

Subject	Specialized Advanced Lecture (Social Science Analysis & Methods II) (E)	Semester, Date and Period of the class	Spring Semester Monday, 2nd Period
Subject selection	Specialized Courses	Years	2
Instructor	LINLEY Matthew & LEE Wan Ling		
<p>Purpose and aim of the class:</p> <p>This course is an introduction the most commonly used research methods in the social sciences. A good understanding of research methods is essential for pursuing any kind of research project. We begin with the importance of developing a good research question and constructing a theory to answer it. We will then proceed to how to design a doable research project and the kinds of data to collect and analyze to help answer your research question. At the end of the course, students should be able to first, identify the various types of research methods used by social scientists and second, be able to generate a research question and choose an appropriate research design to answer that question.</p>			

Class content

1	Introduction: The Importance of Research Methods
2	Science and Social Research: The relationship between theory, data, and analysis
3	How to Build a Theory
4	Evaluating Causal Relations
5	Research Designs: Answering your question
6	Measurement: How to operationalize concepts
7	Understanding your data
8	Sampling
9	Surveys: Designing questions and sampling
10	Field Research and In-Depth Interviews
11	Existing Data Analysis: The use of secondary data
12	Probability and Statistical Inference
13	Bivariate Hypothesis Testing
14	Multiple Regression
15	Course Conclusion
<p>Evaluation: Attendance 10% Quizzes 30% Assignments 60%</p>	
<p>Direction for preliminary study: This course has no prerequisite.</p>	
<p>Textbooks and Reference books: Textbooks : There is no required textbook for this course. Students will receive assigned readings and handouts prior to each class. Reference books : Creswell, J. W. (2019). Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research. New York, New York: Pearson. Dixon, J. C., Singleton, R., & Straits, B. C. (2019). The Process of Social Research (Second). New York, New</p>	

York: Oxford University Press.

Kellstedt, P., & Whitten, G. (2018). *The Fundamentals of Political Science Research* (Third). Cambridge, New York: Cambridge University Press.

Neuman, L. W., & Robson, K. (2018). *Basics of Social Research: Qualitative and Quantitative Approaches* (Fourth). Don Mills, Ontario: Pearson Canada.

Notice to students:

This course will be taught by two instructors, one from Political Science and the other from Economics. This course intends to provide students with a practical introduction to both qualitative and quantitative research. It is not, however, a course in Statistics. We invite students in the Social Sciences and Humanities interesting in learning how to conduct systematic research to join.

You cannot do your own research in the social sciences until you grasp the fundamentals of research methods.