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#### Engage with URNet



The Urban Resilience Research Network is the most prestigious international network working on city resilience and sustainability research globally, counting with some 300 researchers from more than 40 countries.

[urbanresilienceresearch.net](http://urbanresilienceresearch.net)



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#### UIC Barcelona, our campuses

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

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Universitat Internacional  
de Catalunya  
School of Architecture



# Master's Degree in City Resilience Design and Management

— 3<sup>rd</sup> Edition



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Universitat Internacional  
de Catalunya  
School of Architecture



This master's degree is an innovative and multidisciplinary education programme that teaches students how to operationalise the most urgent calls for building more resilient and sustainable cities. The one-year, intensive programme provides the most up-to-date perspectives, methods and tools for dealing with the threat of climate change, natural disasters and the social and technical transformations required to minimise the environmental impact of the current global urbanisation trends, while addressing social justice. The aim of this course is to address the urgent educational gaps in the way we teach and therefore understand the design and management of cities. Supported by the most prestigious international partners, associations, multilateral organisations, cities resilience offices and universities, this degree bridges disciplines, research and practice, enabling students and future professionals to work across traditional institutional silos.

#### Academic accreditation

**Master's Degree in City Resilience Design and Management**

Organising centre  
School of Architecture,  
UIC Barcelona, Barcelona Campus

Dates and times  
— October to September (60 ECTS)  
— 1st semester: courses,  
Monday to Friday, 10 a.m. to 5 p.m.,  
for 6 months (35 ECTS)  
— 2nd semester: Final Master's Project  
and Work Placement (25 ECTS)

Information and admissions  
**Ruth Regalón**  
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## Objectives

- To provide students the multidisciplinary background, methods and perspectives necessary to design and manage integrated city resilience strategies.
- To create a bridge between specific resilience-related competences (technical tools for conducting socio-spatial analysis) and the real world complexity and practices of city resilience offices.
- To break the “silos mind-set” and turn students into professionals capable of working across silos, as part of an integrated team working to address the complexity of city challenges.

## Academic teaching staff

### Coordination Team

**Lorenzo Chelleri**

**Jole Lutzu**

### International academic teaching staff

**Marie Christine Therrien**

ENAP Montreal

**John Coaffee**

University of Warwick, UK

**Ayyoob Sharifi**

Global Carbon Project, Japan

**Marta Olazabal**

Basque Centre for Climate Change BC3, Spain

**Thorsten Schuetze**

SungKyunKwan University (SKKU) South Korea

**Eefje Hendriks**

University of Technology Eindhoven,  
Netherlands

**Johannes Langemeyer**

Institute of Environmental Science and  
Technology (ICTA), Universitat Autònoma  
de Barcelona

## Curriculum: 60 ECTS

This master's degree is divided into eight modules with a credit load of 35 ECTS, plus the work placement and master's degree project:

— Conceptual Framing	2 ECTS
— Built Environment Resilience	6 ECTS
— Resilience of Nature Based Solutions	2 ECTS
— Urban Services and Economic Resilience	3 ECTS
— Community Resilience	5 ECTS
— Urban Resilience Implementation Challenges	8 ECTS
— BCN City Resilience Lab	5 ECTS
— Tools and Technical Skills for Resilience	4 ECTS
— Final Master's Degree Project	5 ECTS
— Work Placement	20 ECTS

## Reasons to study this master

### International professors and a global multidisciplinary perspective

This master's degree has been framed and supported by the International Urban Resilience Research Network. The programme is taught by professors from some of the most prestigious universities and research centres dealing with urban resilience in different parts of the world.

### Wide range of job opportunities

The programme is supported by the most prestigious foundations, networks and agencies dealing nowadays with city and community resilience. It includes a mandatory work placement period, which provides students the connections and work experience needed to ensure a successful and international career.

### Addressing the world's most urgent city problems

This master's degree will prepare students to implement sustainability and resilience strategies, as defined in the United Nation's New Urban Agenda, the Sustainable Development Goals and the Sendai Framework for Disaster Risk Reduction, as well as other international framework agreements driving future urban development, in city resilience offices.

## Partners

**UN HABITAT**

FOR A BETTER URBAN FUTURE



## Prospective students

This programme is mainly intended for urban, regional and environmental planners, architects looking for a comprehensive view of urban studies and cities, political scientists, social scientists, engineers and geographers. Though largely designed for young students, a limited number of practitioners already involved in managing urban risks may be accepted onto the programme. Thanks to the support from ICLEI, METROPOLIS, Rockefeller 100RC and UN Habitat CRPP, among others, not only will students have the opportunity to link up with city partners from these networks, but workers from these organisations may also have the chance to participate in these courses. Finally, the subjects studied in this course, just like the case studies, are global and will therefore be of interest to people from anywhere in the world.

## Admission criteria

Applicants must hold a bachelor's degree (180 ECTS) in any field related to urban studies or have at least 2 years of experience performing tasks related to urban planning or management in any city administration.

Documents required to apply:

- An up-to-date copy of your CV.
- A motivation letter.
- A background in any discipline related to risk management, urbanisation challenges (demographic, engineering, planning or environmental management) or climate change.
- A Skype interview in English.