



This course focuses on developing and using geographic data to answer spatial research questions, conduct basic statistics, spatial interpolations, and carrying-out multi-criteria modelling.

: Tuesdays and Wednesdays 13:30 to 14:20
Cornett Building A225
B01 Thursday 12:30 – 14:20 DTB A251
B02 Thursday 14:30 – 16:20 DTB A251
B03 Friday 10:30 – 12:20 DTB A251

: Tuesday 9:00 to 10:30

, Department of Geography, kmcanally@uvic.ca

When emailing me please include 'GEOG 328 - your name - brief subject' in the subject line, this helps me sort through emails and makes it easier to respond to your message.

: I am a sessional instructor in the Geography Department. My research considers issues of flooding and most recently the use of unpiloted aerial vehicles (UAV) to acquire images of floods to derive the velocity and extent of floodwater at all time steps of the inundation.

1. Understand how GIS can be used to solve spatial problems (theoretically and practically) in Geography and other disciplines.
2. Build a foundation in using GIS to: create summary statistics for geographic data, conduct terrain analysis, calculate the least cost path and interpolate data with open-source software ().
3. Acquire a strong academic skills foundation - specifically research - to find the resources you need, to collect, analyse and interpret data, to present results effectively and communicate findings in a report format.
4. Be able to evaluate the capabilities and limitations of GIS analysis critically.

Many of the assigned readings for this course will come from a free online e-resource entitled, Geospatial Analysis -6th Edition, 2018 by: de Smith, Goodchild, Longley (<http://www.spatialanalysisonline.com/HTML/index.html>). Also, a list of supplemental readings and learning materials available on CourseSpaces.

If you are interested, the recommended print textbook for this course is

difficulty logging in or password problems, contact the Computer Help Desk Email: helpdesk@uvic.ca, Tel: 250-721-7687

Geography Department website: uvic.ca/socialsciences/geography/
Undergraduate Advising: geogadvising@uvic.ca

Students are expected to attend all lectures and labs, take notes and be punctual. A high level of student cooperation and participation, involving asking and answering questions is expected.

Students must complete all evaluation components to obtain credit. Failure to complete an evaluation component without permission from the instructor, will result in an 'N' grade, which equals a Grade Point Value of 0.

Topic handouts based on lecture presentations will be provided before the beginning of class meetings on CourseSpaces.

Late assignments will be penalized 20% per day (including weekends and holidays). Exceptions will only be granted for documented medical or compassionate reasons. Please inform the instructor of your situation promptly (within 1-week). You may be required to provide written proof from a medical practitioner.

Students will not be permitted to write make-up tests except for documented medical or compassionate reasons. Any make-up test or examination may not follow the same format as the in-class one. Please inform the instructor of your situation promptly (within 1-week). You may be required to provide written proof from a medical practitioner.

As an Instructor, I can refuse a student admission to a lecture, laboratory, learning activity or exam because of lateness, misconduct, inattention or failure to meet the responsibilities of the course. Students who neglect their academic work may be assigned a final grade of 'N' (which equals a Grade Point Value of 0) or debarred from final examinations. Please refer to the University of Victoria academic calendar in the section on student academic conduct for further information.

Cell phones must be turned off or silenced during lectures and labs and ONLY be used during field activities if pertinent to do so.

Conflicts with holidays or travel plans are not considered an acceptable reason to apply for a deferred exam or assignment extension.

Please attend only the laboratory section for which you are registered. If you must miss a lab for exceptional circumstances, please decide with your TA and Instructor in advance to attend another section. In this situation, you may be asked to attend a specific lab section because of space requirements, and this may result in your missing content from other classes. This however does not change the due date of your lab assignment.

Details regarding your labs and their marks are managed by the course TA. Please discuss any issues or questions on labs with your TA first and then come to see me if you would like further clarification.

Unless otherwise stated students are expected to complete assignments independently.

Academic dishonesty (plagiarism, cheating) is a very serious matter in any academic institution and is dealt with severely at the University of Victoria.

Instructors and academic units have the responsibility to ensure that standards of academic honesty are met. By doing so, the institution recognizes students for their hard work and assures them that other students do not have an unfair advantage through cheating on essays, exams, and projects.

Plagiarism sometimes occurs due to a misunderstanding regarding the rules of academic integrity, but it is the responsibility of the student to know them. If you are unsure about the standards for citations, for referencing your sources, or unauthorized use of an editor.

Please familiarize yourself with the University policy on academic integrity found in the Undergraduate Calendar at the following website web.uvic.ca/calendar2019-09/undergrad/info/regulations/academic-integrity.html

If you have any questions or doubts, talk to me, your course instructor. For more information, see uvic.ca/learningandteaching/cac/index.php.

Infractions will be dealt with in accordance with University policy. Commonly, the penalty for any form of cheating/plagiarism is a grade of F on the tests or laboratory assignments, or a final grade of F in the course. However, depending on the severity of the case other penalties may include a record on the student's transcript or expulsion.

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a documented disability or health consideration that may require accommodations, please feel free to approach me and/or the Centre for Accessible Learning (CAL as soon as possible (<https://www.uvic.ca/services/cal/>). The CAL staff is available by appointment to assess specific needs, provide referrals, and arrange appropriate accommodations. The sooner you let us know your needs, the quicker we can assist you in achieving your learning goals in this course.

The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members.

UVic takes sexualized violence seriously, and has raised the bar for what is considered acceptable behaviour. We encourage students to learn more about how the university defines sexualized violence and its overall approach by visiting uvic.ca/svp. If you or someone you know has been impacted by

sexualized violence and needs information, advice, and/or support please contact the sexualized violence resource office in Equity and Human Rights (EQHR). Whether or not you have been directly impacted, if you want to take part in the important prevention work taking place on campus, you can also reach out:

Where: Sexualized violence resource office in EQHR; Sedgewick C119

Phone: 250.721.8021

Email: svpcoordinator@uvic.ca

Web: uvic.ca/svp

We value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall program for students in the future. The survey is accessed via MyPage and can be done on your laptop, tablet, or mobile device. I will remind you and provide you with more detailed information nearer the time but please be thinking about this important activity during the course.

A note to remind you to take care of yourself. Do your best to maintain a healthy lifestyle this semester by eating well, exercising, getting enough sleep and taking some time to relax. This will help you achieve your goals and cope with stress. All of us benefit from support during times of struggle. You are not alone.

Counselling Services -

uvic.ca/services/counselling/

Health Services -

uvic.ca/services/health/

Centre for Accessible Learning -

uvic.ca/services/cal/

Elders' Voices -

uvic.ca/services/indigenous/students/programming/elders/index.php