



## 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](mailto: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

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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

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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.*