



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:
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

Module of "Laboratorio di Composizione Architettonica e urbana" (8 CFU)

The course, after an introductory part on the topics of investigation and on the program, is articulated into the following steps concerning the place, the references, the composition and the telling of the project:

- knowledge and interpretation of the study area;
- use of architectural references (critical and interpretative re-drawing);
- definition of the first design hypotheses;
- specification and evaluation of the solutions through collective discussions;
- outlining of the final project outcomes (graphic panels, models, book).

Each step is marked by lessons and specific exercises that guide the development of the design project. In configuring a small building, students will be asked to deeply think about the reasons at the basis of the design choices, through an idea of a composition that moves between simple and complex.

READINGS/BIBLIOGRAPHY

The didactic material provided to the students will be both of an investigative type in the survey area, so that the project work can be immediately supported by research and documentation, and of a bibliographic type.

Among the reference texts:

S. Giedion, Spazio, tempo e architettura, Hoepli, Milano 1941.

C. Marti Aris, La centina e l'arco, Christian Marinotti Editore, Milano 2007.

R. Moneo, Inquietudine teorica e strategia progettuale nell'opera di otto architetti contemporanei, Mondadori, Milano 2005.

F. Purini, Comporre l'architettura, Editori Laterza, Roma-Bari 2000.

L. Quaroni, Progettare un edificio. Otto lezioni di architettura, Edizioni Kappa, Roma 1977.

A. Rossi, L'architettura della città, Città Studi, Novara 1966.

Further bibliographic references relating to the faced topics or supplementary teaching materials will be provided by the teacher during each lesson.

TEACHING METHODS OF THE COURSE (OR MODULE)

The course provides a cycle of lectures and seminars, to deepen the place of investigation, the topics of the project and the use of references; a series of progressive exercises aimed at guiding the development of design activities of the laboratory; application activities and field trips. The design work will be developed partly in small groups and partly individually, but with continuous collective discussion for the progress of the project. During the Design Studio, particular attention will be paid to the representation, the development of study models and the telling of the project for the final elaborations. In relation to the Design Theory course, collegial comparisons will be provided during the different phases of the process of the project.

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: 1/3 Design Theory Module 4CFU; 2/3 Design Studio Module 8CFU.