



Course unit English denomination	Urban design for the contemporary city. Regeneration, sustainability and social innovation
SS	CEAR-12/A (ex ICAR/20)
Teachers in charge	Michelangelo Savino Luigi Siviero
Teaching Hours	24
Number of ECTS credits allocated	4
Course period	1 st semester
Course delivery method	☒ In presence ☐ Remotely ☐ Blended
Language of instruction	English
Mandatory attendance	☒ Yes (70% minimum of presence) ☐ No
Course unit contents	– Urban design for the contemporary city. An introduction – Urban regeneration: Definition, new goals, emerging approaches, innovative strategies – Urban regeneration: New approaches for public spaces/public places – Urban regeneration: from mobility innovation to urban reorganization: superblocks and 15min-city. – From sustainability to smartness. The long and winding road to future cities – Workshop: Regenerating the city for adaptability and mitigation
Learning goals	The proposed PhD course explores meaning and impact of contemporary urban changes and understand how these processes can be governed through planning, design, and policy-making activities. The programme mainly focuses on the relevant features of contemporary city, its insurgent new topics and then to the innovative strategies to be set up to face the challenges of an uncertain future. Furthermore, the course recalls the urgent transition towards new, more sustainable and inclusive modes of urban



development and pro-active planning practices. The course is aimed to encourage students to consider also on potential innovations in urban studies, urban design, and policy approaches in the pursued multidisciplinary perspective by planning methodology.

At the end, the students will be informed about contemporary city urging questions and policies carried out to face them, then planning tools at various scales and the innovative strategies promoted in urban sustainable development interventions aimed to solve multilevel and multifaceted problems. They will understand the interdisciplinary approach of planning and will be encouraged to apply it in personal considerations about urban context they deal with.

The integration between different fields and disciplines of urban research on the one hand and between theory and practice on the other is the key to give a complete overview of the themes and to help students in evaluating planning aspects in their thesis.

Teaching methods

The 'Urban design for the contemporary city' is thought to be an exploratory course because it forces attention both to theoretical approaches and design practices, also to innovative practices frequently unruly and extemporary. The course is divided into several teaching modules

- 1) "Basic information": the module provides some basic and introductory information on the most recent researches to urban planning with the specific reference to the themes of sustainability, urban regeneration and social innovation.
- 2) "Approaches": these are lessons related to innovative planning practices and urban plans/projects, samples of new strategies to cope the urgent contemporary city problems and develop new strategies for the future urban development according to the multidisciplinary approach planning is used to apply.
- 3) "Workshop": it consists in a peer-to-peer debate about city features and a discussion with the researcher on practical experience, aimed to put in evidence the correlation between theoretical studies and practical application.

Course on transversal, ☒ Yes interdisciplinary, transdisciplinary skills

The workshop activity will be organized to involve students in a more direct and effective participation to develop a special attention to the interdisciplinarity and transdisciplinarity related to complexity of the aspects referred to the theme of territorial and urban planning. Due to this, the course will help students to build up a transdisciplinary approach and the related skills.

☐ No

Available for PhD students from other courses

☒ Yes

☐ No



Prerequisites	None
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Examination methods	An analysis on territorial and urban aspect connected to the theme of the student thesis
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Suggested readings	Lanzani A., <i>Rigenerazione urbana e territoriale al plurale. Itinerari in un campo sfocato</i>, FrancoAngeli, Milano, 2024. Gabellini P., <i>Le mutazioni dell'urbanistica. Principi, tecniche, competenze</i>, Roma, Carocci, 2018. Carmona M. et al., <i>Public Places Urban Spaces: The Dimensions of Urban Design</i>, Routledge, London-New York, 2021. Altrock U., Kurth D. (eds.), <i>Urban regeneration in Europe</i>, Cham, Springer, 2024. Bonomi A., Masiero R., <i>Dalla smart city alla smart land</i>, Marsilio, Venezia, 2014. Campbell T., <i>Oltre le smart cities. Come le città si relazionano, apprendono e si innovano</i>, Franco Angeli, Milano, 2022.
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Additional information	---
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