



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. Josh Curtis	Email	joshua.curtis@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. Also, please e-mail me for administrative purposes only, for example to set up an appointment.		
Office Location	N/A	Office Hours	Tuesday 10-11 or by apt
Telephone No.	N/A		
TA Name	M. Raihan	TA Email	mohammadmojammel.rai@ucalgary.ca
TA Name	M. Jong	TA Email	Melanie.jong@ucalgary.ca
Class Dates	January 11 – April 15		
Class Times	asynchronous		
Class Location	Online		

Course Description

This course focuses on multivariate statistics. It includes topics such as multiple regression, dichotomous predictors, non-linear relationships, interaction analysis and logistic regression. The course will briefly review and expand on the material learned in SOCI 311 (Introductory Social Statistics I). Each week will consist of one 2:45 minute lecture) and one two hour and forty-five minute lab. The lab will provide students with hands-on experience analyzing and applying the key concepts from lecture using a large sample survey and the statistical software program STATA. Students for whom the current 311 curricula is unfamiliar may need to perform additional work to become sufficiently familiar with the background material.

Course Objectives/Learning Outcomes

- At the end of this course students will be able to:
- Understand and apply basic OLS regression to the study of sociologically-based research questions;
- Be familiar with the concepts of statistical control, mediation and interaction, and understand why these are commonly used in the social sciences;
- Employ a dichotomous predictor in a multivariate regression model using STATA and run and analyze regression models with dichotomous outcome variables; and
- Articulate their own, methodologically grounded opinions about contemporary developments related to issues covered in the course.

Course Format

This course will require asynchronous involvement with lectures and synchronous involvement in labs. All lecture and lab material will be posted online.

Learning Resources

The textbook below is optional, but I strongly suggest its purchase.

Mehmetoglu, Mehmet and Tor Georg Jakobsen. 2017. Applied Statistics Using Stata: A Guide for the Social Sciences. London: Sage Publications Ltd. (to be purchased in the bookstore)

Learning Technologies and Requirements

There is a D2L site for this course which will contain all lecture videos and PowerPoint slides, as well as the data you will use in labs and sample Stata syntax (see d2L.ucalgary.ca).

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);
- Microphone and speaker (built-in or external), or headset with microphone;

- Current antivirus and/or firewall software enabled;
- Broadband internet connection.

Most current laptops will have a built-in webcam, speaker and microphone.

Schedule of Lectures and Readings

Video lecture and PowerPoint slides will be posted on D2L as the class progresses. Students should follow along with the recorded lectures posted on D2L. Students will still need to take notes, even if the PowerPoint slides are available. There are no lecture notes besides the PowerPoint slides and videos. Students will be notified by email when a set of slides and recording are posted to D2L. The email will indicate the reading assignment that corresponds to the posted lecture, and the number of class periods for which the lectures are expected to take.

Please note that all lectures are asynchronous, but the labs component of the course will be synchronous. The labs will be Thursday from 3:30 to 6:15 pm. The first lab will occur during our second week of classes.

Methods of Assessment and Grading Weights

Quizzes.

This course will have quizzes (approximately) every two weeks. You will be given one week notice before each quiz that will be posted to D2L (approximately) every other Monday, except during Reading Week. The quiz will be posted on D2L at approximately 9:00 am on Monday. Each quiz will be composed of 20-30 true/false and multiple choice questions. I estimate that each quiz will take no more than 1.5 hours to complete, but students will be allowed 3 hours to complete each quiz. Students will have until the following Friday at 11:59 pm to complete the quiz.

Please be aware that, when taking a quiz, only one question will be displayed on a page. Students will not be allowed to go back once they have submitted an answer. It is the students' responsibility to ensure that they have selected an answer they intended before moving on to the next question. It is also the student's responsibility to ensure that they finish to quiz in the allotted time. Once a student has submitted the quiz, the student cannot go back and change answers.

Quizzes will focus on all material recently covered in class. However, because knowledge in statistics is cumulative, all quizzes may address any material covered so far in class, up to and including the very first lecture. Students will not need to use Stata for the quizzes, but may be asked to interpret Stata output on the quizzes.

All quizzes are open-note and open-book (if purchased). Students may use all lecture and lab materials in answering the questions; students may also use the optional textbook listed on the course outline. Students may not use any other resource to complete the quizzes. Prohibited resources include, but are not limited to: friends, family, other students in the class; tutors, your instructor, or TAs; google, web pages, twitter, a class discord, or other electronic resources. If a

student is unclear on whether a resource is prohibited, the student should contact Dr. Curtis before using the resource.

A quiz average will be worth 50% of a student's grade. A student's quiz average will be based on the total number of quiz questions that are correctly answered out of the total number of quiz questions across the semester. For example, if across all of the quizzes in the semester, there were a total of 134 questions, and a student correctly answered 122 questions, the student's quiz average will be $100 * (122/134) = 91.04478\%$. Each quiz average will be rounded to the fifth decimal place.

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Labs.

Labs will serve two purposes. First, labs will be a student's opportunity to answer questions regarding material that will be addressed on the quizzes, but with a T.A. or instructor available for assistance. Second, students will learn and apply the Stata computer program to analyze data using statistical procedures that are being covered in class. Lab assignments will be a mix of work problems and Stata exercises. Labs should be turned in through the appropriate folder on D2L. Labs will be conducted remotely on Thursdays from 3:30 to 6:15 pm. The first lab will occur on Jan. 14th. You will need to log into a lab computer remotely through the university VPN. Directions on how to use the university VPN will be provided on D2L.

Labs will typically be due by 3:30 on the following Thursday before our next lab begins (i.e., one week later), but due dates will be on the lab assignment. If a student does not turn in the lab by this date and time, the D2L folder will close and the student will need to email the assignment directly to Dr. Curtis. If the lab is turned in after the due date and does not meet the policy for deferrals, 50% of the total marks possible will be deducted from the lab before any marks are deducted for errors.

If a student turns in an assignment partially completed, no additional aspects of the assignment will be accepted after the due date. Furthermore, if a student accidentally turns in the wrong assignment and does not realize this until after the due date, the student will not be allowed to turn in the correct assignment for credit after the due date. A student is free to turn in an updated assignment before the due date, though; D2L will be set so that only the most recently turned-in assignment is retained for grading.

Absolutely no handwriting or pictures of handwriting should be turned in as a lab answer; hand-written drawings of figures or pictures of hand-written drawings are also not acceptable. Answers of this type will not receive lab credit.

The lab average will be worth 50% of a student's final grade. Lab averages will be calculated similarly to quiz averages. All marks that a student earned throughout the semester will be added together. This sum will then be divided by the sum of all marks possible on labs throughout the semester. Multiplying this value by 100 will produce the lab average. Each lab average will be rounded to the fifth decimal place.

Extra Credit.

Extra credit assignments are not typically offered, but if an opportunity for extra credit arises, this opportunity will be given to the class as a whole. Individual opportunities for extra credit will not be allowed.

Calculation of Final Average.

The final average will be calculated as $((05 * \text{lab average}) + (0.5 * \text{quiz average}))$. The result of this calculation will then be rounded to the fourth decimal place. Please note that, after rounding to the fourth decimal place, Dr. Curtis will not round up when assigning a letter grade. For example, if a student's final average is 89.9999 when rounded to the fourth decimal, this will convert to an A-, not an A.

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 – 95.9999%	4.0	Excellent performance
A-	85 – 89.9999%	3.7	Approaching excellent performance
B+	80 – 84.9999%	3.3	Exceeding good performance
B	75 – 79.9999%	3.0	Good performance
B-	70 – 74.9999%	2.7	Approaching good performance
C+	67 – 69.9999%	2.3	Exceeding satisfactory performance
C	63 – 66.9999%	2.0	Satisfactory performance
C-	59 – 62.9999%	1.7	Approaching satisfactory performance
D+	55 – 58.9999%	1.3	Marginal pass. Insufficient preparation for subsequent courses in the same subject
D	50 – 54.9999%	1.0	Minimal Pass. Insufficient preparation for subsequent courses in the same subject.
F	<50%	0	Failure. Did not meet course requirements.

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. For example, the weight of a missed grade may be added to another assignment or test.

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:

<https://live-ucalgary.ucalgary.ca/sites/default/files/teams/14/deferral-of-term-work-2020.pdf>

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. Zoom recordings and 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 or other video conferencing sessions (such as MS Teams), 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/>.

If you are unable to attend a Zoom session, please contact your instructor to arrange an alternative activity for the missed session (e.g., to review a recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work, presentations, etc.).

The instructor may record online Zoom class sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised before the instructor initiates a recording of a Zoom session. These recordings will be used to support student learning only and will not be shared or used for any other purpose.

Media Recording

Please refer to the following statement on media recording of students:

https://elearn.ucalgary.ca/wp-content/uploads/2020/05/Media-Recording-in-Learning-Environments-OSP_FINAL.pdf

***Media recording for lesson capture**

The instructor may use media recordings to capture the delivery of a lecture. These recordings are intended to be used for lecture capture only and will not be used for any other purpose. Although the recording device will be fixed on the Instructor, in the event that incidental student participation is recorded, the instructor will ensure that any identifiable content (video or audio) is masked, or

will seek consent to include the identifiable student content to making the content available on University approved platforms.

***Media recording for self-assessment of teaching practices**

The instructor may use media recordings as a tool for self-assessment of their teaching practices. Although the recording device will be fixed on the instructor, it is possible that student participation in the course may be inadvertently captured. These recordings will be used for instructor self-assessment only and will not be used for any other purpose.

***Media recording for the assessment of student learning**

The instructor may use media recordings as part of the assessment of students. This may include but is not limited to classroom discussions, presentations, clinical practice, or skills testing that occur during the course. These recordings will be used for student assessment purposes only and will not be shared or used for any other purpose.

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 screenshots 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 Representation

The Graduate Student Association VP Academic can be contacted at vpa.qsa@ucalgary.ca

For more information, and to contact other elected officials with the GSA, please visit this link:

<https://www.ucalgary.ca/pubs/calendar/grad/current/graduate-students-association-gsa-grad.html>

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.