COURSE DESCRIPTION
SURVEY OF ARCHITECTURE

SSD: DISEGNO (ICAR/17)

DEGREE PROGRAMME: ARCHITETTURA (N14)
ACADEMIC YEAR 2022/2023

COURSE DESCRIPTION

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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
CHANNEL: 03 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: III
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER II
CFU: 8

REQUIRED PRELIMINARY COURSES

Descriptive Geometry

PREREQUISITES

You cannot be admitted to take the Architecture Survey exam if you have not passed the Descriptive Geometry exam.

LEARNING GOALS

- the theoretical principles underlying the survey of architecture;
- the survey of architecture, understood both as a metric, material, constructive and morphological investigation and restitution of its articulation, and as a critical and descriptive evaluation of its visible and invisible form;
- the basic principles of traditional and IT techniques in use for the survey of architecture;
- the critical reading tools of the forms of representation used in the architectural survey.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The expected learning outcomes are:

- be able to be able to critically read architecture;
- be able to adequately formulate a survey project, contemplating the use of the most appropriate methods in relation to the context, the object of study and the purposes of the survey;
- know the tools and methods of relief from the traditional ones to the most recent evolutions linked to the use of new technologies;
- knowing how to appropriately represent the results of a survey, documenting the meanings of architecture in verb / visual / numerical elaborates appropriately themed, contemplating the quantitative and qualitative data.

Applying knowledge and understanding

The student must demonstrate that they can critically read architecture and understand its meanings; you must be able to understand the problems and implications relating to the various relevant methodologies, starting from traditional acquisition methods up to the latest generation ones.

The training course aims to provide students with the knowledge and methodological tools necessary to detect and document an architectural artefact in its complexity.

COURSE CONTENT/SYLLABUS

Relief of architecture as a process of knowledge of what exists

Process to be pursued for the selection of the data to be collected, the detection methods and the documentation of the results achieved

Relationship between quantitative and qualitative data

The multiple forms of the representation of the architectural relief: verb / visual / numerical elaborations

Analog representation and digital representation

Exercises and tests

READINGS/BIBLIOGRAPHY

During the course, teaching and bibliographic material will be provided from time to time reference in relation to the performance and progress of the teaching process. The
material provided will range from the indication of texts, from examples and multimedia supports, from software sector and other cartographic and digital material.

TEACHING METHODS OF THE COURSE (OR MODULE)

The teaching will be provided in the form of a permanent laboratory, which will also include the topics of frontal teaching. With reference to blended teaching, where necessary, laboratory activities will be video recorded and posted on the teacher's web page.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

☐ Written

☑ Oral

☑ Project discussion

☑ Other : Discussion of the three scheduled tests to verify the learning of the topics covered.

In case of a written exam, questions refer to

☐ Multiple choice answers

☐ Open answers

☐ Numerical exercises

b) Evaluation pattern

To pass the exam, students must:

demonstrate that they have understood the topics covered in the course;

demonstrate knowledge of the texts indicated to them;

having performed the tests and exercises assigned to them.

The final result will be the result of the gradual maturation demonstrated by the student during the course, to which the evaluation, during the examination, of the ability to elaborate and synthesize the topics covered must be added.