

THE UNIVERSITY OF CALGARY
FACULTY OF ARTS
DEPARTMENT OF SOCIOLOGY
Winter 2018
SOCI 315 - Introductory Social Statistics II

INSTRUCTOR: Alla Konnikov
OFFICE: 2506-B

OFFICE HOURS: M 3:00 pm - 4:00 pm
E-MAIL: akonniko@ucalgary.ca
CLASS: M 12:00 pm - 2:50 pm in Main Building 1214
LAB: W 1:00 pm - 3:50 pm in Main Building 907C
TA: Erick Mohns, email: Erik.Mohns@rdc.ab.ca

COURSE DESCRIPTION

This is the second introductory course in social statistics offered by the Department of Sociology. Students are expected to have some prior statistical knowledge, such as the material covered in the first introductory course, and basic familiarity with statistical software. The main objective of the course is to expand on the concept of multivariate analysis. The key topics to be covered in the course are: (1) multivariate OLS regression model; (2) dichotomous predictors; (3) moderating effects; (4) mediation (path analysis) and (5) logistic and multinomial regression models. The statistical software used in this course will be SPSS.

Upon successful completion of this course, students should be able to:

- (1) Convey various multivariate statistical concepts and apply them in quantitative data analysis
- (2) Produce and interpret multivariate statistical procedures using SPSS software.

REQUIRED TEXTS

McClendon, McKee, J. 2002. Multiple Regression and Causal Analysis. Prospect Heights, IL: Waveland Press.

COURSE REQUIREMENTS

All assignments will be based on lectures, labs and assigned readings. Students are responsible for familiarising themselves with the assigned reading materials, for attending all lectures and labs, and for submitting all assignments on time. Keeping up with the material is very important for this course as the material gets progressively more difficult throughout the term. Although failure to attend classes will not be penalized, it is anticipated that it will likely reduce student performance and grades.

The final grade for the course consists of the following components:

Assessment	Date (Tentative)	Method of Submission	Weight
Lab assignments	A week after the lab assignment is distributed	Uploaded to D2L/In person	20% (10 x 2% each)
1st mid-term exam	February 12	In person	25%
2nd mid-term exam	March 19	In person	25%
Final exam	TBA	In person	30%

Lab assignments (20%)

During the weeks 2 to 14, students will complete 10 lab assignments and upload them onto D2L. The lab serves two purposes: (1) to produce statistical analysis using statistical software and (2) to practice the type of questions that will appear on your exams. Late assignments will not be accepted. **The lab assignments are not graded and you will receive full credit for each submission as long as all components are present.**

Exams: the 1st mid-term (25%); the 2nd mid-term (25%) and the final (30%)

Mid-term exams are NOT cumulative but the final exam is and will cover all the material learned during the course. Even so, all exams build upon previous material, including the material from SOCI 311. Exams will be administered during your lecture classes. Should you have any emergency which may interfere with your performance on the exam, or you arrive late because of an emergency, you need to let me know about it before you take the exam. Once you start the exam, it is your performance on that exam that will determine your grade.

Deferrals will be allowed in the following circumstances: illness, domestic affliction or religious conviction. Travel arrangements and misreading of the syllabus 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. Students who miss in-class evaluations must provide documentation justifying their absences to avoid penalty.

Email communication: 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. I do not answer emails over the weekend. Please take that into account when emailing me questions pertaining to 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.

Lab Printing Policy: Students will be charged a lab fee of \$15 that will cover the cost of all laser printing undertaken in the lab period (Wednesday from 13:00 to 15:50). This lab fee is mandatory and must be paid to the teaching assistant no later than Wednesday, January 25th. Students who fail to pay the lab fee will not be allowed to use computers in the Arts Computer Lab to complete their lab work.

LETTER GRADE ASSIGNMENT			
95 - 100 =	A+ (Outstanding)	67 - 71 =	C+
90 - 94 =	A (Excellent)	63 - 66 =	C
85 - 89 =	A- (Very Good)	59 - 62 =	C-
80 - 84 =	B + (Good)	54 - 58 =	D+
76 - 79 =	B (Satisfactory)	50 - 53 =	D
72 - 75 =	B-	00 - 49 =	F

COURSE TENTATIVE SCHEDULE

(Subject to adjustments as required or in consultation with the class)

Relevant readings from the textbook will be assigned for each class

Week	Date & time	Topic
1	Jan. 8	Review of bivariate regression
2	Jan. 15	Multiple regression
3	Jan. 22	Significance testing in multiple regression
4	Jan. 29	Assumptions
5	Feb. 5	Dichotomous predictor
6	Feb. 12	1st Mid-term exam
7	Feb. 19	Mid-term break - NO CLASS
8	Feb. 26	Multiple regression with dichotomous predictor
9	March 5	Moderation
10	March 12	Mediation
11	March 19	2nd Mid-term exam
12	March 26	Logistic regression
13	April 2	Multinomial logistic regression
14	April 9	Review

IMPORTANT RED DEER COLLEGE DATES

Winter 2018	
Jan. 2-6	U of C's Block Week Session
Jan. 3	FIRST DAY OF CLASSES FOR WINTER TERM
Jan. 15	Last day to apply to Graduate for Winter Conferral of Degrees in February
Jan. 19	Last day to DROP winter term half courses
Jan. 22	Last day to ADD/SWAP winter term half courses
Jan. 26	Fee payment deadline for winter term half courses
Feb. 1	Change of program deadline: Honours, Minor, Double Major or Combined Degree for 2018/2019
Feb. 19	Family day (college closed)
Feb. 20-23	Mid-term break (college open)
Feb. 26	Classes resume after mid-term break
Mar. 16	Final exam schedule posted for winter term
Mar. 19	Continuing Student registration begins for 2018/2019
Mar. 30	Good Friday (college closed)
Mar. 31	Last day to apply to Graduate for Spring Convocation in June
Apr. 10	LAST DAY OF CLASSES FOR FULL YEAR AND WINTER TERM COURSES
Apr. 13	Last day to Withdraw from full-year and winter term half-courses. (students will not be permitted to withdraw from any course for which they have already written a final exam)
Apr. 16- Apr. 21	Final exam week
Apr. 24	Deferred exams written for winter term

OTHER ADMINISTRATIVE INFORMATION

1. The main Sociology Department office does not deal with any course-related matters. Please speak directly to your instructor.

2. 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-5.html>

3. 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."

4. Ethical 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.

5. Deferrals: If possible, please provide advance notice to the instructor 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 and misreading of the syllabus 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 Final Exam Form: Please note that requests to defer a Registrar scheduled final exam are dealt with through the Registrar's Office. Further information about deadlines, and where paperwork should be taken, is available on the form, which can be found at: <https://www.ucalgary.ca/registrar/student-forms>

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 https://www.ucalgary.ca/registrar/files/registrar/deferred_termwork15_0.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. Student Representation: The 2017-18 Students' Union VP Academic is Tina Miller (suypaca@ucalgary.ca). For more information, and to contact other elected officials with the Student's Union, please visit this link: <https://www.su.ucalgary.ca/about/who-we-are/elected-officials/>. You may also wish to contact the Student Ombudsperson for help with a variety of University-related matters: <http://www.ucalgary.ca/ombuds/contact>

7. Academic Accommodation: The student accommodation policy can be found at: 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 ucalgary.ca/policies/files/policies/student-accommodation-policy. Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the course instructor.

8. Handing in papers, return of final papers, and release of final grades:

- All assignments for this course will be submitted to the instructor via D2L system or handed in as a hard copy during class. Papers will not be accepted in the main Sociology Department office.
- All feedback regarding assignments for this course will be provided by the instructor via email, D2L system or attached to the hard copy.
- Final grades are not posted by the Sociology Department. They are available only online.

Student Services on Red Deer College Campus

Students should be aware that Personal Counselling, Career, Learning and Disability Resources are provided by RDC. Students may inquire about locations at the Information Desk. It is the responsibility students to discuss their specific learning needs with the appropriate service provider.

Learning Support (Library: 403-342-3264, help_learn@rdc.ab.ca)

- Writing Skills Centre (writingskills@rdc.ab.ca)
- Math Learning Centre (math concepts and advanced theoretical math)
- Learning Strategies (note-taking, studying and exam-writing strategies)
- Peer-Assisted Study / Tutoring (one-on-one tutoring by students)

Disability Resources (Library: 403-357-3629, disabilityservices@rdc.ab.ca)

- Coordination of services (tutoring, alternate format text, note-taking and so on.)
- Academic accommodations, including exam accommodations

Counselling and Career Centre (Room 1402: 403-343-4064, counselling@rdc.ab.ca)