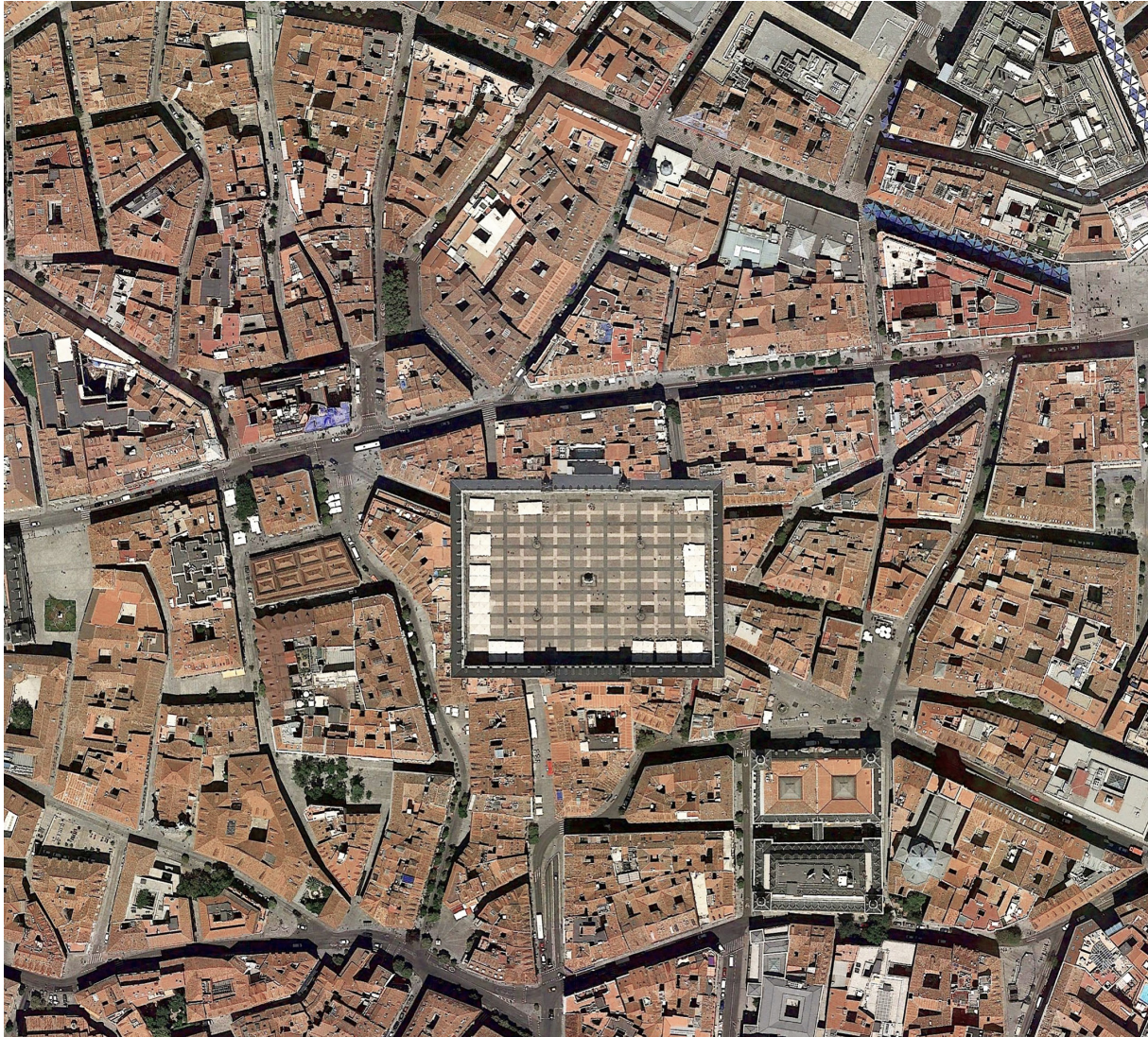


# Architectural Design Crossovers

MSc3/4 ADC Graduation Studio: *The Expanded City/Madrid*



Madrid Plaza Mayor, 40°24'55"N 3°42'26"W, Aerial Photo by Google

## Tutors

Alper Semih Alkan  
Roberto Cavallo

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Johan van Lierop  
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The Architectural Design Crossovers graduation studio perceives the heterogeneity as the pervasive urban condition in the contemporary city, a state which cannot be addressed through the conventional disciplinary division. Therefore, in the studio we consider the architectural project a synthesis of the im/material conditions in an interdisciplinary framework that requires a multi-modal design research.

In 2023–2024, the ADC graduation studio will focus on the **urban commons** in Madrid. Although the population of the suburban settlements has doubled since 1970's, Madrid is among the greenest cities in Europe. However, the city could not overcome the burdens of producing the urban surface and its architectural reconfiguration as a speculative product. As a counter strategy, we will approach the architectural project as the culmination of the intra- and extra-urban resources, as the pivotal axis and the departure of the design research in the studio. In this respect, four urban commons/systems will be investigated as potential sites for the architectural intervention: **soil, water, energy, and mobility**.

Addressing the inherent complexities and conflicts among these systems, the students will develop their design brief reaching beyond the conventional constraints of the architectural project. The students will engage with multidisciplinary research tools and methods to investigate the complexities of the territorial growth of Madrid. With an inductive inquiry into the *Parque Casa de Campo*, the river *Manzanares*, the north-south mobility corridor, or the new green belt, they will explore the urban commons, probing the limitations of the building as a static entity.

In this respect, the formulation of the research framework and design brief requires a systems thinking approach, to embrace not only the complexities of the different sub-systems but also to develop the proper design instruments at various scale of the research and design.

In collaboration with **Madrid Polytechnic University (UPM)**, we will expand the discussions in the research seminar and the studio tutorials, and organise a series of Master Classes to be delivered by the invited experts, researchers and professionals from the related disciplines.



Code	AR3DC100
Credits	55 ECTS
Location	Madrid
Excursion	Madrid
Costs	± € 350,- (not mandatory)