The Hebrew University of Jerusalem

Syllabus

Cognitive Processes - 51539

Last update 26-03-2024

<u>HU Credits:</u> 2.5

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

<u>Responsible Department:</u> Psychology

<u>Academic year:</u> 0

<u>Semester:</u> 2nd Semester

<u>Teaching Languages:</u> Hebrew

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

<u>Course/Module Coordinator:</u> Prof. Anat Perry

 <u>Coordinator Email:</u> [noeigur@gmail.com , shir.mizrahi1@mail.huji.ac.il](mailto:noeigur@gmail.com)

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

<u>Teaching Staff:</u>

Prof Anat Perry,
Mr. yoad ben-adiva,
Ms. lili Zimmer,
Ms. hodaya malka

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 (2 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.

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: Recorded lectures + live Q&A in class. Practice with teaching assistants.

Course/Module Content:
  Research methods in cognitive science;
Perception;
Basic learning
Memory
Language;
Categorization;
Attention;
Decision making

Required Reading:
 Course's hand book:
Cognition, Matlin & Farmer, 9th edition

 Additional Reading Material:

 Grading Scheme:
  Written / Oral / Practical Exam 70 %
  Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 30 %

Additional information:
  there may be additional changes throughout the semester