UNIVERSITY OF CALGARY

Winter 2021
FACULTY OF ARTS
Department of Sociology
Department of Sociology Website: https://soci.ucalgary.ca/

COURSE TITLE: Introductory Social Statistics II			
Course Number	SOCI 315		
Pre/Co-Requisites	SOCI 311		
Instructor Name	Dr. Alla Konnikov	**Email**	akonniko@ucalgary.ca
Instructor Email Policy	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. 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 assignments or exams. If you have a course-related question, please check the course outline first. 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 held via zoom platform per request.		
Office Location	Zoom	**Office Hours**	Tuesday 12:15 – 13:15, or per request
TA Name	Courtney Baay	**TA Email**	courtney.baay@ucalgary.ca
TA Office Location	Zoom	**TA Office Hours**	TBA
TA Name	Winnie Lee	**TA Email**	winnifred.lee@ucalgary.ca
TA Office Location	Zoom	**TA Office Hours**	TBA
Class Dates & Times	Tuesdays and Thursdays 11:00 – 12:15		
Lab Dates & Times	Friday 9:00 – 11:45		
Class & Lab Locations	Online via Zoom		

Course Description

This class is the second introductory course to social statistics offered by the Department of Sociology. Students are assumed to have some prior statistical knowledge, equivalent to the material covered in the first introductory course (SOCI 311), and basic familiarity with statistical software. The course material centers on multivariate analysis. The course aims to cover the following concepts: (1) multivariate OLS regression modeling; (2) dichotomous predictors; (3) main and moderating effects; (4) mediation (path analysis) and (5) logistic and multinomial regression modeling.

Course Objectives/Learning Outcomes

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

(1) convey various statistical concepts related to multivariate analysis

(2) produce and interpret multivariate statistical procedures using STATA software.

Course Format

Please read this section carefully. This course is offered in a **hybrid format** that involves both synchronous and asynchronous components. **The lectures on Tuesdays (11:00-12:15) and the labs on Fridays (9:00-11:45) are delivered synchronously in accordance with the announced schedule via zoom platform**. The ability to attend these meetings is crucial for your success in this class. The lecture on Thursday will be delivered via an asynchronous weekly activity that students could perform on their own time schedule.

The lectures and labs will **not** be recorded and will **not** be posted on the D2L. Lecture slides, as well as other supportive and supplemented materials will be available on the D2L. **Please reconsider enrollment in this class if you are unable to attend lectures or labs synchronously via zoom platform.**

Learning Resources

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

Learning Technologies and Requirements

In order to successfully engage in their learning experiences at the University of Calgary, students taking online, remote and blended courses are required to have reliable access to the following technology:

- A computer with a supported operating system, as well as the latest security, and malware updates;
- A current and updated web browser;
- Webcam (built-in or external) - recommended;
- Microphone and speaker (built-in or external), or headset with microphone - recommended;
- Current antivirus and/or firewall software enabled;
- Broadband internet connection
- Also, students are required to familiarize themselves with the remote connection to the lab. Instructions will be uploaded on D2L.

Schedule of Lectures and Readings

(Subject to adjustments as required or in consultation with the class)
Relevant readings from the textbook will be assigned to each class

Date & time	Topic
Jan. 12	Review of bivariate regression
Jan. 19	Multivariate regression
Jan. 26	Significance testing
Feb. 2	Significance testing in multivariate regression
Feb. 9	Dichotomous predictors
Feb. 16	**Mid-term break - NO CLASS**
Feb. 23	Review
Feb 26	**Mid-term exam**
March 2	Multiple regression with dichotomous predictors
March 9	Multiple regression with dichotomous predictors / Moderation
March 16	Moderation
March 23	Mediation
March 30	Logistic regression
April 6	Multinomial logistic regression & moderation
April 13	Review
April 15	**Final exam**

Methods of Assessment and Grading Weights

All assignments are based on lectures, labs and assigned readings. Students are responsible for familiarizing themselves with the course material, for attending lectures and labs via zoom, for participating in class activities and for submitting all assignments on time. Keeping up with the material is very important for this class as the material gets progressively more difficult throughout the term. Although failure to attend classes via zoom will not be penalized, it is anticipated to produce a negative effect on students' performance and grades.

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

Assessment	Date (Tentative)	Method of Submission	Weight
Class material summaries/notes	On Tuesdays, a week after the material is covered	Uploaded on D2L	10% (10 x 1% each)
Lab assignments	On Fridays, a week after the lab assignment is distributed	Uploaded on D2L	20% (10 x 2% each)
Mid-term exam	February 26, 2021	Uploaded on D2L	35%
Final exam	April 14, 2021	Uploaded on D2L	35%

1. **Class material notes (10%)**

During the weeks 1 to 13, students will submit 10 summaries that will reflect the main concepts covered on the week prior to submission. The summary should be 1-2 pages long and must be uploaded on D2L on each Tuesday, a week after the topic was covered. The goal of this assessment is to help students to keep up with the material delivered on the lectures through active weekly engagement. Thursday's lecture, or the equivalent amount of time is allocated to review the material and generate the summary. This assessment is not graded and students will receive full credit upon timely submission. **Students are allowed to collaborate while working on this assignment.**

2. Lab assignments (20%)

During the weeks 1 to 13, students will complete 10 lab assignments and upload them on D2L. The lab assignments serve two purposes: (1) learn how to generate and interpret STATA outputs and (2) to practice the type of questions that will appear on the exams. Late assignments

will not be accepted. **Students are <mark>NOT</mark> allowed to collaborate while working on this assignment.**

3. Exams: mid-term (35%) and final (35%)

The exams will be administered via D2L platform. **You will have 24 hours to complete your exam.** The detailed information on how the exams will be organized and administered will be discussed in the beginning of the course. Should you have any emergency which may interfere with your performance on the exam, 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. The midterm exam will start at 9am on February 26, 2021 and will end at 9am on February 27, 2021. The final exam will start at 9am on April 14, 2021 and will end at 9am on April 15, 2021.

Students are <mark>NOT</mark> allowed to collaborate while working on this assessment.

During the exams, students must work entirely independently and the following activities, as well as other forms of collaboration are prohibited:

- Discussing questions with the others, approaching to answers, seeking suggestions of where to find relevant material in notes or texts) in any way (voice, text, chat, etc.)
- Using online file sharing and "tutoring" sites such as CourseHero, Chegg, etc.
- Using any sources (online or otherwise) not provided by the instructor
- Seeking and using any external help such as tutoring (online or otherwise)

<mark>Failure to refrain from these activities during the exams may be considered academic misconduct and will be reported to the Associate Dean.</mark>

Final Exam Information

The final exam will be a take-home exam and you will be given a 24 hours window to complete the exam.

Grading Scale

Letter grades will be assigned and submitted to the registrar based on the following scale:

Grade	Percent range	Grade Point Value	Description
A+	96 – 100%	4.0	Outstanding performance
A	90 – 95.99%	4.0	Excellent performance
A-	85 – 89.99%	3.7	Approaching excellent performance
B+	80 – 84.99%	3.3	Exceeding good performance
B	75 – 79.99%	3.0	Good performance
B-	70 – 74.99%	2.7	Approaching good performance
C+	67 – 69.99%	2.3	Exceeding satisfactory performance
C	63 – 66.99%	2.0	Satisfactory performance
C-	59 – 62.99%	1.7	Approaching satisfactory performance
D+	55 – 58.99%	1.3	Marginal pass. Insufficient preparation for subsequent courses in the same subject
D	50 – 54.99%	1.0	Minimal Pass. Insufficient preparation for subsequent courses in the same subject.
F	<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

Absences and Deferrals
Students who miss class assessments (tests, participation activities, or other assignments) should inform their instructor as soon as possible. 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.

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 requires a form to be filled out by the student and submitted, along with any supporting documentation, to the instructor. The form is available at:

Once an extension date has been agreed between instructor and student, the instructor will email the form to the Faculty of Arts Program Information Centre (ascarts@ucalgary.ca) for approval by the Associate Dean.

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. Final grades are not posted by the Sociology Department. They are only available online.

Guidelines for Zoom Sessions

Zoom is a video conferencing program that will allow us to meet at specific times for a "live" video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community.

To help ensure Zoom sessions are private, do not share the Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Materials presented in Zoom, including any teaching materials, must not be shared, distributed or published without the instructor's permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith, and respect (as per the Code of Conduct). When entering Zoom, you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behaviour in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g. Student Non-Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your zoom sessions visit: https://elearn.ucalgary.ca/guidelines-for-zoom/ .

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 Conjoint Faculties Research Ethics Board. 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-policy.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.

Recording of Lectures

The audio or video recording of lectures and taking screengrabs of PowerPoint slides during the lecture are not permitted without explicit authorization. The non-authorized media recording of lectures is inconsistent with the Code of Conduct and may result in discipline in accordance with the Student Non-Academic Misconduct Policy and Procedure. For more information click here: https://www.ucalgary.ca/policies/files/policies/non-academic-misconduct-policy.pdf.

Sharing of Lecture Notes and Exam Questions

Publicly sharing lectures notes and exam questions on 3rd party sites such as OneClass, StudyBlue, Quizlet, Course Hero, etc. is not permitted. If you wish to use these helpful studying tools, make sure you adjust your privacy settings accordingly. Any violations are subject to investigation under the UofC Student Non-Academic Misconduct Policy. For more information, click here:https://www.ucalgary.ca/policies/files/policies/non-academic-misconduct-policy.pdf.

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

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.pdf

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

Libraries & Cultural Resources

To contact your librarian or find out about the resources and services available to sociology students go to the Sociology Library guide: https://library.ucalgary.ca/guides/sociology

To access the main Library website, go to: https://library.ucalgary.ca

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/ or email ombuds@ucalgary.ca.

Student Union (SU) Information

The SU Vice-President Academic can be reached at (403) 220-3911 or 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.