Syllabus

PRINCIPLES IN URBAN DESIGN - 49873

Last update 31-07-2016

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: urban & regional studies - specialization

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: ד"ר ידן רופא

Coordinator Email: yodanr@gmail.com

Coordinator Office Hours: Wednesday, 20:00 - 21:00 by appointment

Teaching Staff:
Dr. Yodan Rofe
Course/Module description:
The course is an introduction to the principles and traditions of urban design, particularly in the Western tradition. It will describe the functional and normative theories that accompany its development, the principal dilemmas, the values guiding the work of urban designers and the tools they use in their work. In particular we will look at the tools necessary for transitioning cities in the 21st century to a post-carbon future.

Course/Module aims:
The aim of the course is to introduce students to principles and basics of urban design, and to develop their capacity for critical analysis of urban spaces, their physical design, the processes that create them and their function as human place.

Learning outcomes - On successful completion of this module, students should be able to:
Describe and analyze urban places and their development processes.
Distinguish between urban and anti-urban space design, and explain the reasons for their occurrence.
Outline policy for the reinforcement of urbanity in one particular place.

Attendance requirements(%):
80%

Teaching arrangement and method of instruction: Lectures, readings, weblog writing, place analysis, final project (poster)

Course/Module Content:
1. Introduction to the course, description of requirements. What is urban design – the physical design of urban space.
2. The urban syntax: street, block, building
3. The morphogenesis of the city: gradual growth and overall planning; decline and renewal, catastrophe and its aftermath.
4. The historic paradigm of urbanity: the urban grid, the agora and public space, the boulevard and the park.
5. The urban revolution 19th and 20th century as a continuum: infrastructure and reforms
6. Urban crisis: forces of dis-urbanization – wealth generation, centralization and sprawl
7. The failures of urban planning the six destroyers of urbanism (1): Zoning, density
control, the functional hierarchy of streets, parking standards
8. The six destroyers of urbanism (2): the neighborhood unit, public open space standards
9. The elements of a new paradigm (1): Transit oriented development and traffic calming
10. The elements of a new paradigm (2): Renewing major streets as public spaces – movement spaces public places and ecological systems
11. Urban complexity, informal cities, new challenges and tools, place based planning, urban codes – the importance of policy and social action.
12. Summary – what can we learn from 200 years of urbanization and urban design – transitioning cities to a post-carbon future
13. Presentation of student work and discussion

Required Reading:
Towards each class there will be one paper or chapter from a book as mandatory reading. The list will be provided at the beginning of the semester.

Additional Reading Material:
For each class there will be 2-3 papers or chapters as additional reading.

Course/Module evaluation:
End of year written/oral examination 0 %
Presentation 0 %
Participation in Tutorials 0 %
Project work 40 %
Assignments 60 %
Reports 0 %
Research project 0 %
Quizzes 0 %
Other 0 %

Additional information:
None