COURSE DESCRIPTION
THEORY OF ARCHITECTURAL PLANNING

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: U0728 - TEORIA DELLA PROGETTAZIONE ARCHITETTONICA
CHANNEL:
YEAR OF THE DEGREE PROGRAMME: I
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 4

REQUIRED PRELIMINARY COURSES
There are no required preliminary courses.

PREREQUISITES
There are no prerequisites.

LEARNING GOALS
The aim of the Design Theory course, in relation to the integrated Design Studio 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.
The course aims at providing students with basic notions inherent in:
- the main principles and methods of the Design Theory that will be the subject of lectures;
- the close relationship that links the theory of design with the basic compositional techniques and proceduresfor the composition of the building in its relations with the urban;

- the reading and interpretation of texts concerning the design theory as well as the related analytical and interpretative attitudes of themes and artefacts (typologies and morphologies) or urban systems;
- the necessary critical capacity in the description of the principles that are at the basis of the architectural themes also in relation to the place's features;
- the understanding of the meaning and the link between theory and practice in the architectural project;
- the elaboration of critical synthesis reports of the examined texts.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student needs to show ability to know and understand, within the Design Theory, the main methodologies for defining the ways of composition. He needs to demonstrate critical ability in the interpretation of texts by highlighting the individual effort and that of the collective work of the Design Theory module in relation to the application activities of the Design Studio module. The educational goal of the teaching is to make founded and connected with the theoretical aspects the formal choices made in the composition.

Applying knowledge and understanding

The student needs to be able to show the understanding of the different positions expressed in the Design Theory in relation to a broader Theory of architecture and the essential link between *principia* and *exempla*. Readings and interpretation of texts, essays but also the analytical description of built works will be connected to the topics proposed in the architectural and urban composition laboratory. The student needs also to be able, in synthetic and critical terms, to recognize, select and compare theoretical assumptions and to connect them to their verification/application in specific works.

COURSE CONTENT/SYLLABUS

Module of "Teoria della Progettazione" (4 CFU)

The course is divided into three parts:

In the **first part**, students are guided in learning some "techniques" useful for assuming a condition of initial **disciplinary competence** through some lessons (Architecture / Composition / City / Function-program).

The exercises related to these keywords will be: the **composition of a panel**, the **drawing of an urban map** and finally the **critical identification of an architectural reference** linked to a small functional room of the house: the bathroom.

The **second part** of the course develops the previous concepts (function-program, reference and composition) articulating them in depth with further frontal lessons and it also introduces the **notion of the "place".**

The exercises relating to this term introduce the practice of the **site visit**, which will be carried out in relation to the project area identified for the design project that will subsequently be developed in the Design Studio module.

The third part of the course returns to the topic of the techniques by introducing students to the characteristics of **design thinking** and to the **telling of the project**.

The final exercise of the module, which will lead to the definition of the "final elaboration", subject of evaluation, will in fact be a **small booklet** in which students will be asked to trace (using different materials, writings and graphics, related to the various phases of their work) the path of the design project of the Design Studio.

READINGS/BIBLIOGRAPHY

The teaching material relating to the work that students will have to produce will be provided to them in relation to the different phases of the exercises.

Text to be read will also be recommended: only some are defined at the beginning, others will be identified in relation to the single lessons.

Among the pre-defined one:

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

K. Lynch, L'immagine della città, Marsilio 1984.

R. Palma, C. Ravagnati, a cura di, Atlante di progettazione architettonica, CittàStudi 2014.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.

TEACHING METHODS OF THE COURSE (OR MODULE)

The course will be articulated into lectures, individual exercises, group application activities, moments of individual and collective discussion and field trips.

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.