

SOCI 376 ¹

Quantitative Research Methods

THIS IS QUANTITATIVE METHODS



**QUANTITATIVE: THE SCIENTIFIC OBSERVATIONS
THAT ARE BASED ON MEASUREMENTS AND
NUMBERS.**

Instructor: Dr. Tamara Humphrey

Course Description and Objectives:

This course provides a detailed examination of quantitative research methods and techniques in sociological research. A key objective of this

class is to provide students with a critical understanding of the approaches used in quantitative research with a particular focus on survey methods that are used to investigate social phenomena. We will also cover program evaluation and whether/how it is possible to use quantitative methods in feminist and Indigenous research.

Topics will include research design, measurement and issues related to reliability and validity, questionnaire construction, sampling, data collection, and understanding and implementing data analysis techniques. Students will engage in a research project that will employ population-level Canadian survey data² over the course of the term. Emphasis will also be placed on the interpretation of research conducted by others. This course aims to help develop an understanding of various quantitative methods, and to learn how to effectively conduct and evaluate research in both academic and non-academic contexts.

Course Pre/Co-requisites:

SOCI 211 and SOCI 271 are required as pre-requisites for this course.



¹ This online outline is only intended to give an overall sense of the course. Detailed course outlines will be made available for all registered students on the first day of class. Only those outlines are to be considered official.

² The data that we will use is subject to change.

Format of classes:

While this class is primarily lecture-based, students will also have several lab sessions – scheduled during class time that will be built around different phases of their research projects.

Required Resources:

There is no official textbook. Scanned chapters from various textbooks will be uploaded to Brightspace and articles will be available online through the university library.