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# University Master's Degree in **International Cooperation Sustainable Emergency Architecture**

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— 8<sup>th</sup> Edition





## Academic teaching staff

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### Directors

#### **Carmen Mendoza Arroyo**

Holder of a PhD in Urban Design and Planning. She is an Associate Professor in the School of Architecture. UIC Barcelona. Her research focuses on the physical and social regeneration of degraded neighbourhoods in the Metropolitan Area of Barcelona and informal settlements in South America.

#### **Sandra Bestraten**

An architect. Her research focuses on housing and cooperation in developing countries. She has been President of the NGO Universities without Borders – USF, for the last 10 years, involving the development of urban planning and social and educational facilities through social participation.

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### Coordinator

#### **Raquel Colacios**

An architect and holder of a Master's degree. She is assistant professor and director of the Area of Cooperation in the School of Architecture. UIC Barcelona. Her research is focused on the recognition and reinterpretation of the social infrastructure layer through a process of living and mapping social networks as part of the urban design process.

### Assistant Coordinator

#### **Allison Koornneef**

An Environmental Designer and holder of a Master's degree in the same field. Her Master's dissertation involved an analysis of participatory data collection processes in informal settlements and she will continue to work in a related field of research.

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### Academic staff

The Master's programme is taught by a prestigious group of specialised, interdisciplinary professors and lecturers with proven track records. Likewise, NGO's and other institutions participate actively in the course in the area of international cooperation. The academic staff also includes researchers from the four universities involved in the Mundus Urbano programme: Isabelle Anguelovski, Camillo Boano (UCL), Paul Babrera (MSF), Nathaniel Corum (AFH), Kathrin Golda-Pongratz, Nabeel Hamdi (Oxford Brookes University), Clara Irazabal (Columbia University New York), Dan Lewis (UN-Habitat), experts from IFRC, Sergio Palleroni (Center for Public Interest Design), Gonzalo Sanchez-Teran, Hug March, Mbongeni Ngulube, Apen Ruiz, Emilio Hormias and Marta Benages.

The ever growing impact of climate change, military conflicts, rapid urbanisation and economic crises represent a clear need and opportunity for qualified professionals in both developed and developing countries. This Master's degree is a unique degree programme which has a multiple focus on international cooperation, sustainable urban development and emergency architecture. It provides students with the necessary theoretical and methodological background in order to develop an interdisciplinary approach and manage cooperation and sustainable development projects ranging from the urban to the architectural scale. Professionals involved in these areas need to understand that their role in the complex system of international cooperation is to seek holistic solutions that combine both interdisciplinary knowledge and participation from citizens. It is essential to understand the physical, social and cultural substrate of the cities or territories in which we are going to intervene and analyse the context at all scales throughout the intervention process in order to establish a critical approach and proposals in accordance with their urban legacies. The programme includes courses that will help implement and complete this necessary multidisciplinary approach with alternative planning, urban and architectural strategies that promote social cohesion. This Barcelona-based Master's degree, is a second-year option within the Mundus Urbano master, forming part of the prestigious Erasmus Mundus European Cooperation Programme.

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### Academic accreditation

**University Master's Degree accredited by the Spanish Ministry of Education**

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### Coordination Team

School of Architecture, UIC Barcelona  
Barcelona campus

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### Dates and timetable

— From September to February classes are from Monday to Friday from 10 am to 5 pm; From March to May Thesis development (end of May thesis defense); June, July and August internship period

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### Information and admissions

Ruth Regalón  
([rregalon@uic.es](mailto:rregalon@uic.es))  
[masteremergencyarchitecture.com](http://masteremergencyarchitecture.com)



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### Incoming Students

Holders of university degrees in the following areas: Architecture, Urban Development, Planning, Urban Design, Landscape Architecture, Engineering, Geography and International Cooperation.

# Curriculum: 60 ECTS

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## Module 1

### Emergency Shelter and Settlements /12 ECTS

- Course 1A: Introduction to Emergency and Urban Development/3 ECTS
  - Course 1B: Humanitarian Shelter and Settlements \*Course certified by the IFRC (International Federation of Red Cross and Red Crescent Societies)/6 ECTS
  - Course 1C: Urban Growth and Resilience/3 ECTS
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## Module 2

### Urban Development And Community Design /6 ECTS

- Course 2A: Participatory Planning and Community Design/3 ECTS
  - Course 2B: Environmental Justice and Urban Development/3 ECTS
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## Module 3

### Socio-Spatial Strategies /12 ECTS

- Course 3A: Socio Spatial Workshop for integrated Urban Upgrading /3 ECTS
  - Course 3B: Participation as a Tool for Upgrading/3 ECTS
  - Course 3C: Environmental justice and Urban development /3 ECTS
  - Course 3D: Participatory planning and community design /3 ECTS
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## Module 4

### Fieldwork (Internship) /15 ECTS

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## Module 5

### Master's Thesis /15 ECTS

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Language: English

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## Collaborators

We have a growing list of prestigious entities, organisations and institutions that make work placements available to our students:

- ASA Studio (Kigali, Rwanda)
- AECID (Agencia Española de Cooperación Internacional para el Desarrollo)
- UN HABITAT CRPP (City Resilience Profiling Program) (Barcelona, Spain)
- Center for Public Interest Design (Portland, USA)
- Housing Department Sao Bernardo do Campo (Sao Paulo, Brazil)
- Médicos sin Fronteras (Barcelona, Spain)
- SPARC (Society for the Promotion of Area Resource Centres) (Mumbai, India)
- TAO-Pilipinas (Manila, Philippines)
- UCLG (United Cities Local Governments) (Barcelona, Spain)
- UN Habitat Mongolia (Ulaanbaatar, Mongolia)
- Universidad Nacional de Colombia. Escuela de Planeación Urbano Regional (Medellín, Colombia)
- VPUU (Violence Prevention through Urban Upgrading) (Cape Town, South Africa)

## Objectives

— Students will be introduced to different contexts and situations so as to acquire the proper skills to develop their critical analysis and ability to manage complex problems. They will learn to maximise human resources to deal with and support local actors in post-disaster and post-conflict scenarios and tackle urban upgrading strategies in both developed and developing countries.

— The course objectives are to provide the necessary theoretical and methodological background to work in the complex System of International Cooperation, all based on an interdisciplinary approach. Also, to manage cooperation and sustainable development projects ranging from the urban to the architectural scale.

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## 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.

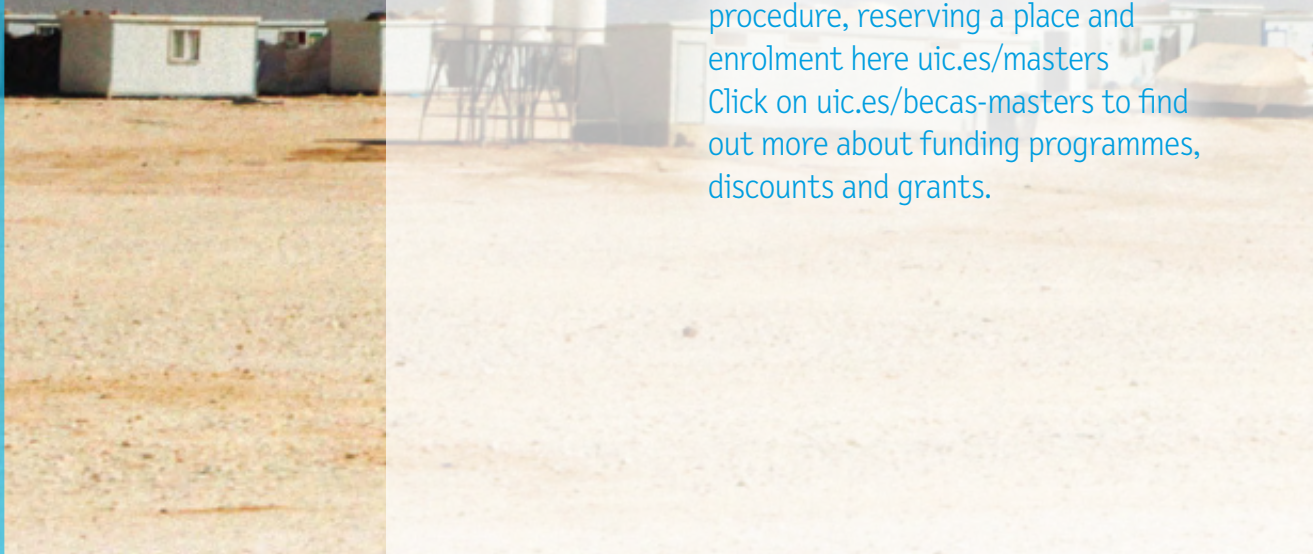
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## UIC Barcelona, our campuses

Classes are held on our Barcelona campus and also our Sant Cugat campus, which has a total area of more than 35.000 m<sup>2</sup>. Each Faculty has the best facilities and latest generation equipment for both theoretical and practical classes.

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Find out more about the admissions procedure, reserving a place and enrolment here [uic.es/masters](http://uic.es/masters)  
Click on [uic.es/becas-masters](http://uic.es/becas-masters) to find out more about funding programmes, discounts and grants.



[uic.es](http://uic.es)

Universitat Internacional  
de Catalunya  
School of Architecture