

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.

GENERAL DETAILS

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, €1,107 (€2,593 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](#)

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**.
- 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

260

Pre-enrolment

Pre-enrolment period open.

Expected deadline: 07/07/2023.

[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: ACADEMIC CALENDAR AND REGULATIONS

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**

Introduction to Research

5

Optional

Technological and Structural Systems in Buildings

8

Compulsory

Subjects	ECTS credits	Type
Theory and Practice of Urban and Building Design	12	Compulsory
SECOND SEMESTER		
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 Conceptions	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

Subjects	ECTS credits	Type
Renovation, Pathologies and Structural Reinforcement	5	Optional
Reshaping the City by the Public Space	5	Optional
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