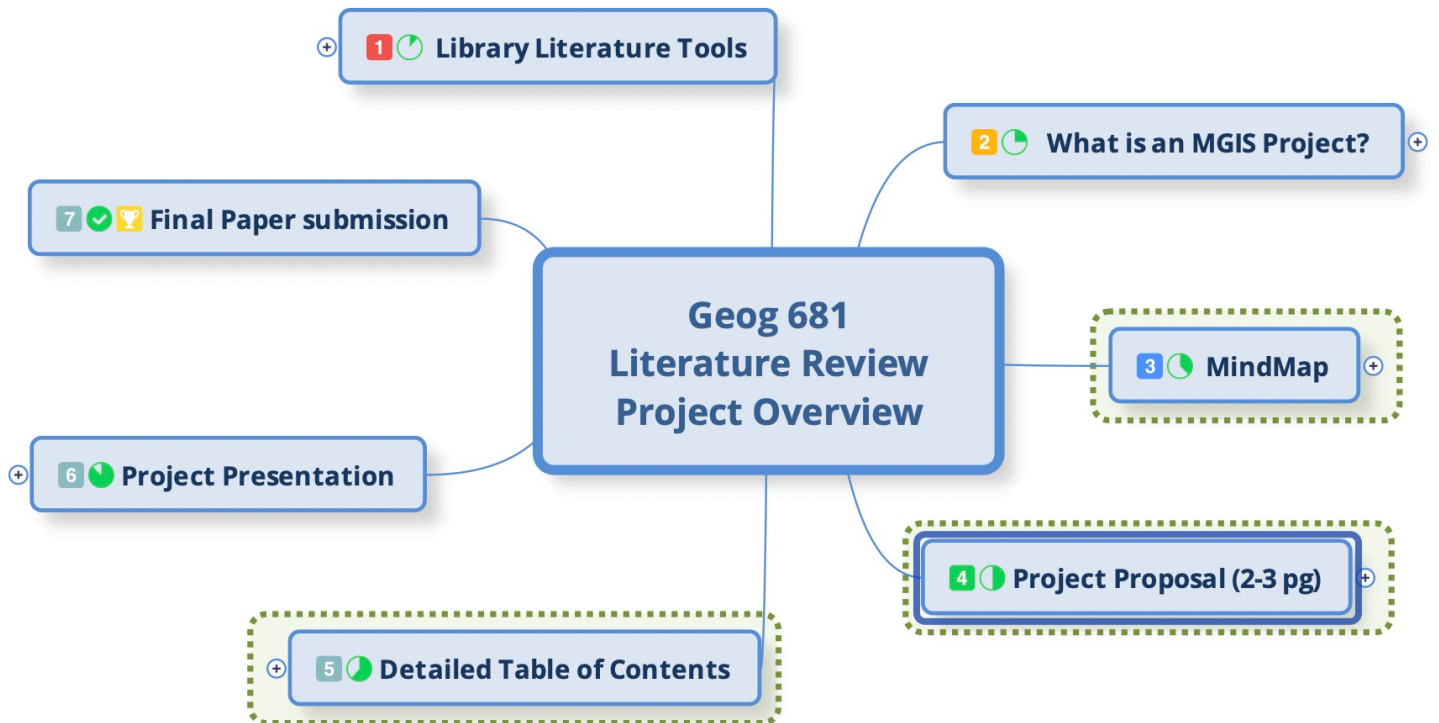
<b>Schedule (MW) Weeks / Dates</b>	<b>Geog 681 Topics</b>	<b>Deliverables + Grades (%)</b>
Week: 1 May 03	<b>T1:</b> Understanding how 681 and 683 fit together – Guest Lecture; Library TFDL Seminar – How to perform a literature search? Start thinking about your project, what data will you use?	
Week: 2 May 8, 11	<b>T2:</b> How to <b>Mind Map your project</b> ; Define your data; Create your <b>Project Proposal</b> (2-3 page summary) - <u>Submit for feedback</u> . What's in an MGIS project? <b>Review</b> 3 completed MGIS projects.	<b>5</b> <b>5</b>
Week: 3 May 15, 17	<b>T3: Present</b> Mind Maps (3-5 mins); <b>Group Reviews</b> of Project Proposal and Mind Map; <u>Resubmit for feedback/regrading</u> ; Class Brainstorming & Review; Convert Mind Map into a detailed Table of Contents (TOC) to help you write your paper.	<b>5</b> <b>10</b>
Week:4 May 22, 24	<b>T4:</b> How to <b>create</b> a PowerPoint presentation and deliver to the class – Review Grading scheme for presentation & paper – <b>Group Reviews detailed TOC.</b>	<b>5</b>
Week: 5 May 29, 31	<b>T5: Pre-Submission of detailed TOC/PowerPoint Reviews:</b> Personal evaluation sessions with Dr Hay	
Week: 6 June 05, 07	<b>T6: Final Powerpoint Presentations</b> (15 -20 mins); Class Reviews/Feedback.	<b>30</b>
Week: 7 June 12, 14	<b>T7:</b> Last Chance <b>Paper Review/Q&amp;A</b> with Dr Hay – <b>Final Paper Submitted.</b>	<b>40</b>

**Key Ideas/Deliverables:**

- Understand the relationship between Geog 681 and 683.
- Your literature review informs you about what you will do as a Geog 683 project.
- Understand the different types of literature reviews.
- Define your *Basic Project Questions*: why, what, where, when, how, and who cares?
- Define and have-in-hand your data before starting Geog 683
- Understand *Content and Scope*: tools to use, size/type of data, deliverables to create, time to complete your project, learn how to *Mind Map* and create a *Table of Contents* to guide your project development.
- Learn how to critically assess your own work and others.
- Present your project in class for group review. Give formal, constructive feedback.
- Submit formal Literature Review.

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Mind Map Summary of Course.



<https://www.youtube.com/watch?v= PUxv3BAFM8>

<https://simplemind.eu/how-to-mind-map/basics/>