

Department of Geography – University of Victoria
Geography 418 – Advanced Spatial Analysis

September 2015

Instructor

Dr. Trisalyn Nelson (trisalyn@uvic.ca)
Tel: 472-5620; Office: DTB A237
Office hours: Tuesday 2:30-3:30

Lectures

Tuesday and Wednesday 1:30 - 2:20pm
CLE A 302

Teaching Assistant

Robin Kite robinkite@gmail.com

Lab

DTB A251
See Moodle

Learning Objectives

The goals of this course are for students to gain theoretical and applied experience in spatial statistics and advanced geographical analysis. Theoretical understanding will be emphasized through lectures and readings. Labs and a final project are designed to provide students with hands on experience applying theory to a range of data sets.

Textbook

O'Sullivan, D. and Unwin, D.J. 2003. Geographic Information Analysis. John Wiley & Sons, New Jersey.

O'Sullivan, D. and Unwin, D.J. 2010. Geographic Information Analysis, 2nd Edition. John Wiley & Sons, New Jersey.

Evaluation

Labs = 45%

Participation = 5%

Final Project = 50%

A+	A	A-	B+	B	B-	C+	C	D	F
90-100%	85-89%	80-84%	77-79%	73-76%	70-72%	65-69%	60-64%	50-59%	<49%

Undergraduate Grading**

<i>Passing Grades</i>	<i>Description</i>
A+ A A-	Exceptional, outstanding and excellent performance. Normally achieved by a minority of students. These grades indicate a student who is self-initiating, exceeds expectation and has an insightful grasp of the subject matter.
B+ B B-	Very good, good and solid performance. Normally achieved by the largest number of students. These grades indicate a good grasp of the subject matter or excellent grasp in one area balanced with satisfactory grasp in the other area.
C+ C	Satisfactory, or minimally satisfactory. These grades indicate a satisfactory performance and knowledge of the subject matter.
D	Marginal Performance. A student receiving this grade demonstrated a superficial grasp of the subject matter.
COM	Complete (pass). Used only for 0-unit courses and those credit courses designated by the Senate. Such courses are identified in the course listings.

** As per stated in the 2014-2015 Calendar

Late Policy

10% will be deducted for every day late. Exceptions will only be granted for medical reasons (requiring a written note from a medical practitioner stating your inability to attend class) or other extreme personal crises. Only the course instructor can grant exceptions. Please do not try and negotiate exceptions with your TA.

Lab Access Policy

Access to the Geomatics Laboratory is restricted for security purposes. You are required to purchase an entry

Academic Standards

Plagiarism will be dealt with in accordance with university policy. Please review calendar for details. Be sure and reference all material you use. If you have any questions, please contact me.

Students with a Disability

If you have any type of disability, there are support systems, resources, and accommodation actions available to you. If you wish to access any of these supports, resources or accommodations, I encourage you to contact the Resource Centre for Students with a Disability (

28-Oct		15	MAUP	Jelinski, D. E., & Wu, J. (1996). The modifiable areal unit problem and implications for landscape ecology. <i>Landscape ecology</i> , 11(3), 1240.
3-Nov		16	Trends	Nelson, T. A. (2012). Trends in spatial statistics. <i>The Professional Geographer</i> , 64(1), 8394.
4-Nov		17	Project Prep	
10-Nov		18	Reading week	
11-Nov		19	Reading week	
17-Nov		20	Presentations	
18-Nov	Nov			

