



The Hebrew University of Jerusalem

Syllabus

MATHEMATICS - 1252

Last update 02-07-2024

HU Credits: 0

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Pro- preparatory program for students without Bagrut

Academic year: 0

Semester:

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Dr. Dvora Ross

Coordinator Email: Dvora.ross.1@gmail.com

Coordinator Office Hours: By appointment

Teaching Staff:

Course/Module description:

Basic Mathematics

Course/Module aims:

Acquiring basic Mathematical concepts

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

- *Simplify simple algebraic expressions*
- *Solve simple equations*
- *Calculate percentages*
- *understand graphs of functions*
- *Know properties of basic geometric shapes*

Attendance requirements(%):

100%

Teaching arrangement and method of instruction: Frontal teaching and joint exercises

Course/Module Content:

*Order of arithmetical operations Working with fractions
Decimal fractions Algebraic expressions Equations of the first- and second-degree
Understanding percentage Understanding a function graph Knowledge of geometric shapes*

Required Reading:

None

Additional Reading Material:

Grading Scheme:

Written / Oral / Practical Exam 70 %
Mid-terms exams 30 %

Additional information: