



GEOGRAPHY FINAL COURSE OUTLINE: FALL 2012

Geography 339 H (3-2)

ANALYTICAL METHODS IN GEOGRAPHY I

Section	Days	Time	Location
LEC01	MoWeFr	13:00 - 13:50	ICT 114
LAB 01	Fr	10:00 - 11:50	SS 018

Instructor: Greg McDermid	Office: ES 320
Telephone: 220 4780	Email: mcdermid@ucalgary.ca
TA: Shantel Koenig	

Please note: The emergency evacuation assembly point for classes taught in ICT is Social Science food court, and Social Sciences is Professional Faculties food court.

Course Description:

The field of Geography is marked by diversity in subject matter, which includes physical (environmental), human (socio-economic), and integrated (human-physical) topics of inquiry. It is therefore not surprising to learn that there exist a variety of analytical methods which geographers employ. This course serves as an introduction to these analytical approaches, taking you from the collection and presentation of geographic data to analysis and interpretation. The course is targeted for undergraduate students in geography and related disciplines with limited backgrounds in statistical approaches to geographic problem solving. Analytical examples and problem solving will involve the use of statistical computer packages. Students will leave this course with knowledge and experience in 'stats' and an appreciation for how they are applied to geographic issues.

Prerequisite:

Geography 231 or consent of the Department.

Grading:

- In-class tests (2 tests, 15% each) 30%
- Lab Assignments (5 assignments, 5% each) 25%
- In-class Group Assignment plus Pop Quiz 5%
- Registrar-scheduled Final Exam 40%

Note: It is NOT necessary to pass individual elements/components in order to pass the course.

The only acceptable reasons for missing an examination or assignment in this class, as listed in the Deferral of final Examinations section of the University of Calgary Calendar are illness, domestic affliction or religious conviction. If you miss an assignment or examination and you provide me with the appropriate documentation, you will have one

opportunity to make arrangement for the missed work. Without appropriate documentation you will receive a zero for that portion of your grade.

Required Text:

An Introduction to Statistical Problem Solving in Geography, 2nd edition by J. Chapman McGrew Jr., and Charles B. Monroe, published by McGraw Hill, 2000.

Other Resource Material:

There is no shortage of statistical reference material to choose from. If you are having difficulty understanding a concept in class or in the lab, it often helps to check out an alternative source of information. It may also provide you with a different example to work with. In addition to material in the McKimmie Library the following list of titles is available in the Map Collections Room (4th floor earth Sciences building).

Taylor, P.J. (1983). *Quantitative Methods in Geography: An Introduction to Spatial Analysis*, Prospect Heights Ill., Waveland Press Inc.

Gregory, S. (1973). *Statistical Methods and the Geographer*. London, Longman Group Limited.

Ebdon, D.E. (1985). *Statistics in Geography*. Oxford, Basil Blackwell

Blalock Jr, H.M. (1972). *Social Statistics*. New York, McGraw-Hill Book Company

Griffith, D.A., and C.G. Amrhein. (1991). *Statistical Analysis for Geographers*. Englewood Cliffs, Prentice Hall Inc.

McClave, J.T., and P.G. Benson. (1992). *A First Course in Business Statistics*. New York, MacMillan Publishing Company.

Grading Scheme:

A+	90-100	B+	77-79.9	C+	67-69.9	D+	57-59.9	F	0-49.9
A	85-89.9	B	73-76.9	C	63-66.9	D	53-56.9		
A-	80-84.9	B-	70-72.9	C-	60-62.9	D-	50-52.9		

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, members of faculty can and should use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Principles of conduct

The University of Calgary 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 the University's property. This statement applies in all situations where the members of the University community are acting in their University capacities. All Members of the University Community have a responsibility to familiarize themselves with this statement which is available at: <http://www.ucalgary.ca/pubs/calendar/current/j-2.html>

Plagiarism

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. Quite 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 proper referencing and 3) using work completed for another course. This activity will not be tolerated in this course and students conducting themselves in this manner will be dealt with according to the procedures outlined in the calendar.

<http://www.ucalgary.ca/honesty/plagiarism>

Disability Resource Centre Accommodations

If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

Freedom of Information and Protection of Privacy

FOIP: The Freedom of Information and Protection of Privacy (FOIP) legislation disallows the practice of having students retrieve assignments from a public place, e.g., outside 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 provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment.

Re: Posting of Grades and Picking-up of Assignments

- All assignments will be handles on Blackboard.
- Their own grades will be available to each student on Blackboard by password access. Grades will **not** be available at Geography's main office.

Contact Information for Student and Faculty Representation

- SU VP Academic Phone: 220-3911 and e-mail: suypaca@ucalgary.ca
- SU Faculty Rep. Phone: 220-3913 and e-mail: arts1@ucalgary.ca
- The students ombudsman office information can be found at:
<http://www.su.ucalgary.ca/page/affordability-accessibility/su-structure/contact-info>

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, 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.

Faculty of Arts Program Advising and Student Information Resources

- Have a question, but not sure where to start? The new Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS110, call us at 403-220-3580 or email us at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at (403) 220-5881 or visit them in their new space on the 3rd Floor of the Taylor Family Digital Library.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contact for Students Union Representatives for the Faculty of Arts:

arts1@su.ucalgary.ca,
arts4@su.ucalgary.ca

arts2@su.ucalgary.ca,

arts3@su.ucalgary.ca,