

The Hebrew University of Jerusalem

Syllabus

Seminar on Advanced Topics in Databases - 67877

Last update 12-09-2024

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Computer Sciences

Academic year: 0

Semester: 1st Semester

Teaching Languages: English and Hebrew

Campus: E. Safra

Course/Module Coordinator: Sara Cohen

Coordinator Email: sara@cs.huji.ac.il

Coordinator Office Hours: Coordinate in advance

Teaching Staff:

Prof. Sara Cohen,
Dr. Amir Gilad,
Dr. Liat Peterfreund

Course/Module description:

In this seminar, students will present papers on the latest advancements in database research, while also engaging in discussions to learn from the insights and perspectives of their peers.

Course/Module aims:

This course places a strong emphasis on developing a deep understanding of advanced topics in database systems, alongside critical engagement with cutting-edge research. Students will enhance their analytical skills by examining complex research articles and refine their communication abilities by presenting their findings in a clear and organized manner.

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

- * Gain a deep understanding of advanced topics in database systems and current research trends.*
- * Read and critically engage with high-quality research articles on a given topic.*
- * Develop the ability to understand and analyze complex research articles.*
- * Present research findings in a clear, organized, and effective manner.*

Attendance requirements(%):

80

Teaching arrangement and method of instruction: Student presentations and in class discussions.

Course/Module Content:

Advanced topics in databases

Required Reading:

NA

Additional Reading Material:

NA

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 20 %
Presentation / Poster Presentation / Lecture/ Seminar / Pro-seminar / Research
proposal 70 %
Active Participation / Team Assignment 10 %

Additional information: