



## *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:* 0

*Semester:* 2nd Semester

*Teaching Languages:* English and Hebrew

*Campus:* E. Safra

*Course/Module Coordinator:* Benjamin Weiss

*Coordinator Email:* [weiss@math.huji.ac.il](mailto:weiss@math.huji.ac.il)

*Coordinator Office Hours:*

*Teaching Staff:*

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*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: