



## *The Hebrew University of Jerusalem*

### *Syllabus*

## *Topics in number theory and algebraic geometry 2 - 80943*

*Last update 30-03-2025*

*HU Credits: 1*

*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: Dr. Borys Kadets*

*Coordinator Email: [borys.kadets@mail.huji.ac.il](mailto:borys.kadets@mail.huji.ac.il)*

*Coordinator Office Hours: by appointment*

---

Teaching Staff:

Dr. Zev Rosengarten

Course/Module description:

The purpose of this lunch seminar is to expose students a wide array of techniques and results in number theory and arithmetic geometry. Our aim is to keep prerequisites low though exactly how much background is assumed will depend on the week. Prior exposure to algebraic or analytic number theory or algebraic curves should be sufficient to follow for most weeks.

Course/Module aims:

No

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

No

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lecture

Course/Module Content:

No

Required Reading:

No

Additional Reading Material:

Grading Scheme:

Attendance / Participation in Field Excursion 100 %

---

Additional information:

No