



The Hebrew University of Jerusalem

Syllabus

TOPOLOGICAL GROUPS - 80618

Last update 28-08-2024

HU Credits: 3

Degree/Cycle: 2nd degree (Master)

Responsible Department: Mathematics

Academic year: 2025

Semester: 2nd Semester

Teaching Languages: English and Hebrew

Campus: E. Safra

Course/Module Coordinator: Benjamin Weiss

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

Coordinator Office Hours:

Teaching Staff:

Prof. Benjamin Weiss

Course/Module description:

An introduction to the theory of locally compact groups.

Course/Module aims:

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

understand the basic theory of locally compact groups.

Attendance requirements(%):

Teaching arrangement and method of instruction:

Course/Module Content:

Haar measure, representations and structure theory.

Required Reading:

None.

Additional Reading Material:

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 100 %

Additional information: