

Master's Degree in Advanced Architecture and City Project

Objectives:

- Provide advanced and specialized education with a view to future professionalization.
- Relate the Architectural Project as a coherent whole with city, landscape and territory, considered as different scales of intervention.
- Achieve interdisciplinary convergence in the design of human settlements in the territory.
- Make known the latest innovations in the field of technology and materials, the environment and ecology, the geographical analysis of the city and the territory, pre-existence in the historical city and the architectural design "ex novo".
- Implement a new teaching methodology based on: a) interdisciplinary supervision of student work and b) definition of the student's own profile of professional specialization, being able to choose one of the two itineraries in which the Master is organized.

General competences

- Know the most recent methodological approaches applied to both architectural and city projects.
- Ability to integrate interdisciplinary knowledge, new approaches and research methods from different scientific fields (environmental and technological) to the specific area of knowledge of the Master that is the architectural and urban design.
- Global understanding of the project challenge, integrating the new technological concepts with the understanding of what the idea of "consolidated city" means today, as a pre-existing reality that goes beyond the concept of heritage.
- To develop new strategies of management and intervention in areas of the city, until now considered marginal, such as the action on the unplanned or self-built city, one of the great problems in Latin American countries.

Specific competences

- Participate in the development, explanation and management of innovative projects of intervention in the city at different project scales.
- Ability to apply the knowledge acquired and to solve problems in new or little-known environments within wider (or multidisciplinary) contexts related to their area of study



- Ability to communicate, argue and publicly defend the developed project before a non-specialized public, potential clients, both public and private, in order to change obsolete and even negative attitudes and mentalities.
- Ability to handle the instrumental techniques related to the fields of study in order to be able to materialize general ideas in defined, calculated and executable projects.
- Ability to put into practice the projects developed, leading their execution and bringing them to physical reality.
- Acquire critical and creative attitudes towards the new challenges of modern urban and architectural design.
- Possess the ability to effectively carry out interdisciplinary teamwork to introduce new fields of knowledge to the project.
- Ability to reflect on and assess the social and environmental implications and responsibilities of their decisions as designers.

For additional information, see the [Memorandum](#)