



The Hebrew University of Jerusalem

Syllabus

ATTENTION - 51304

Last update 25-09-2016

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: psychology

Academic year: 0

Semester: 1st Semester

Teaching Languages: English

Campus: Mt. Scopus

Course/Module Coordinator: Dr. Ayelet N. Landau

Coordinator Email: ayelet.landau@huji.ac.il

Coordinator Office Hours: TBD

Teaching Staff:

Dr. Ayelet Landau

Course/Module description:

Attention, the ability to select relevant sensory input while filtering out distractors, has been a research subject for over a century. It is a cognitive ability so often used outside the discipline of cognitive science. Sentences such as “are you paying attention?”, “you are distracting me”, and “concentrate!” all assume a certain knowledge of what attention is. In this seminar we will survey seminal work on attention from cognitive psychology, neurobiology and neuropsychology. In addition to discussing defining models and findings in the field, we will also discuss current research on attention and the ways in which attention fluctuates or fails. Finally, students will have the opportunity to participate in classical attention experiments, in addition to surveying them in the classroom.

one of the following classes is a pre-requirement for participating in this seminar: cognitive processes, neuropsychology, perception or cognitive neuroscience.

Course/Module aims:

Surveying the field of attention research as well as developing tools to critique and understand experimental work in cognitive psychology and cognitive neuroscience.

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

Students completing the class will have comprehensive knowledge about attention, its functions in health and disease as well as the ability to critically discuss findings in cognitive psychology and cognitive science.

Attendance requirements(%):

80

Teaching arrangement and method of instruction: Lecture, hands-on demonstrations and assignments.

Course/Module Content:

detailed syllabus with week by week topics and assignments will be provided in the first class.

Required Reading:

will be provided with detailed syllabus

Additional Reading Material:

will be provided with detailed syllabus

Course/Module evaluation:

End of year written/oral examination 60 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 40 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

Course information will be updated before the beginning of the term