



## 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: 01 Cognome A - Z  
YEAR OF THE DEGREE PROGRAMME: I  
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I  
CFU: 8

#### REQUIRED PRELIMINARY COURSES

**none**

#### PREREQUISITES

**no prerequisite**

#### LEARNING GOALS

*The objective of the Project laboratory (Design studio project), in agreement with the Theory of the architectural project course with which it is integrated, is to introduce the theme of the design of a small building and to indicate its connections with the urban dimension according to a graduality and progressiveness consistent with the structure of the CdS. The course aims to provide students with the basic notions related to:*

*- the fundamental 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 underlying the conception of the architectural object 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 posed by 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 rudiments of programs, tools and techniques in order to draw up elementary documents capable of clearly describing the artifacts both at the architectural scale and, in a nutshell, at the urban one, assumed as an articulated system of several artifacts, through appropriate two-dimensional and three-dimensional drawings, diagrams, diagrams, collages, models, etc .;*

*- the different levels of complexity introduced in the laboratory of the first year as a starting point and necessary premise of knowledge and specialized skills that will then be acquired and perfected in the architectural and urban composition laboratories of the following years.*

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

### **Knowledge and understanding**

*The student must demonstrate understanding of the theories, principles and methods that govern architectural design and its connection with the urban dimension. He must be able to recognize the thematic dimension and its necessary connection with the formal and figural interpretation of the artefact both in terms of the distributive, typological, morphological and linguistic aspects in its various scalar articulations and in its unavoidable relations with the city. He must demonstrate critical ability to display the knowledge acquired and the phases of the work carried out, highlighting the individual contribution and that of the collective work of the laboratory's teaching organization. The objective of the project laboratory, is to provide the student with the conceptual and technical tools of architectural and urban composition to tackle a project of an elementary building with a level of complexity commensurate with the first year of training and strictly correlated with the acquisitions provided by the Theory of the architectural project.*

### **Applying knowledge and understanding**

*The student must have understood the theories, principles and methods that govern architectural design and its connection with the urban dimension. He must be able to recognize the thematic dimension and its connection with the interpretation and formal interpretation of the artefact with regard to the distributive aspects, recognize, recognize typological, morphological and linguistic in its various necessary scales and in its unavoidable relations with the city. You must demonstrate the critical work capacity by exposing the acquired and the phases of the work by highlighting the individual and that of the collective work of the didactic organization of the laboratory. The aim of the laboratory is to provide the student with the conceptual and technical tools of architectural and urban composition to tackle a project of an elementary building with a level of complexity commensurate with the first year of training and closely correlated with the acquisition module provided by the Theory of the architectural project.*

### Autonomy of judgment

*The student must be able to independently evaluate the methods and principles that led him to the definition of the building in its relations with the main methodologies relevant to the compositional syntax for the definition of spaces for living in specific relations and to promote new and more advanced formal solutions. Necessary tools will be provided to allow students to independently analyze choices and to judge and choose outcomes with their colleagues in the seminar.*

### Communication skills

*The student must be able to argue this with fellow students and teachers, including external ones, on the occasion of specific moments of confrontation (intermediate and final jury) in the various laboratories or in coordination with others, the reason and the assumptions of the formal choices used on the basis of some compositional principles used and on explicit thematic interpretations. The student must also 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-public (also through a final exhibition of the projects).*

### Learning ability

*The student must be able to update or expand their knowledge by independently drawing on monographs, articles, scientific essays, and also publications related to the proposals as well as projects to develop the ability to follow seminars, conferences, masters of the departmental offer but also external. As part of the teaching laboratory the organizes and / or proposes to students comparison with other students or with external subjects whose contribution can broaden the field of investigation and knowledge or, again, also favoring autonomous participation in initiatives of particular interest to topics dealt with in accordance with the project laboratory.*

## **COURSE CONTENT/SYLLABUS**

### **Theory of the architectural project Module (4 CFU)**

- aspects of design theory
- discussion of texts
- critical analysis of the works cells

### **Architectural and Urban Composition Design Studio Module (8 CFU)**

- theoretical features
- methodological aspects and compositional procedures
- conception / construction / composition
- the role of exempla
- redesign of references
- drafting of project hypotheses of the building and its possible urban aggregation
- collective discussions of single and group hypotheses
- drafting of project documents (graphic tables and models)

## **READINGS/BIBLIOGRAPHY**

## Reference Bibliography

R. Capozzi, *Lo spazio universale di Mies*, LetteraVentidue, Siracusa 2020.

R. Capozzi, *L'esattezza di Jacobsen*, LetteraVentidue, Siracusa 2017.

R. Capozzi, *L'architettura dell'Ipostilo*, Aion, Firenze 2016. R. Capozzi, *L'idea di riparo*, Clean, Napoli 2012.

A. Monestiroli, *La metopa e il triglifo. Nove lezioni di Architettura*, Laterza, Roma-Bari 2004.

C. Martí Arís, *Le variazioni dell'identità. Il tipo in architettura*, Ed. CLUP, Milano, 1990.

A. Rossi, *Architettura per i Musei*, in AA VV, *Teoria della Progettazione architettonica*, Dedalo, Bari 1968.

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

Digital graphic support materials will also be provided for collective processing (floor plans, three-dimensional models)

## TEACHING METHODS OF THE COURSE (OR MODULE)

*The teacher will use:*

*a) lectures for about 10% 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 70% of the total hours;*

*d) seminars to deepen specific topics for 10% of the total hours.*

*Lectures and in-depth seminars can also be provided through multimedia support and with the help of online materials.*

*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

The final grade, based on the results and skills demonstrated in the discussion of the design project as well as the themes of Design Theory, will be weighted on the CFU of each course and therefore composed as follows:

Theory of the architectural project Module 4CFU 40%;

Workshop module of Architectural and Urban Composition 8CFU 80%.