



COURSE DESCRIPTION ARCHITECTURAL AND URBAN COMPOSITION STUDIO 2

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: 27196 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA 2-ARCHITETTURA DEGLI INTERNI
MODULE: 27181 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA 2
CHANNEL: 04 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 8

REQUIRED PRELIMINARY COURSES

Architectural and Urban Design Studio 1/Theory of Architectural Design

PREREQUISITES

The student will have to demonstrate what they have learned during Architectural and Urban Design Studio 1, also in terms of software and representation skills.

It is essential that the student shows particular curiosity to deepen the practice of architectural design, starting from the interpretative reading of the urban scale to the building and its details. Also important will be the propensity for laboratory work in the studio with colleagues.

LEARNING GOALS

The 2nd year Architectural Design Studio aims to provide students with the cultural and instrumental skills typical of Architectural Composition, to tackle a concrete project for the transformation of a small urban area. The expected result is the acquisition by the student of a critical ability to understand the context of study, for its reinterpretation in spatial terms, with

particular attention to the dimensions of the architectural interior.

At the end of the course, the student must:

- demonstrate that they have acquired awareness of the close relationship that binds the identification of the themes of architectural and urban transformation with the instances of the internal space commensurate with the physical scale of man;
- know and have acquired awareness of the compositional processes in relation to the study of examples and typologies of the Modern movement as well as of contemporaneity;
- demonstrate critical ability in the interpretation of the question and in the development of a project that explains a detailed composition, distribution and construction at different scales;
- know how to use some of the softwares, tools and techniques of representation in order to draw up project documents of different nature (two-dimensional and three-dimensional, diagrams, models, etc.);
- have matured the necessary conditions to project towards the study and the themes that will be addressed in the next Design Studio.

The course is aimed at transmitting the operational skills necessary to make a first synthesis between the different aspects concerning the architectural project, favoring the experimentation of different techniques of representation and description of the work.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

As part of the course, the student will begin to understand the processes that guide the transformation of a small urban area, as well as the ability to control the composition of the interior space. He/she will be the interpreter of his/her own proposal for the area of study and of a personal architectural research, through the construction of knowledge, reading and interpretation at the basis of the design process.

The student will develop critical skills in exposing the acquired knowledge, in all phases of the work, highlighting the relation, typical of the didactic organization of the studio, between the individual contribution and one's contribution to collective work.

Through multiple discussions with teachers and colleagues (including external ones, on the occasion of specific moments of exchange), the student will deepen the ways in which to illustrate and argue the reasons and assumptions, in terms of compositional principles and perceptual interpretations, of the proposed formal choices.

Applying knowledge and understanding

The student will have to return, with the use of various techniques, an autonomous interpretation of the project that takes into account the complexity of the issues addressed in the preliminary phase of the work. He/she must be able to summarize the work done in technical drawings and effective representations, for clarity and completeness, on the occasion of the final exhibition of the studio. He/she must be able to identify the main themes of the project also through the study of similar projects and cases, and the reference to possible processes, phases and actors.

The student will have to demonstrate the ability to develop a specific project that explains the relationships between urban spaces, architectural elements and internal configurations, through a detailed composition, distribution and construction at different scales.

The student will have to act as an active interlocutor, demonstrating that is able to autonomously interpret themes and places under study. He/she will have to demonstrate to be able to carry out studies independently and to interact with teachers and colleagues for the construction and sharing of knowledge and projects.

COURSE CONTENT/SYLLABUS

A Kindergarten will be the design theme of the Studio, through different levels of study:

- 1) the design of spaces to encourage physical activity and movement of children, in continuity with the surrounding landscape, to counteract the relevant problem of childhood obesity;
- 2) the identification of connection strategies with the urban context for a school conceived as an open body and a place of reference;
- 3) the definition of the architectural elements that create a school building, especially the "indoor" and "outdoor" classrooms for design characterization.

The building will be conceived as the place between the child and the city, whose architectural structure will be developed on the basis of the urban, morphological, environmental and accessibility characteristics of the area, in defining the articulation between open and closed spaces and in the application of current legislation.

READINGS/BIBLIOGRAPHY

The didactic material provided to the students will be both of an investigative type in the survey area, so that the design work can immediately begin and be constantly supported by research and documentation, and of a disciplinary and bibliographic type for the definition of the design approach methodologies.

TEACHING METHODS OF THE COURSE (OR MODULE)

The Design Studio includes:

- a) a cycle of theoretical lessons, aimed at applying a strategic approach to the design and development of the school theme;
- b) applicative lessons on representation and graphics software;
- c) field surveys;
- d) design work in classroom;
- e) development of study models;
- f) seminars with external guests (teachers and architects) related to the project theme;
- g) collective readings and bibliographic studies on specific topics;
- h) collective communications on the progress of the design work;
- g) intermediate exercises on didactic contents.

The Studio will be divided into three main parts (with three related exercises/intermediate deliveries):

- 1) interpretation of the area, project concept;
- 2) from the reference to the project: definition and development of the architectural theme;
- 3) study and design in detail of the internal and external spaces.

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