



## COURSE DESCRIPTION URBAN AND ARCHITECTURAL COMPOSITION STUDIO 1

**SSD: COMPOSIZIONE ARCHITETTONICA E URBANA (ICAR/14)**

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

### COURSE DESCRIPTION

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### GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: U0729 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA I - TEORIA DELLA PROGETTAZIONE ARCHITETTONICA  
MODULE: 25930 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA 1  
CHANNEL: 02 Cognome A - Z  
YEAR OF THE DEGREE PROGRAMME: I  
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I  
CFU: 8

#### REQUIRED PRELIMINARY COURSES

There are no required preliminary courses.

#### PREREQUISITES

There are no prerequisites.

#### LEARNING GOALS

The aim of the Design Studio course, in relation to the integrated Design Theory module, is to introduce the subject of the conception of a small building and to indicate its connections with the urban dimension, according to a progressive improvement that is coherent with the structure of the CdS. For a conscious definition of an architectural project, the course aims at providing students with basic notions related to: - the main compositional and syntactic procedures (starting from the recognition of the elements and the connections that are established between them) of the typological and morphological aspects at the basis of the architectural object conception also in relation to its possibility of urban construction; - the connection of the compositional and technical

choices with the Design Theory (object of the integrated module) understood as a systematic set of principles, methods and procedures aimed at defining a project in relation to the questions and needs of the community; - the necessary hermeneutic and critical skills for the interpretation of the architectural theme in relation to the typological, construction and language aspects in relation to specific places (abstract as well as natural or urban); - the basic programs, tools and techniques in order to draw up elementary elaborations capable of clearly describing the artifacts both at the architectural scale and at the urban one, assumed as an articulated system of several artifacts, through appropriate two-dimensional and three-dimensional drawings, schemes, diagrams, collages, models, etc.; - the different levels of complexity introduced in the Design Studio course of the first year as a start and a necessary premise of knowledge and specialist skills that then will be acquired and refined in the architectural and urban composition laboratories of the following years.

### **EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)**

#### **Knowledge and understanding**

The student needs to show ability to know and understand theories, principles and methods that rule architectural design and its connection with the urban dimension. He needs to be able to recognize the thematic dimension and its necessary connection with the formal and figural interpretation of the artifact both in terms of the functional, typological, morphological, linguistic aspects in its various scale articulations and in its necessary relations with the city. The student needs to demonstrate critical ability to show the knowledge acquired and the phases of the design work carried out, highlighting the individual contribution and that of the collective work of the laboratory's educational organization. The aim of the course is to provide the student with the conceptual and technical tools of architectural and urban composition to define a project of an elementary building with a level of complexity commensurate with the first year of training and strictly correlated with the acquirements provided by the Design Theory course.

#### **Applying knowledge and understanding**

The student needs to be able to autonomously evaluate methods and principles that led him to the definition of the building in its relations with the urban and to indicate the main methodologies relevant to the compositional syntax for the definition of living spaces in relations to specific places and to propose new and more advanced formal solutions. The necessary tools will be provided to allow students to individually analyze the choices made and to judge and compare the results both with colleagues and with the teacher in seminars and collective presentations. The student needs also to be able to summarize the work done in technical drawings and effective representations that can be understood, for clarity and immediacy, even to a non-expert's audience (also through a final exhibition of the projects).

### **COURSE CONTENT/SYLLABUS**

The Studio is made by two parts.

The first part works on the concept of "reference in architecture" and is divided into two sections: A . Studying Main Architects' work . Students are guided in the critical redesign of the building chosen as references of the project developed in the second part of the Laboratory.

Each topic, introduced by a lesson, is developed by a practical exercise followed by a collective correction.

B. Studying the site . In this phase, students focus on reading and analyzing the project site, deepening its morphological structure, the characteristics of geography and the landscape. During the second part of the Studio students develop the final exercise which represents the synthesis of what they developed in the Laboratory and in the Design Theory module. In developing a small house, students will be asked to reflect on the relationship between their project and the context declining some specific themes such as the relationship with the landscape and the geography of a place. They also work on the narrative dimension of architecture , i.e. how translating into the form the reasons of their choices.

The steps of the second part are:

1. Identification of project themes
2. Design of the project concept
3. Plants development
4. elevations Development
5. Final Drawings

#### READINGS/BIBLIOGRAPHY

Abalos I (2017), *Il buon abitare*, Christian Marinotti

Cornoldi A. (2001) , *Le case degli architetti*, Marsilio

Ungers O.M. (1982), *Architettura come tema*, Electa

The materials necessary for the different work phases will be provided by the teacher and uploaded to the Teams platform

#### TEACHING METHODS OF THE COURSE (OR MODULE)

The work of the Studio is organized through a series of exercises aimed at “breaking down” the design process in order to allow students to better understand its complexity. The work is organized in frontal lessons and practical activities. During the first part of the Studio students will be organized in groups composed of a minimum of two to a maximum of four students. In the second part, each student will work individually. During the practical activities students produce many models aimed at facilitating the understanding of the spatial dimension of architecture. In the final phase of the course, particular attention is dedicated at representing the project. A final, optional workshop is planned, aimed at preparing the final work.

#### EXAMINATION/EVALUATION CRITERIA

##### a) Exam type

- Written
- Oral
- Project discussion
- Other

In case of a written exam, questions refer to

- Multiple choice answers
- Open answers
- Numerical exercises

**b) Evaluation pattern**

The final mark, based on the results and skills showed in the project discussion as well as on the themes and contents of the Design Theory, will be weighted on CFU of each module and, therefore, will be made up of: Design Theory Module 4CFU 40%; Design Studio Module 8CFU 80%.