



The Hebrew University of Jerusalem

Syllabus

Urban streams challenges and opportunities - 40981

Last update 06-05-2024

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Geography

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Yael Hammerman Solar

Coordinator Email: hms.yael@gmail.com

Coordinator Office Hours:

Teaching Staff:

Ms. yael Hemeran Soler

Course/Module description:

The course will present and analyze urban streams and present sustainable and nature based solutions for drainage systems combining urban planning and development.

Course/Module aims:

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

analyze and suggest a planning schema for an urban stream

Attendance requirements(%):

Teaching arrangement and method of instruction:

Course/Module Content:

SUDS- Sustainable urban drainage systems
Nature base solution

Required Reading:

Liu D. Water supply: China's sponge cities to soak up rainwater. Nature, 2016, 537: 307

קפלן מ. רוזנר י. הנחל והעיר הילכו שניים יחדיו. המשרד להגנת הסביבה מכון ירושלים לחקר ישראל, רשות הנחלים, 2011

3. תמ"א 34 ב/3 הוראות ותשריט

4. פרק הנחלים בתמ"א 1 הוראות ותשריט

Additional Reading Material:

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 45 %

Active Participation / Team Assignment 5 %

*Submission assignments during the semester: Exercises / Essays / Audits / Reports
/ Forum / Simulation / others 45 %*

Attendance / Participation in Field Excursion 5 %

Additional information: