



COLLEGE OF SOCIAL AND APPLIED HUMAN SCIENCES  
Department of Sociology and Anthropology

**QUANTITATIVE METHODS**  
**SOAN\*3120 (01)**  
**Fall 2022**

**Class:** 2 lecture hours + 1 seminar hour per week

**Instructor:** Dr. Ryan Broll  
Email: rbroll@uoguelph.ca

**Course Description:**

This course introduces students to the techniques of statistical analysis used by sociologists, including descriptive statistics, hypothesis testing, and measures of association. Although statistical analyses are based on mathematical calculations, students do not require advanced mathematical knowledge to succeed in this course. Instead, attention will be given to understanding why, when, and how to use analytic techniques and students will acquire skills in using a standard computer package to perform data analyses. The course provides students with a range of practical skills and will prepare students to critically read the research literature and take more advanced courses in social statistics.

**Required Texts:**

Haan, Michael and Jenny Godley. 2017. *An Introduction to Statistics for Canadian Social Scientists*, 3rd edition. Don Mills, ON: Oxford University Press. ISBN: 978-0-19-902059-1.

**Evaluation:**

Evaluation may include participation in small-group seminars, lab assignments, larger assignments to demonstrate knowledge of course concepts, exams, and/or other learning activities.

Note: This draft outline is for informational purposes only and may change at the Professor's discretion. A complete syllabus will be shared in the first class in September.