



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *Education society and teaching mathematics - 34087*

*Last update 24-01-2024*

*HU Credits: 2*

*Degree/Cycle: 1st degree (Bachelor)*

*Responsible Department: Teaching Training - Diploma*

*Academic year: 0*

*Semester: 1st Semester*

*Teaching Languages: Hebrew*

*Campus: Mt. Scopus*

*Course/Module Coordinator: Dr. Noa Cohen-Eliyahu*

*Coordinator Email: [noa.cohen-eliyahu@mail.huji.ac.il](mailto:noa.cohen-eliyahu@mail.huji.ac.il)*

*Coordinator Office Hours:*

*Teaching Staff:*

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Dr. Noa Cohen-Eliya

Course/Module description:

We will examine social issues in teaching mathematics. In this course we will tour different schools and introduce different models for teaching mathematics.

Course/Module aims:

Knowledge of the social and psychological aspects of teaching mathematics in the Israeli society.

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

Analysis of the Complexity of Case Studies in Teaching Mathematics.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Tours Writing reports, Reading articles and discussions Active participation in the course site

Course/Module Content:

Psychological and sociological aspects of teaching mathematics: Gender and Mathematics Teaching, Values in Mathematics Education, SEL and Mathematics Teaching, Motivation and Math Anxiety. Experiences in teaching mathematics.

The role of the teacher beyond teaching mathematics. Examination of relevant case studies

Required Reading:

Required reading Will be determined during the course.

Additional Reading Material:

Grading Scheme:

Active Participation / Team Assignment 10 %

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*Submission assignments during the semester: Exercises / Essays / Audits / Reports  
/ Forum / Simulation / others 80 %  
Attendance / Participation in Field Excursion 10 %*

*Additional information:*

*There may be changes in determining the way of assessment according to  
changes during the course*