

Research Methods in Social Psychology

Room: TBA

Time: TBA

Instructor: Dr. Ken Fujiwara

Email address: TBA

Office: TBA

Telephone: TBA

Office hours: By appointment

Course objectives:

At the end of this course, students will be able to:

1. Design and conduct data collection in the context of social psychological research.
2. Perform statistical analysis on the data with specialized software (*R*, *SPSS*, *JASP*, or *Excel*).
3. Report the results according to the APA's guideline.
4. Provide an oral presentation of the obtained data.

Required text:

Heath, W. (2018). *Psychology research methods: Connecting research to students' live*. Cambridge University Press.

Principal Investigator:

Students should act as a principal investigator (P.I.) of data collection at least once during the semester. As a P.I., the student will be responsible for designing and conducting data collection, which can be based on a previous study or can be an original idea. Other students should participate and/or support the data collection.

Data Analysis and Writing a Report:

Data analysis will be performed with *R*. The P.I. analyses his/her own data, then instructs how to analyze the data to other students, such that all the students analyze all the data they each collected. To write a report according to the APA 7th style, students may use *LaTeX* with the *apa7* package (e.g., *Overleaf*). However, the software used for data analysis and writing can be determined according to the skills of the students (i.e., students can use *SPSS*, *JASP*, *Excel* and *Word* if needed).

Oral Presentation:

The P.I. will make an oral presentation of his/her research, which will include introduction, methods, results, and discussion, followed by Q & A time.

Mid-term:

Students will take a quiz in order to assess the level of understanding about research methods.

Grades:

Class Attendance and Participation 20%; Presentation 30%; Report 30%;
Mid-term 20%

Tentative Course Outline

Week	Topic	
1	Introduction	
2	Developing Research Ideas and Hypothesis Defining and Measuring Variables	Chap. 2, 4
3	Descriptive Research Methods Correlational Research	Chap. 5, 6
4	Survey Research Online Research	Chap. 7, 13
5	Experimentation with One Independent Variable Factorial Designs	Chap. 8, 9
6	Quasi-Experimental Designs External Validity	Chap. 10, 12
7	<u>Mid-term</u>	
8	Writing About and Presenting Your Research	
9	Data Collection	
10	Data Analysis	
11	<u>Oral Presentations</u>	
12	Data Collection 2 nd <u>The 1st Report Due Date</u>	
13	Data Analysis	
14	<u>Oral Presentations</u>	
15	Data Collection 3 rd <u>The 2nd Report Due Date</u>	
16	Data Analysis	
17	<u>Oral Presentations</u>	
18	Ethics <u>The 3rd Report Due Date</u>	Chap. 3