



# Short Syllabus

## Course Title

Research Methods

## Lecturer

Dr. Alana Siegel

## Contact details

DrAlanaSiegel@gmail.com and office hours by appointment

## Semester

Fall 2021

## Short Description

This course is an introduction to understanding scientific and research methods in the field of psychology. The first objective of this class is to sharpen students' abilities to find, read, evaluate and understand existing research literature; the second aim is to provide students with an overview regarding how to conduct their own research.

The course will begin with an overview and history of the scientific method; followed by the importance of ethics in research and writing; quantitative and qualitative research; reliability and validity; and the differences between correlational, experimental, and quasi-experimental designs. Students will learn about various research study designs, as well as how to write a basic proposal, conduct a literature review, formulate hypotheses, and how to complete IRB submissions. The course will also review how to critically read an article, the basics of writing, summarizing a results section, and reading graphs.

Students will be asked to complete a literature search, summarize research articles in a literature review, and to submit a final outline for a research project.

## Final grade components

**Class participation and attendance:** It is expected that all students will complete assigned readings and be active participants in class discussions. All class readings can be found on the course Moodle.

**Bibliography (30% of final course grade):** Students will have to choose one question, perform a literature search, and then submit a bibliography of 20 citations.

**Literature Review (30% of final course grade):** Please summarize the literature in your bibliography in 2 pages.

**Final Research Project Outline (40% of final course grade):** Please submit a hypothetical project (may be on humans or animals) with 2 research hypotheses, an abstract, a literature review, an outline of the research design, and a bibliography. 8 pages, bibliography not included.



TEL AVIV אוניברסיטת  
UNIVERSITY תל אביב

# Short Syllabus



## Attendance

Attendance is mandatory. Students are permitted a maximum of three absences without penalty. Any additional absences will affect the final grade and may result in failure of the course.

## Academic Conduct

Plagiarism is taken extremely seriously. Any instance of academic misconduct which includes submitting someone else's work as your own; failure to accurately cite sources; taking words from another source without using quotation marks; submission of work for which you have previously received credit; working in a group for individual assignments; using unauthorized materials in an exam and sharing your work with other students, will result in failure of the assignment and will likely lead to further disciplinary measures.

## Additional requirements

Please turn off all electronic apparatuses while in class.