

URBAN CHANGE AND SUSTAINABILITY

Professor

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Institution

University of Florence

General Information

The aim of the Course is to make PhD Students understand how to identify the links between Urban Change and transformation of a sensitive built environment with sustainability principles.

The main course items are as follows:

- “Urban Change”, and its implication within the “Transforming City”
- Definition of important statements: “Cultural Heritage”; “Urban Heritage”; “Heritage Urban Landscape”, HUL for a robust sustainable planning and design
- Definition of Important research findings: “Heritage Open Space in Transformation”, HOST, “Public Open Space in Transformation”, POSIT; “Waterfront Urban Space”, WUS
- The role and the reading of the “Historic City”, The importance of the “Outstanding Universal Value”, (OUV) in delivering sustainability through sensitive design process
- Innovative and sustainable thinking: from Masterplanning to Building to face evolving Urban Change.
- Added Heritage Value and “Resilient Approach to Urban Design” to respond to different contexts, scales and types of urban transformation
- Examples.

The Course will be held in presence and online. The Course will be held in English.

Materials

Material (slides,) will be available in the institutional repository of the course.

Schedule

Dates

Description

Date 06 March 2024

Principles and Perspectives of Sustainability / Important Statements.

h. 10.00-12.00

Date 13 March 2024

Urban Change Definition / Sensitive Heritage Environment and Sustainable Design Matters / Local Policy Statements / Design guidance for Urban Transformation and Building Sensitiveness / Regenerative City / Integrative City.

h. 10.00-12.00 – 12.00-14.00

Dates**Description**

Date 20. March 2024**h. 10.00. 12.00 -12.00-14.00**

Resilient City / Nature City: Cultural Heritage / Waterfront Landscapes and Climate Change / Heritage Urban Landscape / Urban Greening / Green Infrastructure, (GI).

Total Hours: 9 Credits: 1, 1/2

Other information

Location: School of Engineering, Via di S. Marta, 3

Assessment process of evaluation: To allow students to express their understanding on course items, synthesize their learning and apply that learn to their fields of study, an oral examination will be given based on reflection and discussion on both contents and skills of a paper in a peer-reviewed Journal within the literature topics previously agreed with the teacher.

Examination Committee: Professors: Babalis, Solari.

For any information www.indicee.unifi.it - dott-dicea@unifi.it