



COURSE DESCRIPTION MORPHOLOGICAL READING

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: 27180 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA 4-LETTURA MORFOLOGICA
MODULE: 27191 - LETTURA MORFOLOGICA
CHANNEL: 03 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: IV
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 4

REQUIRED PRELIMINARY COURSES

Laboratory of Architectural and Urban Composition 3 / Landscape Architecture

PREREQUISITES

None

LEARNING GOALS

The course consists of a theoretical part on how to read a morphological context, with particular reference to physical and architectural values, and a practical part applied to the re-representation of the architecture of the project area. This double reflection is developed in continuity with the tradition of Italian rationalism which, in the description of physical reality, combines the perceptual data with that of memory.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

At the end of the course, the student must: - know the fundamental principles and the different declinations of Italian morphological reading studies that will be the subject of theoretical lessons of the course; - demonstrate that you have acquired awareness of the close relationship that binds the construction of architecture and the construction of the city in different historical periods and in relation to different architectural types; - have acquired the ability to read and graphically restate a morphological context, with particular reference to the physical values of a territory, an urban layout and architectural typologies; - demonstrate critical ability in the description of physical reality by combining the perceptual data with those of history and memory; - demonstrate that you have understood the meaning of the link between the reading project and the architectural project; - know how to use programs, tools and representation techniques in order to draw up documents of different types and at different scales.

FURTHER EXPECTED LEARNING RESULTS, in relation to: **Autonomy of judgment:** The student must act as an active interlocutor demonstrating that he is able to autonomously interpret themes and places under study. He must demonstrate that he is able to carry out research and experiments independently and also that he can understand and critically judge the accuracy or any gaps. You must be able to interact not only with the teacher but also with fellow students for building and sharing knowledge, reading and projects. **Communication skills:** In the context of moments of confrontation with other teachers and students outside the laboratory or with other subjects outside the University invited to present themes and places of the city, architecture and design, the student must be able to explain the methodological approach to reading morphological and must be able to present works even in a form not yet completed in a clear and concise manner. **Learning ability:** The student must be able to update or expand their knowledge by independently drawing on texts and articles on topics similar to those addressed in the laboratory and carrying out research on territories, cities and architectures of particular interest with respect to the topics proposed during the course.

Knowledge and understanding The student must demonstrate knowledge and understanding of morphological reading theories and techniques. Must demonstrate critical ability in the graphic rendering of readings of territories, cities and architectures as well as in the display of the acquired knowledge and of all the phases of the work carried out, highlighting the individual contribution and that of the collective work of the didactic organization of the module reading integrated in the architectural composition laboratory. The training course of the teaching aims to provide the student with the cultural and technical tools to move from the reading project to the architectural project.

Applying knowledge and understanding

Applying knowledge and understanding The student must be able to return territorial, urban and architectural readings by responding to the theme of an ex tempore and / or to highlighting the relationship between reading a context and project application proposed in the context of the architectural and urban composition laboratory. You must be able to use different scales and different representation techniques and at the same time you must demonstrate the ability to identify and explain the methodological aspects of the operations performed. The training course is aimed at transmitting the operational skills necessary to return morphological readings of architecture and cities and to synthesize the different aspects that inform the project.

COURSE CONTENT/SYLLABUS

From the concept of the Historic Center to the concept of a Stratified City: The case study of Naples. The main training objective that we intend to pursue is the conceptual experimentation of the evolution of the Historic Center in the Stratified City. The survey field is the emblematic example of the city of Naples and its twelve historic districts. The theoretical assumptions of the definition of the Historic Center and the evolution of the Stratified City will be explored in the light of the seven new paradigms of contemporary architecture since in the continuous evolution of the Stratified City, the contemporaneity of the interventions necessarily requires a dialogue between pre-existing architecture and a new life cycle. of the historical-artistic heritage of the Historic Center. Zero soil consumption - bio remediation; Building on the built - leaving nature time to react; Bio-climatic architecture that produces energy rather than consuming it; Architecture and Nature - architecture as a prosthesis of nature; Cooperation between constellations of cities as opposed to competition between metropolises - decentralization versus densification of metropolitan areas and historic centers; Flexibility and reversibility of architecture with the use of recyclable materials - reuse and prudent recovery; New ethics of architecture for social cohesion. The field of architectural design experimentation of the Integrated Laboratory Course involves the emblematic example of the Insula of the former Leonardo Bianchi Psychiatric Hospital in Naples. The theme of the morphological investigation concerns the area inscribed within the perimeter of the walls of the hospital citadel and the design experimentation will be based on the morphological reading of the complex of clinics and wards in its relationship with the urban context, on the historical stratification and building chronology of the pre-existing elements both in the built and in the non-built parts such as the large park and historic gardens. The results that we intend to pursue will demonstrate that the starting theoretical paradigms are compatible with the Morphological Reading of the Stratified City for the description of the historical phases of urban growth and its reasons.

READINGS/BIBLIOGRAPHY

- Rossi A. L., Buondonno E., 2000, *Econeapolis, Album Cartografico dei dodici quartieri storici*. Ed. DiProAA.
- Buondonno E., 2012, *La Città Stratificata di Ercolano*, Editore Doppiavoce, Napoli. ISBN: 978-88-89972-3.
- Buondonno E., 2010, *Napoli e il Centro Storico. Il cuore della terza metropoli italiana al centro del Mediterraneo in Nàpoles: Escenas detràs de la escena. Encuentros sobre Arquitectura, Cine, Filosofía y Teatro*. Sb Editorial, Buenos Aires. ISBN: 978-987- 1256-73-0.

Further bibliographical and documentary indications will be proposed during the Laboratory.

TEACHING METHODS OF THE COURSE (OR MODULE)

The Morphological Reading Course, a module integrated with the Architectural Composition Laboratory 4, is divided into theoretical lessons, practical-applicative exercises and in-depth seminars on different aspects of the analysis and reading of urban morphology and the environmental components that determine it in the within the Stratified City of Naples. The

lectures, seminars and exercises will take place as foreseen by the Academic Calendar until the end of the course scheduled for the month of December; the further laboratory activities, with the revisions of the project documents, will continue in the following months with a conclusion in the first week of March for the carrying out of the exams. The experimental activities include phases of cartographic, iconographic and bibliographic investigations to be carried out in October, critical interpretations to be carried out in November and definitive and verified deductions of the morphological evolution of the urban area of study to be carried out in December. During the course there will be scientific days of a national nature with the Neapolitan Coordination Women in Science, on the occasion of the Scientific Week of Planet Earth, and the programming of the Geo-event, with visits to Neapolitan archaeological sites; the European Night of Scientific Research 2022 and the Future Remote event.

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 evaluation will be weighted on the credits of the Architectural and Urban Composition Laboratory 4 (8 credits) and of the Morphological Reading module (4 credits).