The Hebrew University of Jerusalem

Syllabus

HUMAN LANGUAGE FROM A COMPUTATIONAL - 67127

Last update 03-08-2017

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*](mailto:arir@cs.huji.ac.il)

Coordinator Office Hours: *Thursday 16:00*

Teaching Staff:

Prof Ari Rappoport

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:
  Acquiantance 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.

 Course/Module evaluation:
 End of year written/oral examination 90 %
 Presentation 0 %
 Participation in Tutorials 0 %
 Project work 0 %
 Assignments 10 %
 Reports 0 %

Research project 0 %
Quizzes 0 %
Other 0 %

Additional information:
  NA