



# *The Hebrew University of Jerusalem*

## *Syllabus*

### **TOPOLOGICAL GROUPS - 80618**

*Last update 10-09-2019*

*HU Credits:* 2

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

*Responsible Department:* Mathematics

*Academic year:* 0

*Semester:* 1st Semester

*Teaching Languages:* English and Hebrew

*Campus:* E. Safra

*Course/Module Coordinator:* Shahar Mozes

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

*Coordinator Office Hours:*

*Teaching Staff:*

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Prof Shahar Mozes

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:

Course/Module evaluation:

*End of year written/oral examination 0 %*

*Presentation 0 %*

*Participation in Tutorials 0 %*

*Project work 100 %*

*Assignments 0 %*

*Reports 0 %*

*Research project 0 %*

*Quizzes 0 %*

*Other 0 %*

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*Additional information:*