



The Hebrew University of Jerusalem

Syllabus

Human Language from a Computational - 67127

Last update 28-03-2024

HU Credits: 2

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Computer Sciences

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Ari Rappoport

Coordinator Email: arir@cs.huji.ac.il

Coordinator Office Hours: Thursday 15:00

Teaching Staff:

Prof. Ari Rappoport,
Mr. Effi Levi

Course/Module description:

The course presents two computational models, the human brain and digital computers, and shows how human language is implemented by each.

Course/Module aims:

Acquaintance with computational models in general and those for human language in particular.

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

Describe general computational models and those specific to language.

Attendance requirements(%):

80%.

Teaching arrangement and method of instruction: Frontal teaching.

Course/Module Content:

The human brain; the digital computer; human languages: semantics, syntax, brain implementation, computer implementation. Computer applications.

Required Reading:

None.

Additional Reading Material:

Dixon, Semantic Approach to English Grammar.

Grading Scheme:

Other 100 %

Additional information:

NA