The Hebrew University of Jerusalem

Syllabus

Introduction to Mathematics research - 80302

Last update 25-10-2017

HU Credits: 1

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: mathematics

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: E. Safra

Course/Module Coordinator: Prof. Yakov Varshvsky

Coordinator Email: vyakov@math.huji.ac.il

Coordinator Office Hours: By Appointment

Teaching Staff:

Prof Yakov Varshavsky

Course/Module description:
   This is a special course in which the coordinators choose each year about 13 researchers from the Einstein Insitute of Mathematics. The researchers give one lecture each in which they present their fields of research with emphasis on the work done at the Institute.

Course/Module aims:
   The purpose of the course is to expose the undergraduate students to current research topics in mathematics and particularly to the research done at the Einstein Institute.

Learning outcomes - On successful completion of this module, students should be able to:
   At the end of the course the students will acquire familiarity with current research directions in mathematics, which will help them to make better decisions for their career.

Attendance requirements(%):
   90

Teaching arrangement and method of instruction: Lectures

Course/Module Content:
   Algebra, dynamics,
number theory, topology, geometry, analysis, probability

Required Reading:
 None

Additional Reading Material:
 None

Course/Module evaluation:
 End of year written/oral examination 0 %
 Presentation 0 %

Participation in Tutorials 100 %
Project work 0 %
Assignments 0 %
Reports 0 %
Research project 0 %
Quizzes 0 %
Other 0 %

<u>*Additional information:*</u>
No numerical grades. A PASS grade to the students who participate regularly in the course according to the requirements