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: