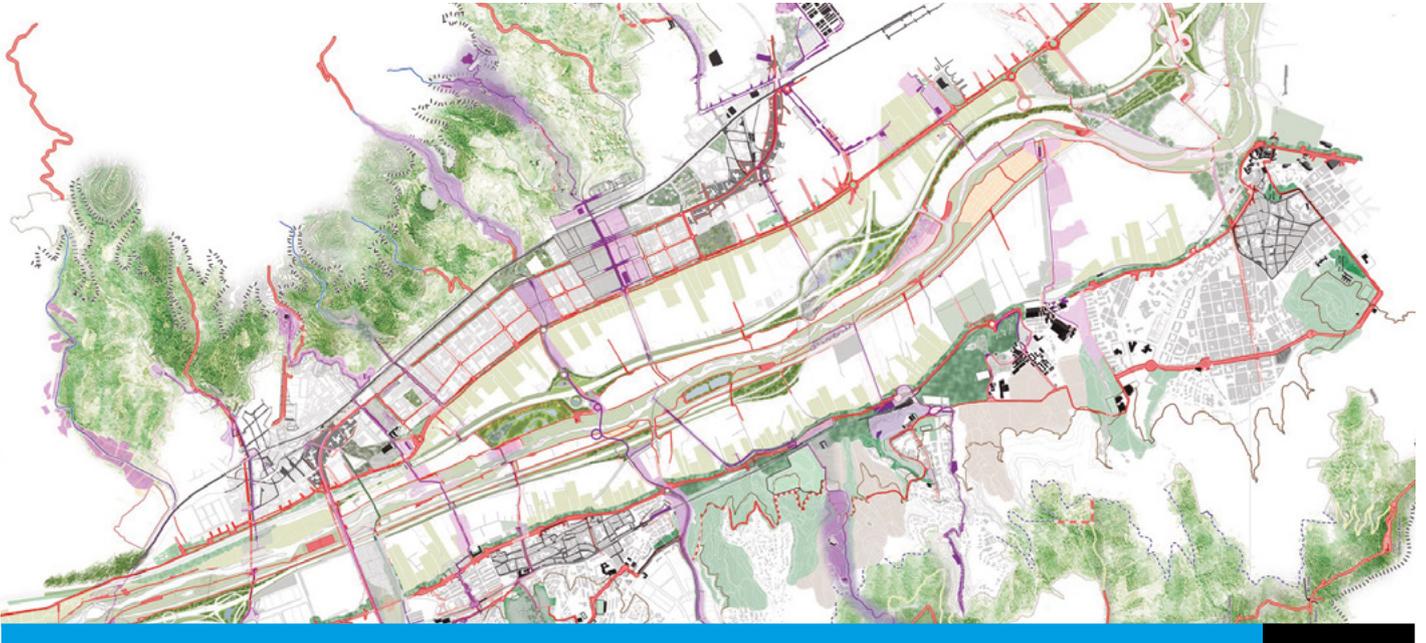




MASTER'S DEGREE IN

Urban Design for Healthy Cities

2ND Edition



Healthy Cities and Sustainable Cities are two sides of the same coin: both place citizens' well-being and sustainability at the heart of urban transformation. There is currently a lack of programmes that address this need for urban planners and designers who are trained to achieve some of the sustainable development goals in a comprehensive manner through urban design.

This master's degree was set up in response to this situation, to provide a conceptual and methodological basis for planning and designing the city based on well-being and sustainability principles, and addresses both the professional and research dimensions. Regarding the former, experts trained to promote well-being and good health for citizens through sustainable urban design and planning are needed. In relation to the latter, new research approaches to study the links between complex urban systems and health are also necessary.

Prospective students

This programme is aimed at university graduates from the following areas:

Main recipients: architects, urban designers, urban planners, landscape designers, civil engineers, students from all disciplines involved in the design, management, physical planning of the city.

Secondary recipients: environmental scientists, urban geographers, students from all disciplines who (despite the fact they do not intervene directly in the physical transformation of cities) generate the urban cartographies that are necessary to transform them.

Admission criteria

University graduates (with or without work experience) with university studies preferably in Architecture, Urban Planning, Environmental Engineering or Landscape Design who wish to expand their knowledge in relation to the new shift towards sustainable urbanism and well-being. Also, professionals and researchers who have an interest in improving their skills in the four dimensions involved (environmental, social, cultural and economic).

Prior qualifications:

- Demonstration of background knowledge about urbanism in motivation letter
- Other postgraduate studies
- Description of relevant work experience

ACADEMIC TEACHING STAFF

Master Program Director

Dr. Pere Vall Casas

Coordinators

Dra. Marta Benages Albert

Dr. Álvaro Cuéllar Jaramillo

ACADEMIC ACCREDITATION

**Master's Degree in
Urban Design for Healthy Cities**

Organising centre

School of Architecture
UIC Barcelona. Barcelona Campus

Dates and times

- January 2023 to September 2023
- Monday to Friday from 10am to 14pm and 15pm to 18pm
- Thesis Jury: 12 September 2023

Information and admissions

Ruth Regalón
rregalon@uic.es
T. +34 932 541 800

CURRICULUM - 60 ECTS

The master program consists of 6 subjects organized in 26 seminars one week long and 1 final workshop four weeks long:

Conceptual Framework

1. Planetary Health and Environmental Epidemiology
2. City Layers

Research Tools

3. Quantitative Methods I: Statistics
4. Quantitative Methods II: GIS & Spatial Analysis
5. Qualitative Methods I: Data Collection & Analysis
6. Qualitative Methods II: Data Presentation
7. Communication Strategy & Content Creation
8. Social Media & Press Relations

Environmental Dimension

9. Health Evaluation and Assessment of Urban Planning Interventions
10. Mobility and City Planning
11. Energy planning & Waste management
12. Food and Water
13. Nature-Based Solutions

Social Dimension

14. Physical Activity in the City
15. Safety Perception
16. Empowerment & Social Capital
17. Environmental Justice
18. Cooperative Urban Transformation Processes
19. Citizen Science & Urban Sustainability

Cultural Dimension

20. Place Attachment
21. Urban Sense of Place
22. Landscape Values and Development
23. Heritage in Urban Intervention
24. City & Landscape Identities

Economic Dimension

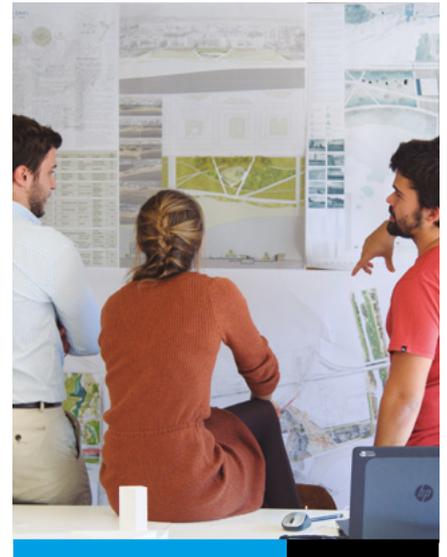
25. Economic Evaluation
26. Sustainable Economy

Synthesis Workshop

Transversal Workshop. Learning Synthesis And Application

OBJECTIVES

- To provide a conceptual and methodological basis for planning and designing urban systems based on the principles of well-being and sustainability.
- To provide knowledge on metrics, tools and methods from areas such as ecology, engineering, urban planning, urban design, urban geography, psychology, sociology and economics, to address the transition towards healthier urban environments.
- To provide knowledge on the scientific evidence available about the environmental, social, cultural and economic factors that influence people's health and well-being.
- To provide knowledge on a wide array of emblematic healthy urban actions –from policies and regulations to planning and design.
- To teach students skills to help them to plan, execute and communicate strategic urban transformations aimed at enhancing public health and well-being.



Reasons to study this master

Sustainability, well-being and inclusive cities

Becoming an architect or urban planning expert in designing cities based on principles of well-being and sustainability in a university with a strong commitment to sustainable development.

Cross-disciplinary and practical approach

Becoming an architect ready to work with other health and urban sustainability experts in the new area of transdisciplinary design. To obtain and compare knowledge not usually covered, such as the environmental, social, cultural and economic dimension.

Our programme combines the interdisciplinary and interscale approaches necessary to face current challenges (climate change, planetary health, sustainable development goals). All of this is applied in a cross-disciplinary workshop that combines smart technologies and nature-based solutions from a holistic approach.

Multicultural environment

Our programme has a prestigious roster of both local and international lecturers from diverse sectors and professional practices.

Our students also come from various countries around the world, thus generating an exceptionally international and enriching learning environment and a valuable professional network.

The programme is taught in the city of Barcelona, renowned for its urban design.



STUDYING IN BARCELONA

Start the most important learning experience of your life in one of the main European cities. Barcelona is a cultural and financial role model and a city where your knowledge can adapt to multiple professional opportunities.

UIC BARCELONA, OUR CAMPUSES

Classes are held on our Barcelona campus and also our Sant Cugat campus, which has a total area of more than 52.000 m². Each Faculty has the best facilities and latest generation equipment for both theoretical and practical classes.

Find out more about the admissions procedure, reserving a place and enrolment here [**uic.es/en/studies**](https://uic.es/en/studies).

Click on [**uic.es/becas-masters**](https://uic.es/becas-masters) to find out more about funding programmes, discounts and grants.

Universitat Internacional
de Catalunya

Campus Barcelona
Immaculada, 22
08017 Barcelona
T. +34 932 541 800

