



Syllabus

METHODS IN PSYCHOLOGICAL RESEARCH (B.A.) - 51307

Last update 17-07-2016

HU Credits: 3

Responsible Department: psychology

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Ram Frost

Coordinator Email: frost@mscc.huji.ac.il

Coordinator Office Hours: Upon advanced coordination

Teaching Staff:

Prof Ram Frost
Ms. Moran Israel
Ms. Moran Sela
Mr. Yochanan Bigman

Ms. Yasmin Abofoul

Course/Module description:

The course will focus on different statistical methods, with reference to prevailing research paradigms in Psychology.

Course/Module aims:

To master basic methods for data analyses in Psychological research.

Learning outcomes - On successful completion of this module, students should be able to:

Carry out commonly used statistical analyses.
Understanding the method of analysis of variance.
Embrace quantitative approaches to assess experimental data.

Attendance requirements(%):

none

Teaching arrangement and method of instruction: Lectures and exercises

Course/Module Content:

T-tests; paired sample t-test.
F distribution, one-way analysis of variance.
Planned contrasts.
Post-hoc contrasts.
Two way analysis of variance.
Effect size for analysis of variance.
Non - parametric tests.
Regression and correlation.
Repeated measures design.

Required Reading:

none

Additional Reading Material:

Hays, W. L. (1981). *Statistics*. NY: Holt, Rinehart and Winston.

Course/Module evaluation:

End of year written/oral examination 80 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 20 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

Posts will be uploaded on the course website. Stay tuned.