

# Master's degree in Architecture

The **master's degree in Architecture** ([master's degree web](#)) qualifies you to practise as an architect. Its aim is to provide a body of advanced knowledge that builds on the content of the degree in Architecture Studies and it involves the in-depth study of design, technology and urbanism as well as solid, multidisciplinary training in architecture.

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## GENERAL DETAILS

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### Duration and start date

1 academic year, 60 ECTS credits. Starting September

### Timetable and delivery

Mornings | Afternoons. Face-to-face

### Fees and grants

Approximate fees for the master's degree, excluding other costs, €1,660 (€2,490 for non-EU residents).

[More information about fees and payment options](#)

[More information about grants and loans](#)

### Language of instruction

Check the language of instruction for each subject in the course guide in the curriculum.

Information on [language use in the classroom and students' language rights](#).

### Location

[Barcelona School of Architecture \(ETSAB\)](#)

### Official degree

[Recorded in the Ministry of Education's degree register](#)

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## ADMISSION

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### General requirements

[Academic requirements for admission to master's degrees](#)

### Specific requirements

The master's degree in Architecture is reserved exclusively for:

- graduates of the degree in Architecture Studies **from Spanish universities**.
- graduates who fulfill the conditions outlined in Ministerial Order EDU/2075/2010, of 29 July, and in the Resolution of the General Secretariat for Universities of 28 July 2010.

### Places

290

### Pre-enrolment

Pre-enrolment closed (consult the new pre-enrolment periods in the [academic calendar](#)).

[How to pre-enrol](#)

### Enrolment

[How to enrol](#)

### Legalisation of foreign documents

All documents issued in non-EU countries must be [legalised and bear the corresponding apostille](#).

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## PROFESSIONAL OPPORTUNITIES

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## Professional opportunities

Graduates of the master's degree are generally employed as managers or as experts working on teams in areas and activities related to architecture, particularly building construction and urbanism.

- Architecture firms.
- Public administration, as specialists.
- Companies involved in architecture.

## Competencies

### Generic competencies

Generic competencies are the skills that graduates acquire regardless of the specific course or field of study. The generic competencies established by the UPC are capacity for innovation and entrepreneurship, sustainability and social commitment, knowledge of a foreign language (preferably English), teamwork and proper use of information resources.

### Specific competencies

- Ability to conceive, calculate, design and implement building structures and integrate them into existing buildings and urban areas.
- Ability to conceive, calculate, design and implement systems for the division of interiors, carpentry, stairs and other finishing work and integrate them into existing buildings and urban areas.
- Ability to conceive, calculate, design and erect enclosures, roofs and other structural work and integrate them into existing buildings and urban areas.
- Ability to conceive, calculate, design and install water supply, sewage, heating and air conditioning systems and integrate them into existing buildings and urban areas.
- Ability to conceive and develop basic and detailed designs, sketches and drafts.
- Ability to conceive and develop urban design schemes.
- Ability to conceive and carry out construction site management.
- Ability to carry out the functional programming of buildings and urban spaces.
- Ability to intervene in the built heritage and to conserve, restore and rehabilitate it.
- Ability to make architectural criticism.
- Ability to draft and manage urban plans on any scale.

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## ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

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### UPC school

[Barcelona School of Architecture \(ETSAB\)](#)

### Academic coordinator

[Daniel García-Escudero](#)

### Academic calendar

[General academic calendar for bachelor's, master's and doctoral degrees courses](#)

### Academic regulations

[Academic regulations for master's degree courses at the UPC](#)

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## CURRICULUM

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| Subjects  | ECTS credits | Type       |
|---|--------------|------------|
| <b>FIRST SEMESTER</b>                             |              |            |
| Introduction to Research                          | 5            | Optional   |
| Technological and Structural Systems in Buildings | 8            | Compulsory |
| Theory and Practice of Urban and Building Design  | 12           | Compulsory |

## SECOND SEMESTER

| <b>Subjects</b>   | <b>ECTS credits</b> | <b>Type</b> |
|---|---------------------|-------------|
| All Scales of the Project   | 5                   | Optional    |
| Architectural Criticism: Production, Reproduction and Debate  | 5                   | Optional    |
| Architectural Project and Thought   | 5                   | Optional    |
| Architectural Renovation and Conservation Intervention Techniques: Occupant Safety and Health Regulations | 5                   | Optional    |
| Architectural Renovation and Conservation Intervention Techniques: Security Measures                      | 5                   | Optional    |
| Architectural Renovation and Conservation Projects  | 5                   | Optional    |
| Architecture and Creativity   | 5                   | Optional    |
| Architecture and Culture  | 5                   | Optional    |
| Architecture, Science, Technology   | 5                   | Optional    |
| Architectures in Architectures  | 5                   | Optional    |
| Bim for the Multidisciplinary Project   | 5                   | Optional    |
| Contemporary Architectural Issues   | 5                   | Optional    |
| Contemporary Architecture. Study Tour   | 5                   | Optional    |
| Contemporary Residential Urban Project  | 5                   | Optional    |
| Crucial Aspects of Urban Projects   | 5                   | Optional    |
| Cultural Landscapes, Heritage and Territorial Design  | 5                   | Optional    |
| Design Competition as a Critical Thinking Tool  | 5                   | Optional    |
| Designing the City. Emerging Cities and Territories   | 5                   | Optional    |
| From Intimacy to the Public Space   | 5                   | Optional    |
| Graphic Statics. Structural Design, Optimisation and Analysis   | 5                   | Optional    |
| Heritage Historic Construction  | 5                   | Optional    |
| Historiography of Art and Architecture  | 5                   | Optional    |
| History of Art and Architecture   | 5                   | Optional    |
| History, Architecture and City  | 5                   | Optional    |
| Housing and Sustainability: Physical Rehabilitation and Social and Urban Regeneration                     | 5                   | Optional    |
| Looking From the Project. Architecture and Photography  | 5                   | Optional    |
| Materiality and Project   | 5                   | Optional    |
| Modelling Techniques and Digital Production for Constructive Solutions Development                        | 5                   | Optional    |
| New Representations. New Concepcions  | 5                   | Optional    |
| Processes, Instruments and Procedures of the Urban Planning Practice                                      | 5                   | Optional    |
| Promise, Talent and Construction  | 5                   | Optional    |
| Public Space and Climate Emergency  | 5                   | Optional    |
| Public Space, Experiences, Projects and Policies  | 5                   | Optional    |
| Regional and Urban Economy  | 5                   | Optional    |
| Renovation in Large Residential Complexes and Industrial Areas  | 5                   | Optional    |
| Renovation, Pathologies and Structural Reinforcement  | 5                   | Optional    |
| Reshaping the City by the Public Space  | 5                   | Optional    |

| <b>Subjects</b>  | <b>ECTS credits</b> | <b>Type</b> |
|--|---------------------|-------------|
| Retrofitting: Architecture, Energy and Health                    | 5                   | Optional    |
| Structural Projects in Architecture                              | 5                   | Optional    |
| The City as Local Vs Global Interface                            | 5                   | Optional    |
| The Other 98% Urbanism   | 5                   | Optional    |
| The Rules of Urban Form  | 5                   | Optional    |
| The Territory as Architecture                                    | 5                   | Optional    |
| The Territory as Project, Territorial-Mosaic City                | 5                   | Optional    |
| Theory of Arts and Architecture                                  | 5                   | Optional    |
| Town Planning in Practice. Processes, Procedures and Instruments | 5                   | Optional    |
| Urban and Real-Estate Valuation                                  | 5                   | Optional    |
| Urban and Regional Analysis and Planning                         | 5                   | Optional    |
| Urban and Regional Transformations of Sun and Sea Tourism        | 5                   | Optional    |
| Urban Planners in Their Cities                                   | 5                   | Optional    |
| Urban Policies and City Management                               | 5                   | Optional    |
| Urban Project. Ideas and Praxis                                  | 5                   | Optional    |
| Urban Sustainability and Environmental Evaluation Methodologies  | 5                   | Optional    |
| Final Thesis   | 30                  | Project     |