The Hebrew University of Jerusalem

Syllabus

COGNITIVE PROCESSES - 51539

Last update 05-09-2016

<u>HU Credits:</u> 3

<u>Degree/Cycle:</u> 1st degree (Bachelor)

<u>Responsible Department:</u> psychology

<u>Academic year:</u> 0

<u>Semester:</u> 1st Semester

<u>Teaching Languages:</u> Hebrew

<u>Campus:</u> Mt. Scopus

<u>Course/Module Coordinator:</u> Moran Sela

<u>Coordinator Email:</u> morans28@gmail.com

<u>Coordinator Office Hours:</u> by email

<u>Teaching Staff:</u>

Prof Anat Maril

Course/Module description:
How do we process information? What underlies the way we experience the world around us? What are the processes by which we allocate attention, remember, imagine, understand language, or decide to take the course "Cognitive Processes"? While these intriguing questions are still far from being understood, attempting to resolve the great mystery of human cognition yields fascinating research. This course describes theories, research methods and empirical evidence regarding mental processes and structures underlying cognitive functions such as attention, categorization, memory, language, decision making, and rationality. Recommended for first year students, there are no prerequisite courses for this course.
Course structure and grading:
The course is based on weekly lectures (3 academic hours) and mandatory reading of the course's handbook. In addition, every unit (e.g., language, memory, attention) will be accompanied by a short assignment (few multiple answers questions). The submission of these assignments is mandatory and it is a part of the course's grade, but the assignments themselves will not be graded.
The grade is determined by a final exam and assignment submission.

Course/Module aims:
Introduction to theories, research methods and empirical evidence regarding mental processes and structures underlying cognitive functions such as attention, categorization, memory, language, decision making, and rationality.

Learning outcomes - On successful completion of this module, students should be able to:
On successful completion of this course, student will have introductory-level knowledge about the main theories, models, and empirical work in the various domains of cognitive psychology.

Attendance requirements(%):

Teaching arrangement and method of instruction: Lectures.

Course/Module Content:
Research methods in cognitive science;
Perception;

Basic learning
Memory
Language;
Categorization;
Attention;
Decision making

<u>*Required Reading:*</u>
Course's hand book:
Cognitive Psychology. (4th ed.)
Medin, D.L., Ross, B.H. and Markman, A.B. (2005).
Orlando: Harcourt College.

Number of item in the library: BF 201 M4

**students are not required to purchase the book, there is a sufficient number of copies in the library. Students who have the third edition may use it.

<u>*Additional Reading Material:*</u>

<u>*Course/Module evaluation:*</u>
End of year written/oral examination 95 %
Presentation 0 %
Participation in Tutorials 0 %
Project work 0 %
Assignments 5 %
Reports 0 %
Research project 0 %
Quizzes 0 %
Other 0 %

<u>*Additional information:*</u>