



# *The Hebrew University of Jerusalem*

## *Syllabus*

### **RESEARCH SEMINAR IN CONVEXITY AND COMBINATORICS - 80906**

*Last update 17-11-2024*

*HU Credits:* 0

*Degree/Cycle:* 2nd degree (Master)

*Responsible Department:* Mathematics

*Academic year:* 2025

*Semester:* Yearly

*Teaching Languages:* Hebrew

*Campus:* E. Safra

*Course/Module Coordinator:* Yuval Peled

*Coordinator Email:* [לפרטים נא לפנות למזכירות מתמטיקה](#)

*Coordinator Office Hours:* N/A

---

Teaching Staff:

Prof. Eran Nevo,  
Prof. Gil Kalai,  
Dr. Orit Raz,  
Prof. Nati Linial

Course/Module description:

Research seminar - a series of lectures in current research topics.

Course/Module aims:

same as in learning outcomes

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

Introduction to various topics in current research.

Being able to apply various mathematical concepts in the context of Convexity and Combinatorics.

Preparation for independent research in the field.

Acquiring the ability to read advanced mathematical texts in the aforementioned topic.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures

Course/Module Content:

Research seminar - topics vary.

Required Reading:

TBA

Additional Reading Material:

---

*none*

*Grading Scheme:*

*Presentation / Poster Presentation / Lecture/ Seminar / Pro-seminar / Research proposal 100 %*

*Additional information:*

*This course has no grade*