



UNIVERSITY OF
CALGARY

Faculty of Arts

School of Languages, Linguistics, Literatures and Cultures

LING 660

Statistics for Linguistics Research

TR 12:30 - 13:45

SA125

Winter 2018

COURSE OUTLINE

INSTRUCTOR'S NAME: Stephen Winters

OFFICE LOCATION: Craigie Hall C 122

OFFICE HOURS: Wed. 2:00-3:00

TELEPHONE NUMBER: 403-220-7230

E-Mail : swinters@ucalgary.ca

DESCRIPTION

This course is an introduction to basic statistical concepts, methods of analysis, and quantitative modeling techniques, with a focus on their application to the unique properties of language research and linguistic data. The objective of the course is to enable students of linguistics to develop the skills necessary to scientifically analyze the quantitative results of their own research.

DISTRIBUTION OF GRADES

Homework (50% of final grade)

Final Exam (25% of final grade)

Final Project (25% of final grade)

GRADING SCALE

98% \leq A+

78 \leq C+ < 80

92 \leq A < 98

72 \leq C < 78

90 \leq A- < 92

70 \leq C- < 72

88 \leq B+ < 90

68 \leq D+ < 70

82 \leq B < 88

60 \leq D < 68

80 \leq B- < 82

F < 60



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REQUIRED TEXTS

Keith Johnson (2008), *Quantitative Methods in Linguistics*. Malden, MA: Blackwell Publishing.

RECOMMENDED TEXTS AND MATERIALS

David S. Moore, George P. McCabe and Bruce A. Craig (2015), *Introduction to the Practice of Statistics*, 8th ed. New York: W.H. Freeman and Company.

COURSE NOTES

Students are required to download R and install it on a laptop or device that they can bring to class. R is open-source and is freely available for a variety of computing platforms here: <http://www.r-project.org/>

ACADEMIC MISCONDUCT

1. **Plagiarism** is a serious offence, the penalty for which is an F on the assignment and possibly also an F in the course, academic probation, or requirement to withdraw. Plagiarism exists when:
a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test);
b) parts of the work are taken from another source without reference to the original author;
c) the whole work (e.g., an essay) is copied from another source, and/or
d) a student submits or presents work in one course which has also been submitted in another course (although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved.

While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted."

Plagiarism occurs not only when direct quotations are taken from a source without specific acknowledgement but also when original ideas or data from the source are not acknowledged. A bibliography is insufficient to establish which portions of the student's work are taken from external sources; footnotes or other recognized forms of citation must be used for this purpose.

2. **Cheating** at tests or examinations includes but is not limited to dishonest or attempted dishonest conduct such as speaking to other candidates or communicating with them under any circumstances whatsoever; bringing into the examination room any textbook, notebook, memorandum, other written material or mechanical or electronic device not authorized by the examiner; writing an examination or part of it, or consulting any person or materials outside the confines of the examination room without permission to do so, or leaving answer papers exposed to view, or persistent attempts to read other students' examination papers.

3. **Other academic misconduct** includes, but is not limited to, tampering or attempts to tamper with examination scripts, class work, grades and/or class records; failure to abide by directions by an instructor regarding the individuality of work handed in; the acquisition, attempted acquisition, possession, and/or distribution of examination materials or information not authorized by the instructor; the impersonation of another student in an examination or other class assignment; the falsification or fabrication of clinical or laboratory reports; the non-authorized tape recording of



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lectures.

4. Any student who voluntarily and consciously aids another student in the commission of one of these offences is also guilty of academic misconduct.

DISABILITIES AND ACADEMIC ACCOMMODATION

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services office at 403-210-6019 or access@ucalgary.ca; 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

EMERGENCY EVACUATION ASSEMBLY POINTS

Craigie Hall: Professional Faculties food court (alternate: Education Block food court)
Education Block and Tower: Scurfield Hall atrium (alternate: Professional Faculties food court)
Kinesiology: north courtyard, MacEwan Student Centre (alternate: University Theatres lobby)
For the complete list of assembly points please consult <http://www.ucalgary.ca/emergencyplan/assemblypoints>

FACULTY OF ARTS PROGRAM ADVISING AND STUDENT INFORMATION RESOURCES

- Have a question, but not sure where to start? The new Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS110, call us at 403-220-3580 or email us at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at (403) 220-5881 or visit them in their new space on the 3rd Floor of the Taylor Family Digital Library.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contact for Students Union Representatives for the Faculty of Arts:
arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca

FREEDOM OF INFORMATION AND PRIVACY (FOIP) ACT

Graded assignments will be retained by the Department for three months and subsequently sent for confidential shredding. Final examinations will be kept for one calendar year and subsequently sent for confidential shredding. Said material is exclusively available to the student and to the department staff requiring to examine it.

Please see <http://www.ucalgary.ca/secretariat/privacy> for complete information on the disclosure of personal records.

INTERNET AND ELECTRONIC COMMUNICATION DEVICES

Devices such as laptops, palmtops and smartbooks are allowed provided that they are used exclusively for instructional purposes and do not cause disruption to the instructor and to fellow students. Cellular telephones, blackberries and other mobile communication tools are not permitted and must be switched off.

SAFEWALK



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To request a Safewalk escort anywhere on campus, 24 hours a day and seven days a week, please call 403-220-5333 or use one of the Help Phones.

Web: <http://www.ucalgary.ca/security/safewalk>

STUDENT UNION INFORMATION

Representatives and contact details: <http://www.su.ucalgary.ca/home/contact.html>

Student Ombudsman: <http://www.su.ucalgary.ca/services/student-services/student-rights.html>

WRITING ACROSS THE CURRICULUM

Writing skills should cross all disciplines. Students are expected to do a substantial amount of writing in their courses and, where appropriate, instructors can and should use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office (<http://www.efwr.ucalgary.ca/>) can be utilized by all undergraduate and graduate students who feel they require further assistance.