

MBArch URBANISM

Master's Degree in Advanced Studies in Architecture

du
tp Departament d'Urbanisme
Territori i Paisatge

ETSAB MBArch

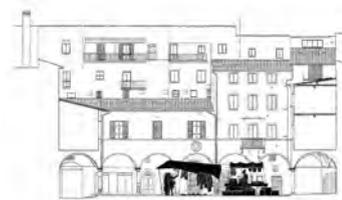
ARCHITECTURE, CITY AND PROJECT

The course *Architecture, City and Project* proposes an introduction to the urban fact from the point of view of history, culture and attention to the concerns that guide the contemporary transformation of cities. The course is organized into four blocks. The first one contextualizes the course exercise and introduces the reading of the city beyond the canonical texts of the urban discipline. The two central ones explain

the evolution of cities from some key urban projects; the Industrial Revolution is taken as a turning point between these two central blocks. The last part of the course reviews some fundamental project strategies for acting in contemporary metropolises.



Evangelia Raikidou



Sein Turna



Cody Ullasz



Isaac Landeros

ARCHITECTURE, THEORY AND CRITICISM

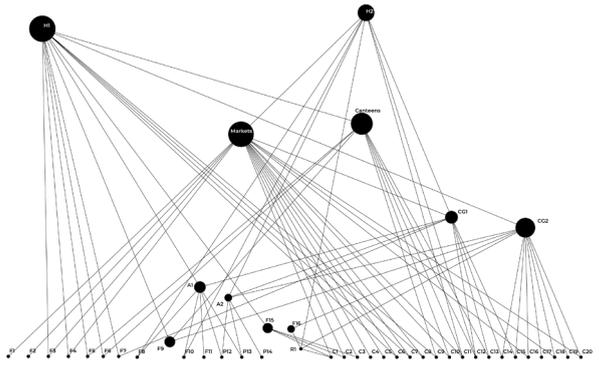
The course in Architecture, Theory and Criticism introduces the students to methods used in urban studies. It aims to present urban phenomena in the context of contemporary thought, revising some key theses that tackle the relation between

cities and social studies. The course combines sessions dedicated to discussing contemporary theories in urban studies with practical training in analytical and graphic methods to construct evidence about urban topics.



Ke Nan

Gonzalo Diaz



Gonzalo Diaz + Marina Sunyer

ARCHITECTURE, ENVIRONMENT AND TECHNOLOGY

The course builds on the multifaceted impact of environmental sustainability and resilience in the design and transformation of cities. The analysis of the urban design dimensions of Sustainable Development Goals (SDGs) focuses on the relationship between urbanization, natural resources consumption and environmental pollution. Combining theory and case studies, the course covers a wide range of topics, including

ecological systems logics and performance, specific expressions of blue and green infrastructure, sustainable mobility (low and zero-carbon emission trips, inter-modality and environmental behaviour) and an in-depth approach to urban metabolism. It also addresses challenges and opportunities regarding the water cycles, energy and goods.

Migjed Naseri



Isaac Landeros, Fernando García Ochoa



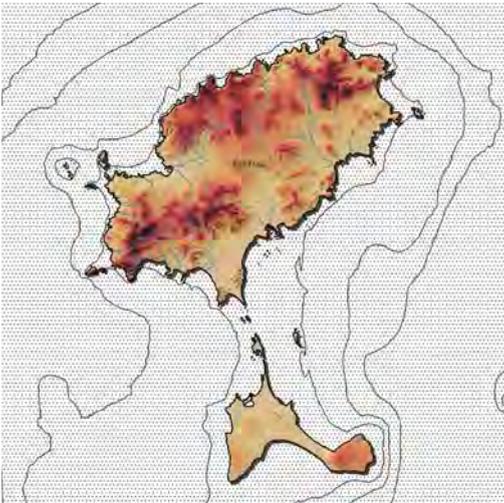
Amal Ben Ammar, Gonzalo Diaz



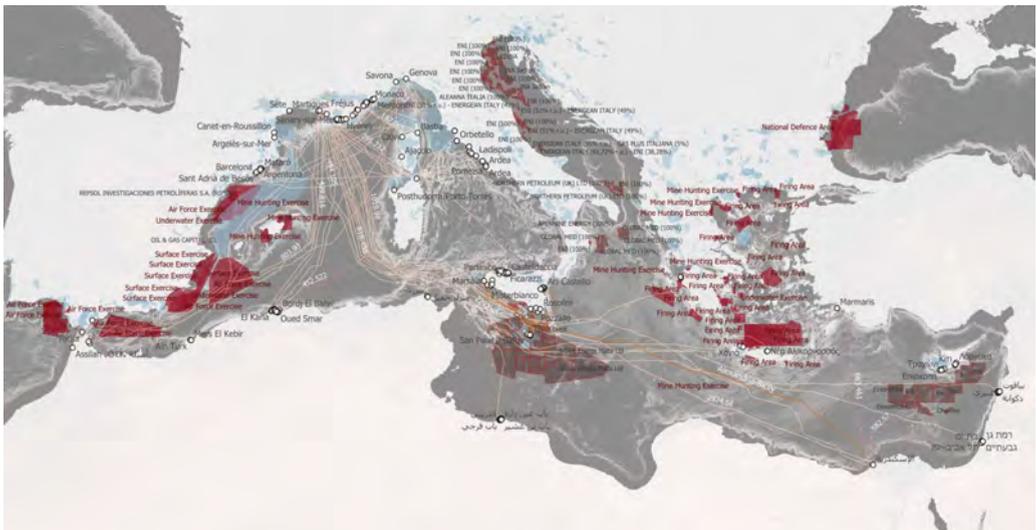
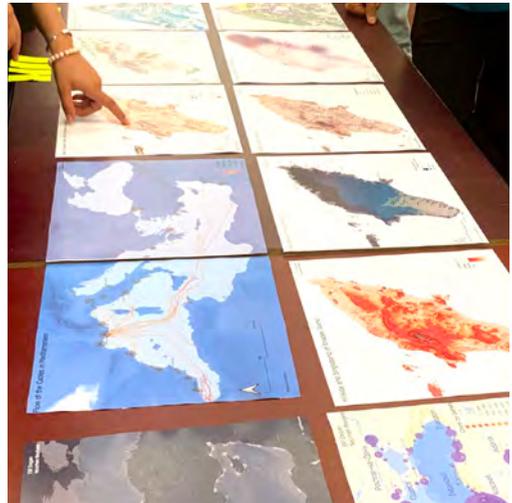
TERRITORY AS ARCHITECTURE

The course introduces essential concepts and tools for mapping cities and territories. In the first part of the workshop, students will focus on hand-drawing techniques by creating detailed maps of Barcelona, learning cartographic principles at the scale of the whole city. This hands-on approach enhances their understanding of spatial relationships and graphic elements in map-making. In the second part, students will map Mediterranean cities

and territories using advanced GIS technology. They will gain proficiency in software like QGIS to analyze spatial data. By combining hand-drawing skills with digital technologies, students will produce precise, informative, and visually compelling maps, preparing them for diverse mapping challenges in urban and territorial design and studies.



Cody Ullasz

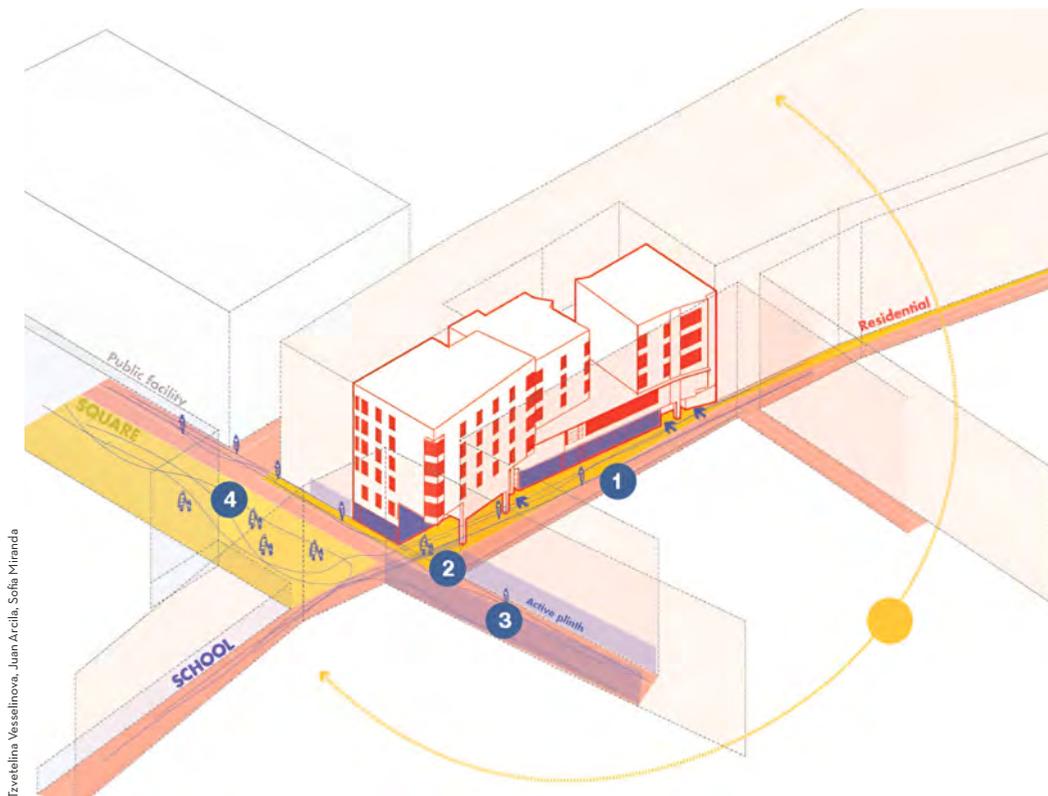
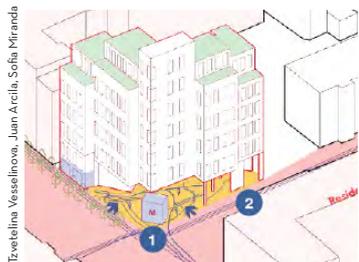


Mijad Naseri

CONTEMPORARY RESIDENTIAL URBAN PROJECT

The course analyzes the paradigms in the production of housing and collective spaces during the 20th and 21st Centuries in their respective historical, political, geographical and cultural contexts. It aims at answering questions such as: What is the identity of the contemporary urban project? What type of residential design

has been implemented and which type can or should be implemented in specific territories? What is the role of the (future) inhabitants in the design and management? Which kind of residential projects can reverse the current housing needs? What characteristics should the new design provide?



CULTURAL LANDSCAPES, HERITAGE AND TERRITORIAL PROJECT

This course focuses on the research and project of the processes and forms of urbanization on contemporary territory. For this, we will study the landscape, the heritage, and the shape of the territory as planning criteria based on local resources and the identity of the place. The module explores the concepts of landscape, «cultural landscape», heritage, and the operationalization

of the territory in the current context through the study of theoretical references and case studies. Drawings and cartographies are used as the main tool for the development of interpretive hypotheses. This opens up a broad field of reflection on the diversity of territorial patterns and intervention strategies and projects on contemporary territory.

Evangelia Raikidou, Kostantinos Karvouniaris



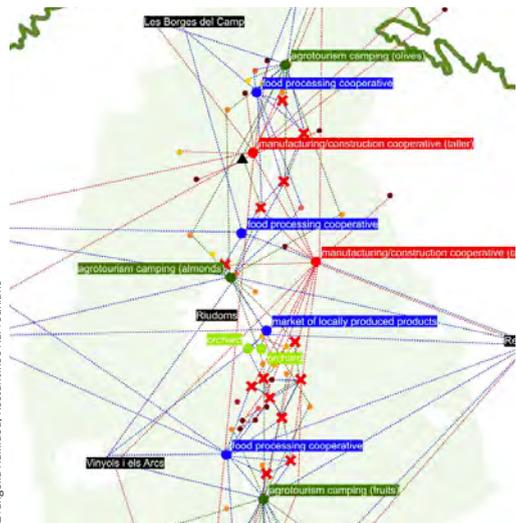
Uva Parmar, Akhil Sathyan



Cody Ullasz, Marina Schuttel



Evangelia Raikidou, Kostantinos Karvouniaris



DESIGNING THE CITY: EMERGING CITIES AND TERRITORIES

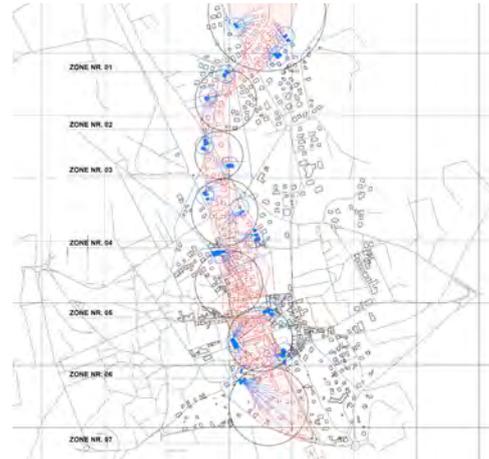
The course tackles the diversity and complexity of territories from a systemic perspective, learning from their patterns of change, and giving clues to more sustainable development that includes a spatial and holistic perspective as part of the transformation process. The course will introduce new international paradigms within urban studies to learn how to read emerging developments and, finally, how to intervene. The subject is divided into sessions dedicated to topics that affect our highly

urbanized lands such as global metropolises, self-constructed cities, spaces of emergency, divided cities, new urban utopias and spatial dystopias. The approach used is to analyse the structure and morphometrics of emerging territories to find vulnerabilities that lead to patterns of intervention to improve urbanity without losing social and spatial networks. Time and needs are considered the basis to tackle the fragility of territories from a sociospatial and complex perspective.

Neilshan Gulshan, Fernando García, Luisa Ríos



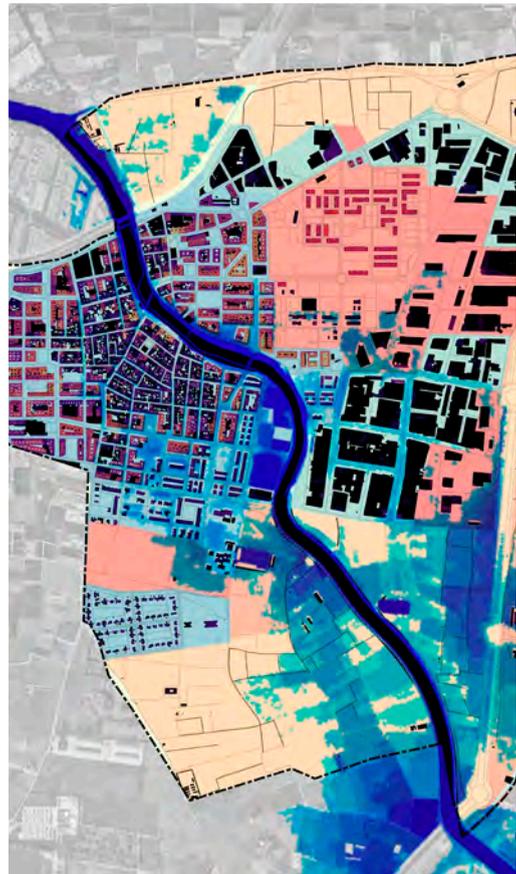
Migjed Nasiri



Julia Duda, Manasvi Garodia, Karina Rodríguez



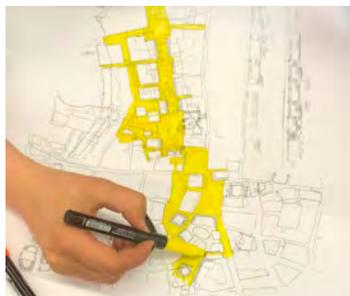
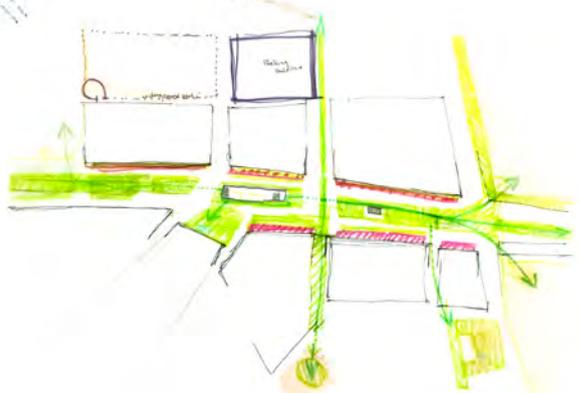
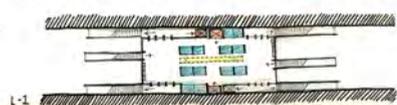
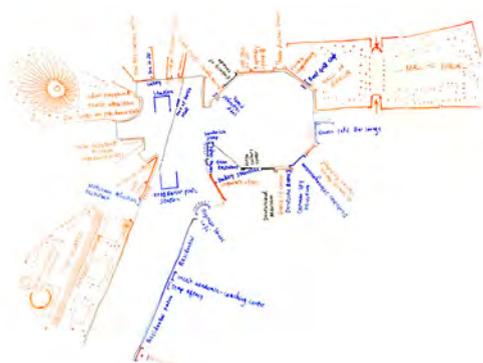
Urva Parmar, Akhil Sathyan



CRUCIAL ASPECTS OF URBAN PROJECTS

The course explores the origins, concepts and dominant paradigms of contemporary urban projects, in light of the unique tradition of urban design explored in Barcelona since the 1980s. The module introduces critical discussions on the design strategies that are shaping the new fragments of the city: from urban composition to the role of data-based decisions, from spatial ideas to social collaborative thinking, from abstract conceptualizations to

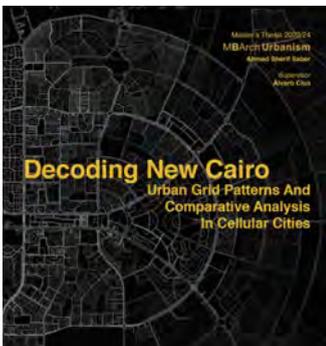
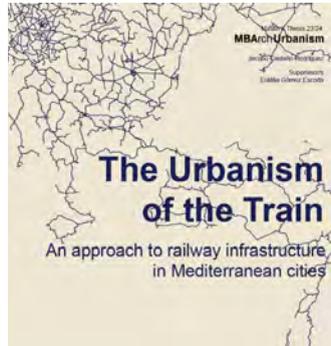
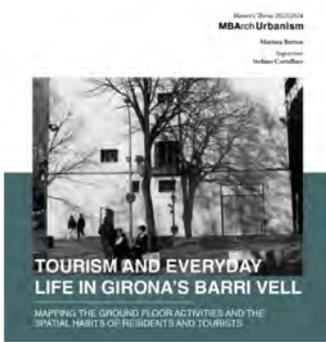
materiality, from metropolitan scope to the bottom-up approach, from urban form to activities and flows. The course is organized in a series of theoretical lessons, and design-oriented assignments focused on complex urban projects. The aim of the course is to provide a theoretical background on urban design, to build a comprehensive atlas of relevant references and to test key design and analytical tools to approach projects in urban contexts.



MASTER'S DEGREE THESIS

The MBArch Urbanism master's program culminates with the development and defense of a research work exploring themes related to contemporary urban challenges, why and how certain urban phenomena or issues are impacting our cities. The themes should be directly or indirectly related to challenges in cities and territories similar to the ones at the Mediterranean basin. The project

is supervised by one or two professors and involves an exploration of urban or territorial issues using graphic resources, field works, interviews, documentary materials, data, and scientific literature sources. The project can address either a theoretical theme, a case-study based research or a more design-oriented approach, aimed at providing guidelines for future interventions.



The official master MArch in Urbanism [English track] continues the experience of the official Urbanism Master of Research in Barcelona, with a long tradition and international recognition.

The master combines research with design, specialization with interdisciplinary approaches and theory with practice, offering new interpretations and areas of original reflection. This track is entirely taught in English, and aims to train professionals to face the challenges of contemporary urbanism and to attend to the development of new urban analysis and project tools. The track also offers the necessary training complements for the PhD Program in Urbanism, distinguished since its inception with the Mention of Excellence.

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