
**UNIVERSITY OF CALGARY
FACULTY OF ARTS
DEPARTMENT OF SOCIOLOGY**

COURSE OUTLINE

COURSE/SECTION:	Sociology 315 (L01)	
TITLE:	Introduction to Statistics II	
SESSION:	Winter 2016	
INSTRUCTOR:	Lloyd L. Wong	
OFFICE:	SS 928	
CONTACT:	Phone: 220-6504; Email: llwong@ucalgary.ca	
OFFICE HOURS:	T Th: 12:15 pm to 1:15 pm, or by appointment	
LECTURES:	T Th: 11:00 am – 12:15 pm in MFH 160	
LABS:	T: 3:30 – 6:20 pm in AFCL (SS 018) or ST 141	
TEACHING ASSISTANTS:	Tiffany Doherty	Miranda MacCallum
OFFICE:	SS 945	SS 945
CONTACT:	tldohert@ucalgary.ca	mmaccall@ucalgary.ca
OFFICE HOURS:	see Lab Outline	see Lab Outline
	Alla Konnikov	
	SS 943	
	akonniko@ucalgary.ca	
	see Lab Outline	
D2L	https://d2l.ucalgary.ca	
SOCIOLOGY WEBSITE	http://soci.ucalgary.ca	
SOCIOLOGY DEPT. OFFICE	The main Sociology Department office does not deal with any course-related matters. Please speak directly to your instructor.	
SAFEWALK SERVICES	The University of Calgary provides a “safe walk” service to any location on Campus, including the LRT, parking lots, bus zones, and campus housing. For Campus Security/Safewalk call 220-5333. Campus Security can also be contacted from any of the “Help” phones located around Campus.	
EMERGENCY EVACUATIONS	In the case of fire or other emergency evacuation of this classroom, please proceed to the assembly point by the Education Block Food	

Court. Please check these assembly point locations for your other classes at: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

STUDENT REPRESENTATION

The 2015-16 Students' Union VP Academic's email is: Stephan Guscott: email: suvpaca@ucalgary.ca. The Faculty of Arts has four SU representatives who may be contacted at any of the following email addresses: arts1@ucalgary.ca, arts2@ucalgary.ca, arts3@ucalgary.ca, and arts4@ucalgary.ca. You may also wish to contact the Student Ombudsperson for help with a variety of University-related matters: <http://www.ucalgary.ca/provost/students/ombuds/role>

ACADEMIC ACCOMMODATION

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services ; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf

EMAIL

Feel free to contact me over email at any time. Please put your course number and section in your email's subject line, and include a proper salutation, your full name, student ID, and a proper closing in the body of your email. All emails violating customary email conventions will be ignored. All other emails will be answered within one business day. Normally I do not answer emails over the weekend. Please take that into account when emailing me questions pertaining assignments or exams. If you have a course-related question, please check the course outline first. Questions that can be answered by consulting the course outline will not be answered. Also, please e-mail me for administrative purposes only, for example to set up an appointment. Please do not use e-mail as a replacement for an office visit, if there is something you want to discuss. Questions about the course content and readings, concerns about grades, or any other personal issues should be dealt with in person during my office hours.

TECHNOLOGY USE

Please note that the use of laptops, tablets, cell phones or other electronic devices is **not encouraged** during lectures. Students who require the use of electronic devices for academic accommodation purposes are exempt from this policy, but must provide documentation from Student Accessibility Services to the instructor. Please be sure to mute your cell phone and refrain from using it during class.

REQUIRED TEXTS AND READINGS

Healey, J. and Prus, S. G. (2016). *Statistics: A tool for social research, third Canadian edition*. Toronto: Nelson Education.

Allison, P. (1999). *Multiple Regression: A Primer*. Thousand Oaks : Pine Forge Press.

Readings to Download:

Preacher, K. and Hayes, A. 2004. SPSS AND SAS Procedures for Estimating Indirect Effects in Simple Mediation Models. *Behaviour Research Methods, Instruments & Computers* 36:717-731.

<http://link.springer.com/article/10.3758/BF03206553>

Prus, S. (2016). “Elaborating bivariate tables” to accompany *Statistics: A tool for social research, third Canadian edition* By J. Healey and S. Prus. Toronto: Nelson Education.

<http://www.nelson.com/statistics3ce> (go to Supplemental Chapters)

Prus, S. (2016). “Linear regression with dummy variables” to accompany *Statistics: A tool for social research, third Canadian edition* By J. Healey and S. Prus. Toronto: Nelson Education.

<http://www.nelson.com/statistics3ce> (go to Supplemental Chapters)

Prus, S. (2016). “Regression with a dichotomous dependent variable: An introduction to logistic regression” to accompany *Statistics: A tool for social research, third Canadian edition* By J. Healey and S. Prus. Toronto: Nelson Education.

<http://www.nelson.com/statistics3ce> (go to Supplemental Chapters)

Note: Additional readings may also be assigned at a later date.

COURSE DESCRIPTION, OBJECTIVES, AND LEARNING OUTCOMES

This is the second introductory course in social statistics offered by the Department of Sociology. As with the first introductory course (Sociology 311) it focuses on logic, interpretation, and application of statistical techniques. It assumes some prior statistical background such as the topics covered in Sociology 311 and basic use of the statistical software Stata. This course provides a review of some topics in Sociology 311 and introduces students to some multivariate strategies in advanced inferential statistics. Students will learn the material through lectures, readings, and participation in the labs. In the lab sessions students will use Stata to gain a “hands on” experience in calculating and interpreting some statistical techniques.

The course objectives are to provide students with the opportunity to learn the logic, meaning, computation and application of social statistics.

The learning outcomes for students, upon completion of this course, include the ability to:

- understand various multivariate statistical techniques used in quantitative data analysis;
- use and interpret multivariate statistical procedures using Stata; and
- interpret and evaluate sociological research findings that use multivariate statistical analysis.

The class format involves primarily lectures and working on problems. Students will be asked to demonstrate their understanding of course material by writing five mini-exams (tests) and completing a series of four lab assignments.

COURSE REQUIREMENTS, STUDENT EVALUATION, AND REGULATIONS

The final grade for this course will be based on five mini-exams and 4 lab assignments.

1. Exams

The five mini-exams will be held in class on January 28, February 11, March 10, March 31 and April 12th. and they are worth 60% of the total course grade. This is broken down as follows: #1 - 10% (Jan. 28); #2 - 10% (Feb. 11), #3 - 15% (Mar. 10), #4 - 15% (Mar. 31), and #5 - 10% (April 12) of the total course grade. These exams will consist of multiple-choice and short answer questions. They are not cumulative with respect to course content.

2. Lab Assignments

There will be 4 lab assignments for this course and each will be worth 10% each of the course grade. Lab assignments will be handed out at least one week before they are due and in total they will be worth 40% of the course grade. There will be a penalty of 10% per day (of the assigned grade) for late assignments except in cases of documented illness or extenuating circumstances.

3. Academic Misconduct

Please refer to the website listed below for information on University of Calgary policies on Plagiarism/Cheating/Other Academic Misconduct: <http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

4. Handing in Assignments

1. The main Sociology Department office does not deal with any course-related matters. Please speak directly to your instructor.
2. **Protection of Privacy:** The Freedom of Information and Protection of Privacy (FOIPP) legislation does not allow students to retrieve any course material from public places. Anything that requires handing back will be returned directly during class or 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.
3. Final grades are not posted by the Sociology Department. They are only available online.

5. Deferrals

When possible, please provide advance notice if you are unable to write an exam or complete/turn-in assignments on time. All requests for deferral of a course component due to health reasons must be accompanied by written documentation as outlined in the University Calendar and should be obtained while the student has the health issue rather than after recovery. Deferrals will be allowed in the following circumstances: illness, domestic affliction or religious conviction. Travel arrangements, misreading the syllabus, and scheduling conflicts with other classes or employment are not valid reasons for requesting a deferral. Deferrals will not be granted if it is determined that just cause is not shown by the student.

If you have missed a test for a legitimate reason, the instructor can require you to write a “make up” test as close in time to the original test as possible or can choose to transfer the percentage weight to another course component. If the instructor schedules a “make up” test for you, its date and location will be at the convenience of the Department of Sociology.

Deferred Term Work Form: Deferral of term work past the end of a term also requires a form to be filled out. It’s available at <http://www.ucalgary.ca/registrar/files/registrar/defTW.pdf>

Once an extension date has been agreed between instructor and student, the form should be taken to the Faculty of Arts Program Information Centre (SS 110) for approval by an Associate Dean (Students).

6. Ethics Research

Students are advised that any research with human subjects—including any interviewing (even with friends and family), opinion polling, or unobtrusive observation—must have the approval of the Faculty Ethics Committee. In completing course requirements, students must not undertake any human subjects research without discussing their plans with the instructor, to determine if ethics approval is required.

7. Breakdown, Weight, and Due Date of Student Evaluation

	<u>Weight</u>	<u>Due Date</u>
Exam #1	10%	January 28 th
Exam #2	10%	February 11 th
Exam #3	15%	March 10 th
Exam #4	15%	March 31 st
Exam #5	10%	April 12 th
Sub-Total of Exams	60%	
Lab Assignment #1	10%	As per Lab Outline
Lab Assignment #2	10%	As per Lab Outline
Lab Assignment #3	10%	As per Lab Outline
Lab Assignment #4	10%	As per Lab Outline
Sub-Total of Labs	40%	
Grand Total	100%	

8. Letter Grade Assignment

95-100 = A+	67 - 71 = C+
90 - 94 = A	63 - 66 = C
85 - 89 = A-	59 - 62 = C-
80 - 84 = B+	54 - 58 = D+
76 - 79 = B	50 - 53 = D
72 - 75 = B-	00 - 49 = F

9. Grade Reappraisal

Within two weeks of the date the exam/assignment is returned, students seeking reappraisal of examinations or assignments must submit a written response to the instructor explaining the basis for reconsideration of one’s mark. The instructor will reconsider the grade assigned and will then book a time with the student to discuss his or her work and rationale. It should be noted that a re- assessed grade may be raised, lowered, or remain the same.