Overview and Objectives

Political Science is an empirical discipline. This means that we apply the scientific method to generate and test theories about how the political world works, in order to improve our understanding of political phenomena. In this class, you will learn the tools necessary to think like a researcher.

In particular, you will learn to generate and apply abstract theories, derive and identify specific conditions under which predictions from these theories should hold, and design studies to evaluate whether these hypotheses are supported. This means that, rather than thinking of every election, war, economic crisis, or other political outcome of interest as unique events, you will learn how to investigate which characteristics systematically make outcomes more or less likely. The principles of scientific research design learned in this class will help you better understand what you read and learn in other classes, assist in making you a more critical consumer of (political) information, as well as develop marketable skills for the future.

Learning Outcomes

At the end of the course, students should be able to:

- Students will explain the fundamentals of applying the scientific model to social science research.
- Students will identify the key elements of a theory and hypothesis testing.
- Students will describe basic tenants of measuring and describing data.
- Students will demonstrate an understanding of appropriately testing social science hypotheses.

Required Texts

Grading

Grades are based on 2 assessments (30% each), 3 homework assignments (10%, 5% and 5%), and in-class participation (20%). All readings are required to be completed prior to class. Assignments are required to be uploaded to Quercus; late assignments are penalized 10 percentage points of grade per day (including weekends).

Tutorials

In tutorials, students will review the material covered in class, discuss the key concepts, and ask any clarification questions. Attendance and participation in tutorials is required and contributes to the participation grade in the course.

Course Policies

Student Responsibilities in the Learning Process: Students are expected to complete any assigned readings prior to completing that topic’s assessment. Students are also expected to complete all assessments on time. This means accessing the materials with sufficient time to complete assessments prior to deadlines. In the event that a student has questions concerning the material, they should formulate specific questions to ask the professor via office hours or email with sufficient time for a response prior to assessment deadlines (i.e. emailed questions should be sent at least 24 hours prior to a deadline, excluding weekends).

Classroom Conduct: Students are expected to participate in class in a thoughtful and respectful manner while in the pursuit of knowledge accumulation. Generally, this means engaging with one another’s ideas and treating others as you would like to be treated as well as not treating others how you would not like to be treated. Please see university policies on freedom of speech [https://governingcouncil.utoronto.ca/secretariat/policies/freedom-speech-statement-may-28-1992](https://governingcouncil.utoronto.ca/secretariat/policies/freedom-speech-statement-may-28-1992) and discrimination and harassment [https://governingcouncil.utoronto.ca/secretariat/policies/harassment-statement-prohibited-discrimination-and-discriminatory-harassment](https://governingcouncil.utoronto.ca/secretariat/policies/harassment-statement-prohibited-discrimination-and-discriminatory-harassment).

Accommodations: Please discuss any special needs with the instructor start of the semester, for example, to request reasonable accommodations if an academic requirement conflicts with your religious practices and/or observances. Those seeking accommodations based on disabilities should complete the appropriate documentation with Student Life Programs and Services [https://studentlife.utoronto.ca/department/accessibility-services/](https://studentlife.utoronto.ca/department/accessibility-services/).


A special note on plagiarism: plagiarism is the act of representing directly or indirectly another person’s work as your own. It can involve presenting someone’s speech, wholly or
partially, as your; quoting without acknowledging the true source of the quoted material; copying and handing in another person’s work with your name on it; and similar infractions. Even indirect quotations, paraphrasing, etc., can be considered plagiarism unless sources are properly cited.

Copyright: Course materials, including recorded lectures and slides, are the instructor’s intellectual property covered by the Copyright Act, RSC 1985, c C-42. Course materials posted on Quercus or the class website may not be posted to other websites or media without the express permission of the instructor. Unauthorized reproduction, copying, or use of online recordings will constitute copyright infringement.

I reserve the right to modify the syllabus to reflect the pace of the course.

**Course Outline**

**Week 1: Introduction and Theory Construction**

Reading: K&W Ch 1 and 2.

Optional reading:


**Week 2: Theory Construction and Causality**

Reading: K&W Ch 2 and 3.

Homework 1: Yard Sign handout (available on Quercus) due Friday, May 14 at midnight.

Optional reading:


**Week 3: Understanding Causality Cont’d**

Reading: K&W Ch 3.

Optional reading:

**Week 4: Assessment 1 and Research Design**

Assessment 1 due Friday, May 28 at midnight.

Reading: K&W Ch 4.

Optional reading:


**Week 5: Measurement**

Homework 2: Political Participation handout (available on Quercus) due Friday, June 4 at midnight.

Reading: K&W Ch 5;

Optional reading:

Week 6: Assessment 2 and Descriptive Statistics

Final Assessment due Thursday, June 17 at midnight.

Reading: K&W Ch 6;

Homework 3 due Friday, June 11 at midnight.

Optional reading:

