



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *ALGEBRAIC GEOMETRY - 80637*

*Last update 05-02-2020*

*HU Credits: 4*

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

*Responsible Department: Mathematics*

*Academic year: 0*

*Semester: 2nd Semester*

*Teaching Languages: English*

*Campus: E. Safra*

*Course/Module Coordinator: Dr. Ari Shnidman*

*Coordinator Email: [ariel.shnidman@mail.huji.ac.il](mailto:ariel.shnidman@mail.huji.ac.il)*

*Coordinator Office Hours:*

*Teaching Staff:*

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Dr. Schneidman Ari

Course/Module description:

Algebraic Geometry

Course/Module aims:

Algebraic Geometry

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

Algebraic Geometry

Attendance requirements(%):

None

Teaching arrangement and method of instruction: Lecture

Course/Module Content:

Affine and projective schemes, local and global properties, sheaves and cohomology, algebraic curves.

Required Reading:

None

Additional Reading Material:

Hartshorne Algebraic Geometry

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 20 %

Project work 0 %

Assignments 80 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

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*Additional information:*