

# Master's Degree in Urbanism Regenerating Intermediate Landscapes

Master's Degree and Doctorate (official)

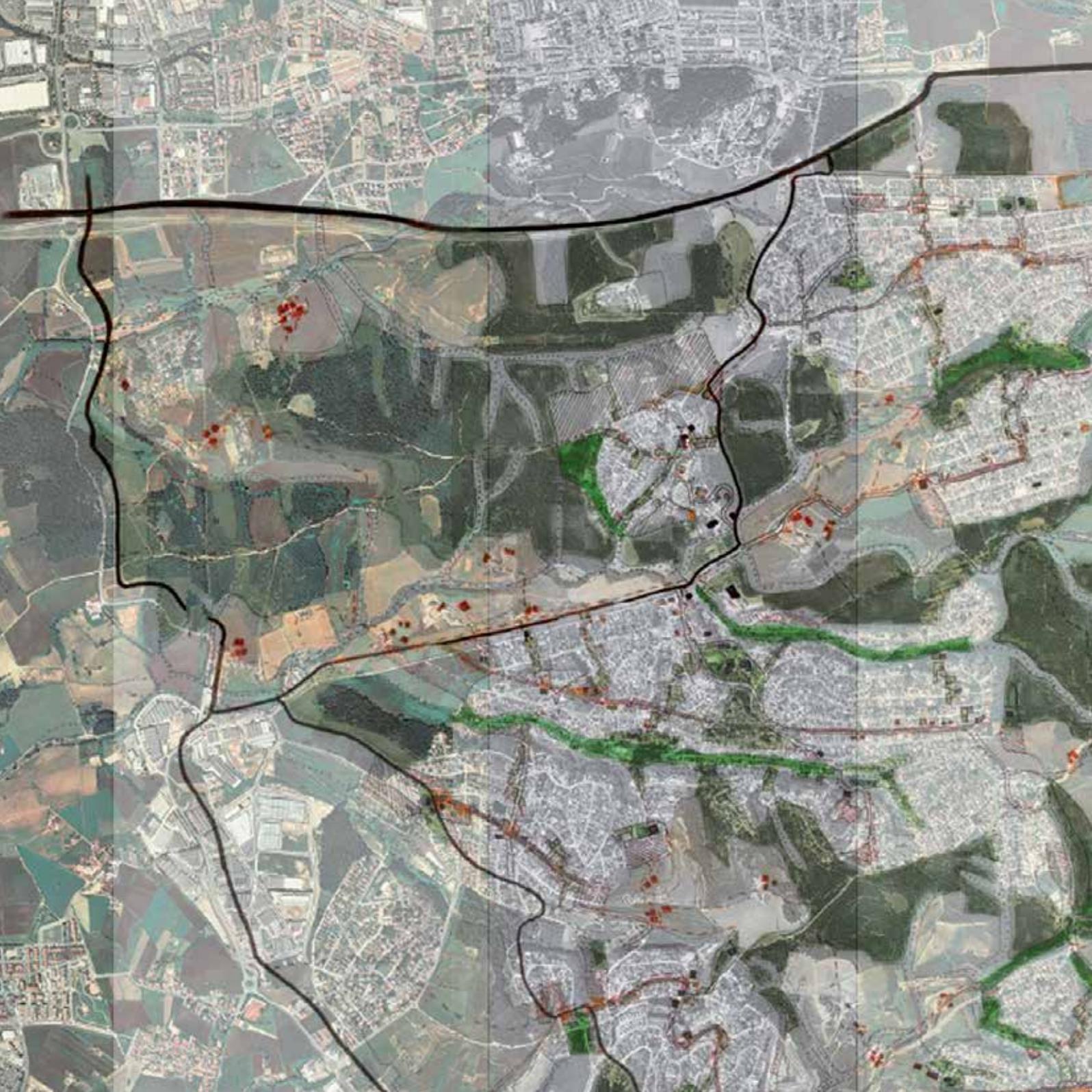
Postgraduate degree (on-line)

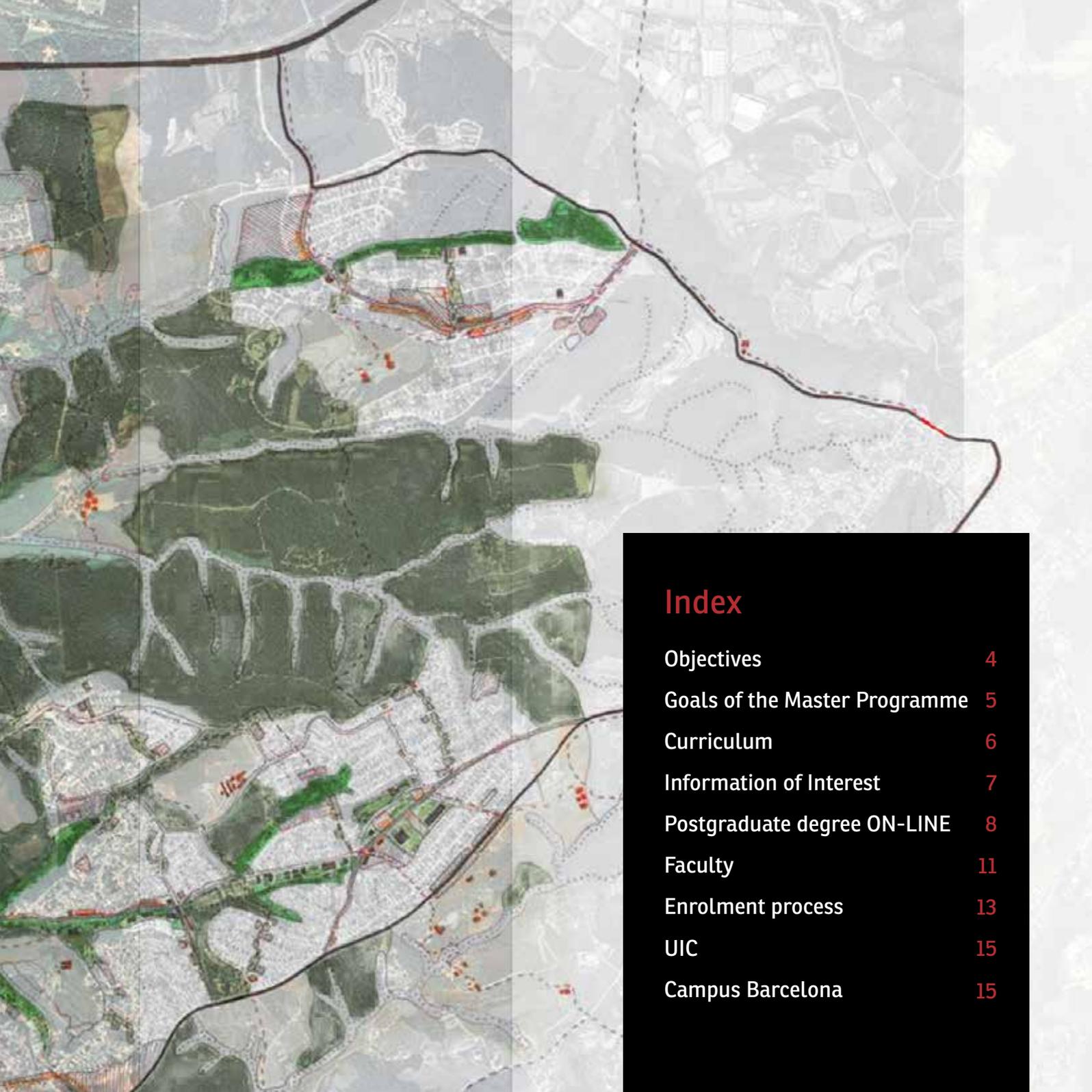
2014-2015 Academic Year



Escola Tècnica  
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d'Arquitectura

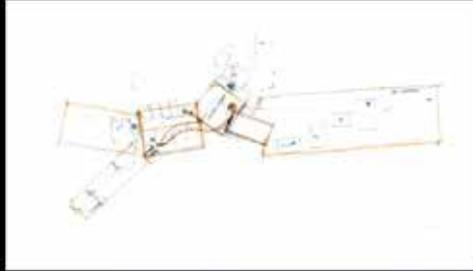
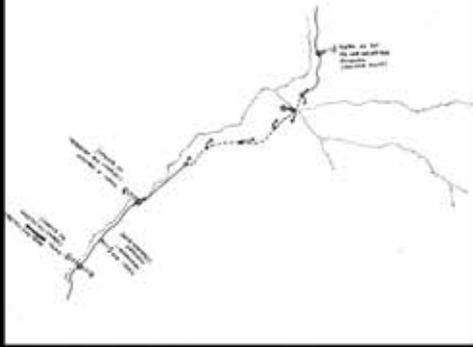
Universitat  
Internacional  
de Catalunya





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## Objectives

Both developed and developing countries currently face an important challenge in urban design and planning: the management of emergent landscapes that have been triggered by the increasing mobility and the unprecedented urban growth. Standard planning cannot guarantee the efficiency and environmental quality of these new urban systems and open spaces. These landscapes, by their size, morphology and use, question the very notion of the compact city, and accordingly our usual urban practices.

The regeneration of large suburban growths, shopping centers and commercial strips; or the preservation of agricultural land and river spaces, strongly arises in our metropolitan regions. All these episodes no longer respond to local government boundaries, but to ad hoc constraints of functional, morphological or environmental character. For this reason, intermediate approaches, between the local and regional level, are needed to resolve conflicts and develop opportunities.

Master's degree in Urbanism Regenerating Intermediate Landscapes is devoted to provide the tools and methodology required. This programme is based on traditional core values of European planning, specifically: the care for the local identity and environmental values, and the commitment to social equity. On these premises, current research from international experts is integrated in a comprehensive approach where economy and management interact with ecology and culture.



# Goals of the Master Programme

The Master's degree in Urbanism Regenerating Intermediate Landscapes is of an academic nature and trains the students in an emergent field of urbanism and regional planning. This programme is oriented to the specialization in an innovative disciplinary field where the contribution of international research and the direct knowledge of exemplary experiences are essential. According to this, the content of the programme provides:

- Skilled methodological training in the regeneration of intermediate landscapes by means of their analysis, interventions, and integrated management.
- Scientific training based on the latest international research, which ranges from a global vision to a focused and specific knowledge.
- Opportunity to access, through field work knowledge of detailed model initiatives of local regeneration.
- A chance to gain a technical awareness of social balance, a rational use of resources, and the preservation of a local identity.



## Future Perspectives for the Master Programme

The present Master's programme contributes to the much needed methodological framework for the diagnosis, intervention and management of emergent intermediate landscapes. Through the training of skilled technicians this programme seeks to answer some of the most challenging and urgent needs in urbanism. Among these are the regeneration of sprawl areas, the transformation of intercity roads into civic axes, and the preservation of cultural landscapes.

Starting in the eighties, critical answers have begun being formulated in Europe and North America in response to environmental, economic, social and cultural challenges arising as a result of an unplanned and uncontrolled urban growth. We can confirm that at the present time there are sufficient theoretical and professional grounds to develop a coherent alternative model. In this context, the Master's degree in Urbanism Regenerating Intermediate Landscapes intends to contribute to the construction of more efficient and sustainable metropolis.



# Curriculum

## Programme Structure

The Master's degree in Urbanism Regenerating Intermediate Landscapes is structured around 4 modules and 8 courses during an academic year which is made up of two semesters. The first two modules take place during the first semester and give the student the necessary foundation in order to attend the next two in the following semester.

### Module I. INTRODUCTION

(10 ECTS) includes two mandatory courses: **Conceptual framework** (5 ECTS) and **Introduction to the study and presentation of case studies** (5 ECTS) The student will learn the basic analytical and management concepts for contemporary intermediate landscapes; classify the main morphological episodes; identify, and communicate the main traits of a case study.

### Module II. METHODOLOGY

(20 ECTS) has three mandatory courses: **Materials** (8 ECTS), **Topics** (8 ECTS), and **Tools** (4 ECTS). The students will learn about the basic components of intermediate landscapes and the main lines of research of contemporary regeneration projects; and the necessary tools in order to analyze intervention areas and efficiently communicate the regeneration scenarios.

### Module III. CASE STUDIES

(5 ECTS) focus on significant regeneration projects in intermediate landscapes through two courses: **Local case studies** (10,5 ECTS) and **International case studies** (4,5 ECTS). The first is fieldwork and introduces the students to the detailed analysis of a local regeneration project directly from its management institution. The second course is mandatory and offers the student a holistic viewpoint of relevant international case studies from expert scholars.

### Module IV. MASTER THESIS

(15 ECTS), supervision and assistance in the development of the master thesis. This is the end of the academic programme.

# Information of interest

## Syllabus and Subjects

### 1st MODULE: INTRODUCTION

6 weeks

#### 1. Conceptual framework

- Theoretical framework. Main research contributions about intermediate landscapes.
- Historical framework. Background and evolution of intermediate landscapes.
- Political framework. Regional governance systems and bottom-up processes.
- Economic framework. Economic determinants of growth and sprawl.
- Social framework. Segregation and loss of social capital.
- Environmental framework. The impact of sprawl on the environment and human health.

#### 2. Introduction to the study and presentation of case studies

- Phenomenology and classification. Contexts, morphologies and categories.
- Basic tools for case study analysis. Identification, interpretation and representation.
- Basic communication tools. Written and graphic presentation techniques.

### 3rd MODULE: CASE STUDIES

9 weeks

#### 6. Local case studies: Field Work

- Local intermediate landscape regeneration case studies.

#### 7. International case studies

- Study of significant international cases studies in developed and developing countries.

### 2nd MODULE: METHODOLOGY

12 weeks

#### 3. Materials

- Mobility networks. Morphological categories and regeneration strategies.
- Dispersed urban systems. Morphological categories and regeneration strategies.
- Open spaces in urban networks. Morphological categories and regeneration strategies.

#### 4. Topics

- Culture. Heritage networks and pre-urban patterns.
- Ecology. Landscape and urban ecology from an integrated vision.
- Community. Design strategies addressed to strengthen the local identity.
- Mobility. Regional and local mobility from an integrated vision.
- Structure. Strategic physical vision as a decision-making tool.
- Ethics. Sprawl and social equity.
- Public health. Design, research and policies on healthy place-making.

#### 5. Tools

- Information technologies. Spatial data management applied to regeneration processes.
- Communication technologies. Production of activating images of regeneration scenarios.
- Economy. Basic microeconomics for planners. Regional marketing.
- Planning. Planning and management tools for intermediate landscapes regeneration.

### 4th MODULE: MASTER THESIS

10 weeks

#### 8. Master Thesis

- Development of a regeneration proposal for an intermediate landscape. Integrated methodology of analysis, intervention and management.

## Calendar/ Schedule / Location

The programme will be taught from October 2014 to July 2015. October 2014 to February 2015. Introductory and methodological modules (workshop and lectures). March 2015 to July 2015. Case study module (fieldwork, workshop, and lectures) and Master thesis module. Classes will be held at the Iradier-Barcelona Campus.

## Student profile

Holders of university degrees in the following areas: Architecture, Urban and Regional Planning, Urban Design, Landscape Architecture, Urbanism, Civil Engineering, Geography Agronomy, Urban Sociology, Environmental Studies, Environmental Psychology.

## Language

English

# **Online Postgraduate Degree in Regenerating Intermediate Landscapes (Virtual)**

ESARQ-UIC's Online Postgraduate Degree in Regenerating Intermediate Landscapes provides the methodological grounding to regenerate contemporary landscapes which are both hybrid in nature and undergoing a transformation, through the incorporation of scales, methodological approaches and actors.

The "intermediate landscape" denomination moves us on to a new technical and intellectual position when dealing with complex challenges, such as the preservation of landscapes with cultural value, the regeneration of informal sectors of the city, the recycling of low-density urban systems, the design of metropolitan waterways or the transformation of motorways into public pathways. In order to do this it is necessary to have access to alternative tools and, above all, a new officer as mediator position. This person must be able to integrate local projects and regional planning based on a strategic overview.

The Online Postgraduate Degree in Regenerating Intermediate Landscapes is based on work sessions which are both theoretical and practical. They are carried out via distance learning using a virtual platform on the internet.

The programme has two modules, one is introductory and the other one is methodological. In the introductory module, students learn basic concepts for the analysis and management of contemporary intermediate landscapes. They also learn to classify primary morphological "episodes" and to identify and communicate the main features of a case study. In the methodological module, students learn about the basic components of intermediate landscapes, the main lines of research in contemporary regeneration projects, and assimilate the tools required to analyse areas of intervention and regenerated settings. Students are able to follow the classes from the beginning of the academic year via documentation uploaded onto the virtual campus, which is provided in stages. In order to obtain their Postgraduate Degree in Regenerating Intermediate Landscapes, students will need to undertake a final project, which they will complete throughout the academic year with ongoing assistance from a supervisor.

**Institution**

ESARQ School of Architecture.

**Campus**

Barcelona Campus

**Dates and Duration of the Online Postgraduate Degree**

October 2014 to April 2015  
7 months / 30 ECTS

**Language**

English

**Information and Admissions Service**

Tel.: (+34) 93 254 18 00  
Email: [postgrado@uic.es](mailto:postgrado@uic.es)  
Website: [intermediatelandscapes.com](http://intermediatelandscapes.com)

\*Students who complete the Online Postgraduate Degree in Regenerating Intermediate Landscapes (30ECTS) can then opt to complete a Master's Degree in Regenerating Intermediate Landscapes (unofficial) from the UIC (60 ECTS), by attending a face-to-face Workshop in Barcelona (15 ECTS) and completing a Final Master's Degree Project (15 ECTS).





## Steering Committee

Urban Design and Regional Planning Lab (LAU) of the School of Architecture of the Universitat Internacional de Catalunya (ESARQ-UIC)

**Dr Pere Vall:** Architect. Urban Design and Planning. Cultural Landscapes.

**Dr Carmen Mendoza:** Architect. Urban Design and Planning. Urban Regeneration and Informal Settlements.

**Dr Pablo Elinbaum:** Architect. Urban Design and Planning.

**Álvaro Cuéllar:** Architect. Urban Design and Planning.

**Marta Benages:** Architect. Landscape Architecture.

# Faculty

## University Master's Degree in Urbanism Regenerating Intermediate Landscapes

Directors: Pere Vall, Carmen Mendoza.

Coordinators: Alvaro Cuéllar, Pablo Elinbaum and Marta Benages.

## Online Postgraduate Degree in Regenerating Intermediate Landscapes

Directors: Pere Vall, Pablo Elinbaum.

Coordinators: Pablo Elinbaum

### Staff

**Bet Alabern**, architect. Urban Design and Planning. Territori24, SLP.

**Sophie Bonin**, agricultural engineer. Geography. Ecole Nationale Supérieure du Paysage Versailles, France.

**Romina Canna**, architect. IE University School of Architecture and Design, Spain. R+D Studio.

**Oscar Carracedo**, architect. Urban Design and Planning. Universitat Internacional de Catalunya, Spain. Carracedo Sotoca Arquitectura, SLP.

**Josep Maria Carrera**, architect. Planning. Institut d'Estudis Territorials, Spain.

**Raquel Colacios**, architect. International Cooperation. Universitat Internacional de Catalunya, Spain. Taab6, SLP.

**Jordi Duatis**, architect. Real Estate Assessment and Urban Management. Duatis Arquitectes, SLP.

**Carola Enrich**, architect. Landscape Architecture. Townshend Landscape Architects, England.

**Juli Esteban**, architect. Urban Design and Planning. Regional Planning Programme Director(2004-2010), Generalitat de Catalunya, Spain.

**Pau Faus**, architect and visual artist.

**Amador Ferrer**, architect. Urban Design and Planning. Universitat Politècnica de Catalunya, Spain. AFAC Arquitectura i Ciutat.

**Biel Horrach**, architect. Urban Design and Planning. Iberoamerican Urban Magazine.

**Clara Irazábal**, architect. Urban Planning. Columbia University, N. Y., USA.

**Salvador Jordana**, geologist. Hydrogeology. Amphos 21 Consulting, SL.

**Sebastià Jornet**, architect. Urban Design and Planning. Universitat Politècnica de Catalunya, Spain. Llop-Jornet-Pastor Arquitectes SLP.

**Jordi Julià**, civil Engineer. Urban Transport. TRN Ingenieria.

**Antonio Lista**, geographer. Cultural Landscapes. Urbsager.com.

**Ignasi López**, photographer. Graphic Designer. Bside Books.

**Ivan Llach**, architect. International Cooperation. Universitat Internacional de Catalunya, Spain. Taab6, SLP.

**Frederic Lloveras**, civil Engineer. Traffic and Transportation. MCRIT.

**Julia Koschinsky**, geographer. Geospatial Analysis. Arizona State University, AZ. USA.

**David Martínez**, architect. Urban Design and Planning. Universitat Internacional de Catalunya. Ajuntament de Barcelona, Spain.

**Regina Meyer**, architect. Urban Design and Planning. FAUUSP, Brazil .

**Carme Miralles**, geographer. Urban Geography. Universitat Autònoma de Barcelona, Spain.

**Antonio Moro**, architect. Urban Design and Planning. Universitat Politècnica de Catalunya, Spain.

**Francesc Muñoz**, geographer. Observatori de la Urbanització. Universitat Autònoma de Barcelona, Spain.

**Oriol Nello**, geographer. Urban Geography. Secretary for Spatial Planning (2003-11), Generalitat de Catalunya. Universitat Autònoma de Barcelona, Spain.

**Joan Nogué**, geographer. Human Geography. Director of the Landscape Observatory of Catalonia. University of Girona, Spain.

**Carles Pareja**, lawyer. Urban Management. Universitat Pompeu Fabra, Spain.

**Valerià Paül**, geographer. Agricultural Landscapes. Universidad de Santiago de Compostela, Spain.

**Jacqueline Pólvora**, urban anthropologist. Social Anthropology. University of Cape Verde.

**Joaquín Sabaté**, architect. Urban Design and Planning. Universitat Politècnica de Catalunya, Spain.

**Luis Santos**, geographer. Urban Planning. Universidad de Valladolid, Spain.

**Pere Sala**, environmental Sciences. Observatori del Paisatge de Catalunya, Spain.

**Pau Serra**, geographer. Urban Geography and Immigration. Universitat Internacional de Catalunya, Spain.

**Joan Solà**, architect. Urban Design and Planning. Universitat Internacional de Catalunya, Spain. SFCA Arquitectes.

**Reena Tiwari**, architect. Urban Studies. Curtin University of Technology, Australia.

**Lorena Vecslir**, architect. Urban Design and Planning. CONICET, Argentina.

**Ana Zazo**, architect. Urban and Regional Planning. Technical University of Madrid, Spain.



# Enrolment process

## Applying to the programme

To enrol in the UIC's Master's Degree in Urbanism Regenerating Intermediate Landscapes, the following steps will be applied:

1. Complete the application form and pay the corresponding file-processing fee (non-refundable). These documents are available on the Master's Programme website.
2. Submit the following documents to the Information and Admissions Service (see forms of access and contact data):

### Students with an official Spanish university degree

- Original attested photocopy of your university degree or a document certifying that your degree has been recognized, or an original attested photocopy of the receipt for payment of the fee to have the degree issued.
- Original attested photocopy of the academic transcript of your university studies.

### Students with an official foreign university degree

- Original attested photocopy of your university degree.
- Original attested photocopy of the academic transcript of your university studies.
- Certificate issued by the university where you earned your undergraduate degree indicating that the degree authorizes you to take postgraduate courses in the country where the degree was issued.

### In all cases

- Statement of interest for attending the master programme.
- Updated curriculum vitae.
- Two letters of recommendation.
- Two ID-sized photos.
- Photocopy of your identity card (DNI) or passport.
- Attested photocopy of any other university degrees, including postgraduate degrees.
- If the original language of the university degree and academic transcript is not Spanish, an original sworn Spanish translation should be submitted of these documents.

## Financial Assistance

The UIC has agreements with different financial institutions to help students finance their studies under highly advantageous conditions. A number of public and private organizations also offer scholarships and study grants. For more information about scholarships and grants, visit:

[www.uic.es/post-financing](http://www.uic.es/post-financing)

[www.genoma-artstudio.com/uic](http://www.genoma-artstudio.com/uic)

## Grants and Financial Aid

Students can check all scholarships and financial aid available for the chosen programme by going here:

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

## Discounts

Members of the UIC Alumni Association are entitled to a 5% discount.

For more information, visit:

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

[www.intermediatelandscapes.com](http://www.intermediatelandscapes.com)

### Information and admissions

Tel: (+34) 93 254 18 00

E-mail: [postgrado@uic.es](mailto:postgrado@uic.es)

Web: [www.intermediatelandscapes.com](http://www.intermediatelandscapes.com)





## UIC

The Universitat Internacional de Catalunya (UIC) is a private non-profit institution promoted by the Catalan Family Foundation.

The UIC has been serving society since 1997 by offering quality, comprehensive university training and promoting research based on the principles of Christian humanism.

The UIC proposes a teaching model based on academic excellence that is characterized by teaching small classes and offering practical, personalized instruction where the maximum emphasis is on promoting key skills. The teaching project has a strong international approach and is implemented in close collaboration with the professional world.

The university is equipped with the finest technical resources and a large professional team distributed on two campuses, one in Barcelona (with two 13,000 m<sup>2</sup> buildings in the upper part of the city) and the other in Sant Cugat (with more than 11,000 m<sup>2</sup> of space at the Hospital General de Catalunya), which means that students are the leading players in every day of university life. The UIC student body of 4,000 enjoys the following university services:

- Accommodation and scholarships
- Sports
- International relations
- Library
- Languages
- Information technology
- Professional strategies
- Alumni Association
- University Dental Clinic
- Chaplaincy
- Solidarity

## CAMPUS BARCELONA

The UIC's Barcelona Campus has two buildings on Carrer Immaculada that hold the Rector's office, central services, the ESARQ School of Architecture and the Faculties of Humanities, Economic and Social Sciences, Communication Sciences, and Legal and Political Sciences. The campus also has two buildings on Carrer Terré that hold the Faculty of Education.

Also on this campus is the Institute of Advanced Family Studies (IESF) and the Charlemagne Institute for European Studies (ICEE). The campus boasts state-of-the-art facilities for theory and practical classes.

There is also a main lecture hall with room for 400 people, Digital Media Studios, which has a television studio, a model workshop for the ESARQ School of Architecture, a self-access language lab, computer rooms and multipurpose work rooms.



**Universitat  
Internacional  
de Catalunya**

**TALENT  
& EFFORT**

**Information and Admissions:**

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