# Master's degree in Architecture

The **master's degree in Architecture** 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.

## GENERAL DETAILS

### Duration and start date
1 academic year, 60 ECTS credits. Starting September

### Timetable and delivery
Mornings. Face-to-face

### Fees and grants

- Approximate fees for the master's degree, excluding degree certificate fee, €2,650 (€3,975 for non-EU residents).

  More information about fees and payment options

  More information about grants and loans

### Language of instruction

Subjects will be taught in Catalan or Spanish, depending on the student's level of comprehension and on the teaching objectives of the master's degree course.

### Location

Barcelona School of Architecture (ETSAB)

### Official degree

Recorded in the Ministry of Education's degree register

## ADMISSION

### 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**.

### Places

300

### Pre-enrolment

Pre-enrolment period open.

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**.
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.

ORGANISATION

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

CURRICULUM

Subjects | ECTS credits | Type
--- | --- | ---
**FIRST SEMESTER**
Technological and Structural Systems in Buildings | 8 | Compulsory
<table>
<thead>
<tr>
<th>Subjects</th>
<th>ECTS credits</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory and Practice of Urban and Building Design</td>
<td>12</td>
<td>Compulsory</td>
</tr>
<tr>
<td><strong>SECOND SEMESTER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activities and Architecture in the City</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Architectural Representation Workshop: New Approaches</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Architectures in Architectures</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Contemporary Architecture</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Contemporary Architecture. Study Tour</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Housing and Sustainability: Physical Rehabilitation and Social and Urban Regeneration</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Looking From the Project. Architecture and Photography</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Modelling Techniques and Digital Production for Constructive Solutions Development</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Processes, Instruments and Procedures of the Urban Planning Practice</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Structural Projects in Architecture</td>
<td>5</td>
<td>Optional</td>
</tr>
<tr>
<td>Final Thesis</td>
<td>30</td>
<td>Project</td>
</tr>
</tbody>
</table>

March 2019. **UPC. Universitat Politècnica de Catalunya · BarcelonaTech**