



### ARCHITECTURE AND ARCHITECTURAL COMPOSITION 3 - MODULE

Enrollment year	2015/2016
Academic year	2018/2019
Regulations	DM270
Academic discipline	ICAR/14 (ARCHITECTURAL AND URBAN COMPOSITION)
Department	DEPARTMENT OF CIVIL ENGINEERING AND ARCHITECTURE
Course	
Curriculum	PERCORSO COMUNE
Year of study	4°
Period	(01/10/2018 - 18/01/2019)
ECTS	9
Lesson hours	78 lesson hours
Language	
Activity type	WRITTEN AND ORAL TEST
Teacher	BERIZZI CARLO (titolare) - 9 ECTS
Prerequisites	Courses of Architectural composition 2, History of architecture 2, Architectural technique 2, Construction theory, approved
Learning outcomes	The course aims to provide students the necessary theoretical knowledge and application tools to deal with a complex urban project and to develop, up to the scale of architectural detail, the project of a residential building.
Course contents	The course is organized in lectures, tutorials and project activities. Study visits in Italy and abroad and guests from the world of research and the profession will be a part of the didactic activities. The course is divided in two parts: the first is referred to the urban project, with particular reference to the transformation of abandoned sites in the urban area, the second part deals to deepen and develop the project of a residential building in all its complexity

### Urban analysis and design

In its first part the programme deals with the urban analysis as an essential tool for the development of urban project. Starting from contemporary theories and the most important international case studies are provided the necessary knowledge that lead to the definition of a project in a large area. The student through the theoretical and laboratory work, will be able to design a master plan on a abandoned existing area verifying, in a real case, the knowledge acquired. The study of the morphological aspects, land use, environmental and ecological conditions, infrastructural system, needs and problems, historical aspects and buildings rules, are the basis of analytical and practical knowledge of a place to find the reasons for the project. At the same time the study of the theories and Italian and international case studies are the cultural context within which lies the experience of the project.

### Housing project

In the second part of the course will be done a project of a residential building from architectural and constructive point of view including different aspect as typological one, technological, structural, heating and hydraulics system. As a final compulsory teaching of architectural composition the course aim to bring together all the aspects that affect a building, considering the project as a tool to systematize all aspects that contribute to the conception and realization of the work.

#### Teaching methods

Lectures (hours/year in lecture theatre): 90

Practical class (hours/year in lecture theatre): 30

Practicals / Workshops (hours/year in lecture theatre): 60

#### Reccomended or required readings

M. Biraghi. Le parole dell'architettura. Einaudi, Torino, 2009.

K. Frampton. Tettonica e architettura. Skira, Milano, 2007.

S. Holl. Parallax, architettura e percezione. Postmedia books, Milano 2004.

R. Moneo. Inquietudine teorica e strategia progettuale nell'opera di otto architetti contemporanei. Electa, Milano 2005.

R. Koolhaas. Delirious New York. Electa, Milano 2004.

TESTI CONSIGLIATI. Testi di cui si consiglia la lettura.

A. Rossi. L'Architettura della Città. CLUP Milano, 1978.

M. Romano. Costruire le città. Skira, Milano, 2004 .

R. Venturi. Complessità e contraddizioni nell'architettura. Dedalo, Bari, 2002.

#### Assessment methods

The exam will focus on the discussion of project proposals, on the contents of lectures and bibliography.





