



## 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: 01 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 Composition Laboratory I - Course of Theory of Architectural Design.

#### PREREQUISITES

Nobody

#### LEARNING GOALS

The 2nd year Composition Workshop aims to provide students with the cultural and technical tools specialized in architectural and urban composition to tackle a concrete transformation project also through the supplementary contribution of the Interior Architecture course. The expected result is the acquisition by the student of a critical ability to interpret the transformation demand for its transcription in architectural terms with particular attention to the architectural interior. At the end of the course, the student must:- know cultural and technical materials and tools (also in relation to the contents of the Interior Architecture module) which are the basis of the architectural project;- demonstrate that they have acquired awareness of the close relationship that binds the

identification of themes of architectural and urban transformation and the instances of 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 modern and contemporary projects;- demonstrate critical skills 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 programs, tools and techniques of representation in order to draw up project drawings of different types and at different scales (two-dimensional and three-dimensional drawings, schemes, diagrams, models, etc.);- be aware that the learning introduced, the topics covered and the purposes of laboratory II open to the didactic articulation of laboratory III of the following year of the course.

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

### **Knowledge and understanding**

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The student must return with the use of various techniques an autonomous interpretation of the project application that takes into account the complexity of the issues addressed in the preliminary phase of the work. It must be able to identify the main themes of the project also through the study of references, projects and similar cases, and the reference to possible processes, phases and actors. The student must demonstrate the ability to develop a specific project that explains the relationships between interior space, architectural space and urban space through a detailed composition, distribution and construction at different scales. And at the same time it must demonstrate the ability to identify and explain the methodological aspects that can be extended to other cases. The training course is aimed at transmitting the operational skills necessary to synthesize the different aspects that inform the project and to foster the ability to use different techniques of representation and description of the project.

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

**Ability to apply knowledge and understanding** The student must return with the use of various techniques an autonomous interpretation of the project application that takes into account the complexity of the issues addressed in the preliminary phase of the work. You must be able to identify the main themes of the project also through the study of references, projects and similar cases, and the reference to possible processes, phases and actors. The student must demonstrate the ability to develop a specific project that explains the relationships between interior space, architectural space and urban space through a detailed composition, distribution and construction at different scales. And at the same time you must demonstrate the ability to identify and explain the methodological aspects that can be extended to other cases. The training course is aimed at transmitting the operational skills necessary to synthesize the different aspects that inform the project and to foster the ability to use different techniques of representation and description of the project.

## **COURSE CONTENT/SYLLABUS**

Interior Architecture Module (4 CFU) During the course, the methodological problems underlying the design of the teaching spaces of the Kindergarten will be analyzed, through an approach based on modularity, mobility and the transformability of the elements of architecture and furniture that make up the basic learning unit (the Section). The project of an equipped section represents an educational opportunity to provide the student with some methodological tools for critical analysis to be able to translate the regulatory requirements and, above all, the pedagogical indications into spaces and objects that must be understood as real pedagogical tools. The approach through the use of the principles of variable structure architecture allows the student to be able to modulate and adapt the equipped system of the Section, designed in the Interior module, to the spaces determined by the design exercise developed in the Composition Laboratory module.

Laboratory Module of Architectural and Urban Composition II (8 CFU) The lectures will deal with the main theoretical issues that are the basis of architectural composition, including through the analysis and description of modern and contemporary architectural projects and the study of the works of the "masters". The application phases are aimed at observing the space of the city, also with inspections, and at analyzing the forms of architecture through analytical-design exercises. The theme of the final exercise will be the project for an innovative school for children, with particular attention to internal-external, closed-open, covered-uncovered relationships. Different typological models will be tested in relation to the morphology of the soil, the landscape and the specific urban context. The representation will take place with graphics and models capable of summarizing the control of the building at different scales.

#### READINGS/BIBLIOGRAPHY

- A. Campo Baeza, *Principia architectonica*, C. Marinotti Edizioni, Milano 2018.
- C. Martí Arís, *Le variazioni dell'identità. Il tipo in architettura*, Ed. CLUP, Milano, 1990.
- C. Martí Arís, *La cèntina e l'arco. Pensiero, teoria, progetto in architettura*, C. Marinotti Edizioni, Milano 2007.
- L. Mies van der Rohe, *Gli scritti e le parole*, Einaudi, Giulio Einaudi Editore, Torino, 2010.
- A. Monestiroli, *La metopa e il triglifo*, Laterza, Roma-Bari 2002.
- G. Ponti, *Amate l'architettura*, Rizzoli Edizioni, Milano, 1957-2004.
- F. Purini, *Comporre l'architettura*, Laterza, Roma-Bari 2000.
- A. Rossi, *L'architettura della città*, Il Saggiatore, Milano 2018.

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

The teaching takes place through theoretical lessons with discussion of the topics covered, seminars, inspections, exercises and laboratory activities. In particular, a) lectures will be held for about 20% of the total hours, b) exercises to practically deepen theoretical aspects for 10% of the total hours c) laboratory to deepen the applied knowledge for 60% of the total hours d) seminars to deepen specific topics for 10% of the total hours. The exercises and the laboratory will be carried out in the classroom through the use of suitable tools for the preparation of the documents and models.

#### 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**

During the course there are 4 intermediate tests in which the ability to analyze the place, analysis of an architectural project, admissible variations, autonomous ability to interpret the place and the landscape through an architectural project will be assessed. Each test will have a 10% impact on the final grade.