Syllabus

CRYPTOGRAPHY - 67531

Last update 19-09-2016

HU Credits: 3

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: computer sciences

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: E. Safra

Course/Module Coordinator: Dr. Gil Segev

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

Coordinator Office Hours: By appointment

Teaching Staff:
Dr. Gil Segev
**Course/Module description:**
This course introduces the basic paradigms and principles of cryptography, with an emphasize on the scientific nature of modern cryptography. Students will be exposed to a variety of cryptographic tools and systems (such as encryption schemes and digital signatures), learn how to reason about their security, and how to apply this knowledge to various real-world applications.

**Course/Module aims:**
See course description.

**Learning outcomes - On successful completion of this module, students should be able to:**
See course description.

**Attendance requirements (%):**
There are no attendance requirements.

**Teaching arrangement and method of instruction:** Lectures and home assignments.

**Course/Module Content:**
See course description.

**Required Reading:**
There is no required reading.

**Additional Reading Material:**
Additional reading material will be provided as the course progresses.

**Course/Module evaluation:**
End of year written/oral examination 75 %
Presentation 0 %
Participation in Tutorials 0 %
Project work 0 %
Assignments 25 %
Reports 0 %
Research project 0 %
Quizzes 0 %
Other 0 %

Additional information: