



COURSE DESCRIPTION ARCHITECTURAL AND URBAN COMPOSITION STUDIO 4

SSD: COMPOSIZIONE ARCHITETTONICA E URBANA (ICAR/14)

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

COURSE DESCRIPTION

TEACHER: BUONDONNO EMMA
PHONE: 081-2538569 - 081-2538697
EMAIL: emma.buondonno@unina.it

GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: 27180 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA 4-LETTURA MORFOLOGICA
MODULE: 27186 - LABORATORIO DI COMPOSIZIONE ARCHITETTONICA E URBANA 4
CHANNEL: 03 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: IV
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 8

REQUIRED PRELIMINARY COURSES

Laboratory of Architectural and Urban Composition 3 / Landscape Architecture

PREREQUISITES

None

LEARNING GOALS

The 4th year composition workshop aims to provide students with the cultural and technical tools, specialized in architectural and urban composition, to tackle a concrete project of urban transformation also through the supplementary contribution of the Morphological Reading course. The expected result is the acquisition by the student of a critical ability to interpret the demand for urban transformation, for its transcription in architectural terms.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

At the end of the course, the student must: - know cultural and technical materials and tools (also in relation to the contents of the morphological reading module integrated in the laboratory) which are the basis of the architectural project and its various articulations linked to the themes of contemporary urban transformation; - demonstrate that they have acquired awareness of the close relationship that binds the identification of architectural and urban design themes and issues of the community; - be aware of the need to consider the aspects deriving from social, economic, political, environmental processes, among the elements that guide the design development of architectures, cities and territories; - demonstrate critical skills in the interpretation of the question and in the development of a project that makes explicit the relationships between architectural space and urban space through an in-depth compositional, distributive and constructive articulation at different scales; - know how to use programs, tools and techniques in order to draw up documents of different types and at different scales from the urban one to the detailed one (two-dimensional and three-dimensional drawings, diagrams, diagrams, collages, models, etc.); - be aware that the different levels of complexity introduced in the laboratory constitute an advancement of knowledge and skills acquired in the architectural and urban composition laboratories of previous years and open to the didactic articulation of the final synthesis laboratory. 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. You must demonstrate that you are able to carry out research and experiments independently and also that you 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 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 and / or discuss themes and places of the project, the student must be able to explain the methodological approach and must be able to present papers, even in a form not yet completed, in a clear and concise manner. Learning ability: The student must be able to update or broaden their knowledge by independently drawing on texts and articles on topics similar to those addressed in the laboratory and carrying out research on projects and case studies of particular interest in relation to the project being developed. The student must be able to identify, within the wide range of events organized by DiARC, but also expanding the outward look, seminars, conferences, workshops to take part in to deepen the themes of the project addressed in the laboratory or to experience knowledge and acquired methodologies. During the course of the laboratory, the teacher organizes and / or proposes to students discussions with other teachers and students or with external subjects whose contribution can broaden the field of investigation and knowledge or, again, suggests autonomous participation in initiatives of particular interest. with respect to the topics covered in the laboratory. **Knowledge and understanding** The student must demonstrate*

knowledge and understanding of the processes that guide contemporary architectural and urban transformation. You must be the interpreter of the project application proposed for the area under study to thematize and guide the actions of knowledge, research, reading and interpretation at the basis of the design process. Must demonstrate critical ability to show the knowledge acquired and

all phases of the work carried out, highlighting the individual contribution and that of the collective work of the didactic organization of the laboratory. The training course of the laboratory aims to provide the student with the cultural and technical tools of architectural and urban composition to tackle a concrete transformation project also through integration with the morphological reading module.

Applying 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 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.*

Applying knowledge and understanding

COURSE CONTENT/SYLLABUS

The main training objective that we intend to pursue is the architectural design experimentation applied to the Stratified City of Naples and its twelve historic districts, through the application of the seven new paradigms of contemporary architecture: 1) Zero soil consumption - bio remediation; 2) Building on the built - leaving nature time to react; 3) Bio-climatic architecture that produces energy rather than consuming it; 4) Architecture and Nature - architecture as a prosthesis of nature; 5) Cooperation between constellations of cities as opposed to competition between metropolises - decentralization versus densification of metropolitan areas; 6) Flexibility and reversibility of architecture with the use of recyclable materials - reuse and prudent recovery; 7) New ethics of architecture for social cohesion. The new seven paradigms of contemporary architecture constitute the current evolution of Bruno Zevi's thought on the seven invariants of modern architecture illustrated in the text "The modern language of architecture. Guide to the anticlassical code" published in 1984. The design experimentation will be based on the morphological reading of the design theme chosen in its relationship with the urban context and on the historical stratification and building chronology of the pre-existing elements, both in the built and in the non-built parts. The results that we intend to pursue will demonstrate that the starting theoretical paradigms are compatible with the needs of recovery and reuse for contemporary functions of the places and heritage of the Stratified City.

READINGS/BIBLIOGRAPHY

- Buondonno E., 2020, *Climate Changings: New Paradigms of Contemporary Architecture in New Metropolitan Perspectives, Knowledge Dynamics and Innovation-driven Policies Towards*

Urban and Regional Transition Volume 2. Ed. Springer Nature, Switzerland AG 2021. Online ISBN: 978-3-030-48279-4; Print ISBN: 978-3-030-48278-7.

- Buondonno E., 2019, *Piccoli borghi d'Italia, Valorizzazione della Balzana a Santa Maria La Fossa in Terra di Lavoro*, Editore Doppiavoce, Napoli. ISBN 978-88-89972-84-7.
 - 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 4C Architectural Composition Laboratory Course is divided into theoretical lectures, some carried out in synergy with parallel laboratories, practical-applicative exercises and in-depth seminars on various aspects of architectural and urban composition and design, specifically related to the field of Stratified City of Naples. The lectures, seminars, exercises and progress checks of the project documents will take place mainly in a collective form 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 project activities include phases of cartographic, iconographic and bibliographic investigations to be carried out in October, preliminary planning to be carried out in November and definitive investigations 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).

B O Z Z A

B O Z Z A

B O Z Z A