



COURSE DESCRIPTION URBAN PLANNING DESIGN

SSD: URBANISTICA (ICAR/21)

DEGREE PROGRAMME: ARCHITETTURA (N14)
ACADEMIC YEAR 2022/2023

COURSE DESCRIPTION

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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: 07142 - LABORATORIO DI SINTESI FINALE
MODULE: 09292 - PROGETTAZIONE URBANISTICA
CHANNEL: 04 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: V
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 4

REQUIRED PRELIMINARY COURSES

none

PREREQUISITES

none

LEARNING GOALS

The Final Synthesis Workshop consists of the following courses: Architectural and Urban Design, Urban Planning, Construction Technique, Environmental Control Technique, Executive Design, Economics and Environmental Assessment. The multiplicity of the aspects involved allows students to develop a proposal for the transformation of the existing context, deepening the various levels of complexity of the project

The Final Synthesis Workshop aims to:

- increase the students' design skills through work based on a critical-interpretative approach to places and a methodological-experimental approach to design strategies;

- provide methods and tools to tackle the architectural project by controlling the process of definition and development from the urban to the detailed scale

Based on the experiences gained during the course of study, from a theoretical, practical and technical point of view, the urban planning module aims to guide the student in a process that starts from the interpretative knowledge of the study area to the final project. An analysis of the territorial and urban context is envisaged that defines the "rule of law" of the areas to be designed, or the overlapping of constraints, rules and forecasts deriving from the planning tools in force. The analytical phase includes the study of the urban fabric, the infrastructure and mobility system and the system of environmental and landscape values, as well as the framework of the relevant actors of urban policies.

The organization of these cognitive data allows the construction of an interpretative framework that provides the basis for the strategies of the urban, landscape and territorial project, through an approach capable of reading the transformations at the different scales, and to select adequate techniques to make planning contents operational, in the inter-scalar and intersectoral relationships between architecture, urban planning and landscape. Particular attention is paid to scenarios of transformation in relation to time, events and conditions that allow the transition. The student must be able to critically integrate the contributions of other disciplines within the urban project, and experiment with innovative methods in individual and group work.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student must have an advanced knowledge of: the theories and techniques in the field of urban and territorial planning; methods for critically analyzing urban problems; methods for the social construction of plans and projects.

Applying knowledge and understanding

The student must be able to recognize the main configurations of urbanization processes. He has to know how to integrate field investigation and design activities and how to theoretically and methodologically structure planning and urban planning activities, while interpreting constraints, rules and planning tools.

COURSE CONTENT/SYLLABUS

This year's Workshop will be focused on the urban redevelopment of an area along via Palmiro Togliatti, in Rome, currently used for car demolitions.

Contents

Each of the following topics has one or more lessons associated with it.

1. Introduction to the course and discussion on the stages of the interscalar project.
2. How to carry out an urban inquiry

3. How to report the urban inquiry
4. Green Infrastructure and climate change
5. The right to the city
6. Regeneration of cities and territories
7. Focus on the study area chosen for the workshop: opportunities and criticalities of the area
8. Reconstruction of the rule of law for the studied context.
9. Design Strategies
10. Scenarios, actors and times of transformations

READINGS/BIBLIOGRAPHY

Gary Hack, *Site Planning. International Practice*, The MIT Press, Cambridge MA, 2018.
Additional bibliographical references will be provided during the lessons.

TEACHING METHODS OF THE COURSE (OR MODULE)

Lectures and laboratory activities are foreseen (classroom and field exercises, group and individual work). Practical activities will be aimed at guiding the student in the investigations in the study area and in the drafting of verb-visual texts that return the outcomes of the investigation as well as an interpretation of the studied context and its possible developments. There will be moments of practice after the frontal lessons with the function of formative evaluation. Attendance is mandatory.

Moments of common evaluation with the other teachers of the workshop will be scheduled.

EXAMINATION/EVALUATION CRITERIA

b) Evaluation pattern

The final grade will be weighted on the credits of each course.