



# UNIVERSITY OF CALGARY

Winter 2020  
FACULTY OF ARTS  
Department of Sociology

Department of Sociology Website: <https://soci.ucalgary.ca/>

<b>COURSE TITLE: Introductory Social Statistics II</b>			
<b>Course Number</b>	SOCI 315		
<b>Pre/Co-Requisites</b>	SOCI 311		
<b>Instructor Name</b>	Dr. Alla Konnikov	<b>Email</b>	akonniko@ucalgary.ca
<b>Instructor Email Policy</b>	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. 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.		
<b>Office Location</b>	SS 1004	<b>Office Hours</b>	Wednesday and Friday 14:00-15:00, or by appointment
<b>Telephone No.</b>			
<b>TA Name</b>	1. Syed Hammad Ali 2. Rebecca Stockton 3. Mabel Teye-Kau 4. Alex Van Olm	<b>TA Email</b>	1. syedhammad.ali1@ucalgary.ca 2. rstockto@ucalgary.ca 3. mabel.teyekau@ucalgary.ca 4. acvanolm@ucalgary.ca
<b>TA Office Location</b>	1. SS 939 2. SS 941 3. SS 943 4. SS 941	<b>TA Office Hours</b>	1. Tuesday 13:00-14:00 2. Friday 14:00-15:00 3. Thursday 11:00-12:00 4. Wednesday 11:00-12:00
<b>Class Dates</b>	Monday		
<b>Class Times</b>	16:00 - 18:45		
<b>Class Location</b>	AD 140		
<b>Lab Times and Location</b>	Tuesdays, 16:00- 18:45; AFC (Arts Faculty) Lab (SS 018)		

**This is the updated version of the outline following the switch to remote teaching and learning. The changes are being highlighted.**

### **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 STATA.

### **Course Objectives/Learning Outcomes**

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 STATA software.

### **Required Textbooks, Readings, Materials, Electronic Resources**

Mehmetoglu, Mehmet and Jakobsen, Tor Georg. (2017). Applied Statistics Using Stata: A Guide for the Social Sciences. Sage Press.

### **Methods of Assessment and Grading Weights**

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 (1-7)	A week after the lab assignment is distributed	Uploaded to D2L	14% (7 x 2% each)
Lab assignment 8	Two weeks after the lab assignment is distributed	Uploaded to D2L	6%
1st mid-term exam	February 11	In person	25%
2nd mid-term exam	March 17	Uploaded to D2L	25%
Final exam	TBA	Uploaded to D2L	30%

### **1. Lab assignments (20%)**

During the weeks 2 to 14, students will complete 8 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. 7 of these lab assignments will be worth 2% each, and 8th lab assignments will be worth 6% and will be given a two-week timeframe to be completed.

### **2. 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. 1st Mid-term exams will be administered during the lab-time. The 2nd midterm and the final exam will be administered through the D2L system. The exam will be uploaded on the D2L in a doc. format and the complete version will be submitted to the relevant D2L folder. 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.

### **Final Exam Information**

The final exam will be registrar-scheduled.

## Grading Scale

Grade	Percent range	Grade Point Value	Description
<b>A+</b>	96 – 100%	4.0	Outstanding performance
<b>A</b>	90 – 95.99%	4.0	Excellent performance
<b>A-</b>	85 – 89.99%	3.7	Approaching excellent performance
<b>B+</b>	80 – 84.99%	3.3	Exceeding good performance
<b>B</b>	75 – 79.99%	3.0	Good performance
<b>B-</b>	70 – 74.99%	2.7	Approaching good performance
<b>C+</b>	67 – 69.99%	2.3	Exceeding satisfactory performance
<b>C</b>	63 – 66.99%	2.0	Satisfactory performance
<b>C-</b>	59 – 62.99%	1.7	Approaching satisfactory performance
<b>D+</b>	55 – 58.99%	1.3	Marginal pass. Insufficient preparation for subsequent courses in the same subject
<b>D</b>	50 – 54.99%	1.0	Minimal Pass. Insufficient preparation for subsequent courses in the same subject.
<b>F</b>	<50%	0	Failure. Did not meet course requirements.

## Passing Grades

There is no requirement to obtain a passing grade in each assessment in order to pass the course

## Course tentative schedule

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

Relevant readings from the textbook will be assigned to each class

Week	Date & time	Topic
1	Jan. 13	Review of bivariate regression
2	Jan. 20	Multiple regression
3	Jan. 27	Significance testing in multiple regression
4	Feb. 3	Assumptions
5	Feb. 10	Dichotomous predictor
	Feb. 11	<b>1st Mid-term exam</b>
6	Feb. 17	Mid-term break - NO CLASS
7	Feb. 24	Multiple regression with dichotomous predictor
8	March 2	Multiple regression with dichotomous predictor / Moderation
9	March 9	Moderation
10	March 16	NO CLASS
	March 17	<b>Review session for 2nd midterm</b>
11	March 23	Logistic regression
	March 24	<b>2nd Midterm</b>
12	March 30	Multinomial logistic regression & moderation
13	April 6	General review
14	April 13	NO CLASS

## **OTHER ADMINISTRATIVE INFORMATION**

### **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.

### **Handing in Papers, 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 can provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary
3. 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.
4. All feedback regarding assignments for this course will be provided by the instructor via email, D2L system or attached to the hard copy.
5. Final grades are not posted by the Sociology Department. They are only available online.

### **Research Ethics**

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.

### **Copyright Legislation**

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (<https://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf>) and requirements of the Copyright Act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

### **Instructor Intellectual Property**

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

### **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.html>

### **Absences and Deferrals**

Students who are absent from class assessments (labs and exams) should inform the instructor as soon as possible. The instructor may request that evidence in the form of documentation be provided. If the reason provided for the absence is acceptable, the instructor may decide that any arrangements made can take forms other than make-up tests or assignments. For example, the weight of a missed grade may be added to another assignment or test. For information on possible forms of documentation, including statutory declarations, please see <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>

**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 can be found at:

<https://www.ucalgary.ca/registrar/exams/deferred-exams>

**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://live-ucalgary.ucalgary.ca/sites/default/files/teams/1/deferred\\_termwork15\\_0.pdf](https://live-ucalgary.ucalgary.ca/sites/default/files/teams/1/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).

### **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 <https://www.ucalgary.ca/student-services/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.pdf>

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the course instructor.

### **Wellness and Mental Health Resources**

The University of Calgary recognizes the pivotal role that mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive support when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through Student Wellness Services (Room 370 MacEwan Student Centre, <https://www.ucalgary.ca/wellness-services/services/mental-health-services>) and the Campus Mental Health Strategy (<http://www.ucalgary.ca/mentalhealth/>).



### **Student Success Centre**

The Student Success Centre provides services and programs to ensure students can make the most of their time at the University of Calgary. Our advisors, learning support staff, and writing support staff assist students in enhancing their skills and achieving their academic goals. They provide tailored learning support and advising programs, as well as one-on-one services, free of charge to all undergraduate and graduate students. For more information visit: <https://www.ucalgary.ca/student-services/student-success>

### **Student Ombuds Office**

The Student Ombuds Office supports and provides a safe, neutral space for students. For more information, please visit [www.ucalgary.ca/ombuds/](http://www.ucalgary.ca/ombuds/) or email [ombuds@ucalgary.ca](mailto:ombuds@ucalgary.ca)

### **Student Union (SU) Information**

The SU Vice-President Academic can be reached at (403) 220-3911 or [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca); Information about the SU, including elected Faculty Representatives, can be found here: <https://www.su.ucalgary.ca>.

### **Emergency Evacuation/Assembly Points**

Assembly points for emergencies have been identified across campus. Assembly points are designed to establish a location for information updates from the emergency responders to the evacuees; from the evacuated population to the emergency responders. For more information, see the University of Calgary's Emergency Management website:

<https://live-risk.ucalgary.ca/risk/emergency-management/evac-drills-assembly-points/assembly-points>

### **Safewalk**

Campus security will escort individuals, day or night, anywhere on campus (including McMahon Stadium, Health Sciences Centre, Student Family Housing, the Alberta Children's Hospital and the University LRT station). Call 403-220-5333 or visit <http://www.ucalgary.ca/security/safewalk>. Use any campus phone, emergency phone or the yellow phone located at most parking lot pay booths. Please ensure your personal safety by taking advantage of this service.