

# Degree in Architecture Studies Barcelona School of Architecture (ETSAB)

Graduates of this **degree in Architecture Studies** will be technically competent and scientifically rigorous professionals who will be involved in productive architectural work and architectural designs that satisfy both aesthetic and technical requirements. You will have knowledge of the history and theories of architecture, urban design and urban planning, research methods and preparation of construction projects, in addition to the problems of structure, construction and engineering related to building design. You will understand the relationships between people, buildings and their environment, and the architectural profession and its role in society, enabling you to take into account the social factors of design.

#### **GENERAL DETAILS**

#### **Duration**

5 years

## Study load

300 ECTS credits (including the bachelor's thesis). One credit is equivalent to a study load of 25-30 hours.

### **Delivery**

Face-to-face

## Language of instruction

Check the language of instruction for each subject (and timetable) in the course guide in the curriculum.

Information on language use in the classroom and students' language rights.

#### Fees and grants

Approximate fees per academic year: €1,107 (€2,553 for non-EU residents). Consult the public fees system based on income (grants and payment options).

#### Location

Barcelona School of Architecture (ETSAB)

#### Official degree

Recorded in the Ministry of Education's degree register

#### **ADMISSION**

#### **Places**

342

## Registration and enrolment

What are the requirements to enrol in a bachelor's degree course?

## Legalisation of foreign documents

All documents issued in non-EU countries must be legalised and bear the corresponding apostille.

## **PROFESSIONAL OPPORTUNITIES**

#### Regulated profession

Architect (after obtaining the master's degree in Architecture (ETSAB, ETSAV).

# **Professional opportunities**

- Building design.
- Design of public space.
- Calculation of structures in the building.
- Urban and territorial planning.
- Real estate management.
- Interior design and the design of furniture and objects.
- Design of temporary structures, exhibitions and theatre sets.
- Graphic design.
- Diagnosis of energy consumption of buildings and urban spaces.
- Environmental impact studies.
- Architecture and the law: appraisal, arbitration and valuation; dealing with procedures regarding building use.
- Teaching and research.

#### **ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS**

#### Academic calendar

General academic calendar for bachelor's, master's and doctoral degrees courses

## **Academic regulations**

Academic regulations for bachelor's degree courses at the UPC

# Language certification and credit recognition

Queries about language courses and certification

Barcelona School of Architecture (ETSAB)

# This bachelor's degree is also taught at

• Sant Cugat del Vallès · ETSAV · Show degree

CURRICULUM		
Subjects	ECTS credits	Туре
FIRST COURSE		
Basic Design I	6	Compulsory
Basic Design II	6	Compulsory
Basic Technique	6	Compulsory
Basic Theory	6	Compulsory
Drawing I	6	Compulsory
Drawing II	6	Compulsory
Mathematics I	6	Compulsory
Mathematics II	6	Compulsory
Physics I	6	Compulsory
Physics II	6	Compulsory
SECOND COURSE		
Architectural Representation I	5	Compulsory
Architectural Representation II	5	Compulsory

Subjects	ECTS credits	Туре
Conditioning and Services I	6	Compulsory
Construction I	6	Compulsory
Design I	7.5	Compulsory
Design II	7.5	Compulsory
History I	6	Compulsory
Structures I	7	Compulsory
Urban Design I	5	Compulsory
Urban Design II	5	Compulsory
THIRD COURSE		
Architectural Representation III	5	Compulsory
Conditioning and Services II	6	Compulsory
Construction II	6	Compulsory
Design III	7.5	Compulsory
Design IV	7.5	Compulsory
History II	7	Compulsory
Structures II	6	Compulsory
Urban Design III	5	Compulsory
Urban Design IV	5	Compulsory
FOURTH COURSE		
Architectural Representation IV	5	Compulsory
Conditioning and Services III	6	Compulsory
Construction III	7	Compulsory
Design V	7.5	Compulsory
Design VI	7.5	Compulsory
Structures III	6	Compulsory
Theory I	6	Compulsory
Urban Design V	5	Compulsory
Urban Design VI	5	Compulsory
FIFTH COURSE		
Construction IV	7.5	Compulsory
Law and Management in Architecture	7.5	Compulsory
Structures IV	5	Compulsory
Thematic Studio I	7.5	Compulsory
Thematic Studio II	7.5	Compulsory
Theory II	5	Compulsory
Bachelor's Thesis	6	Project
OPTIONAL		
1:1 Scale Wood Studio	5	Optional

Subjects	ECTS credits	Туре
Acoustic Design of Architecture	3	Optional
Adaptive Architecture, Furniture and Design	4	Optional
Anthropology of the City and Habitat	5	Optional
Application of Parametric Design Systems	5	Optional
Architectural Design and Sustainability: Environmental Assessment in the Design Process	4	Optional
Architectural Heritage and Cultural Landscapes	3	Optional
Architectural Survey of Built Heritage	3	Optional
Architecture and Cinema	4	Optional
Architecture and Collective Action Seminar	3	Optional
Architecture and Invention Seminar I	3	Optional
Architecture and Invention Seminar II	3	Optional
Architecture and Politics	4	Optional
Architecture and the Material Project	3	Optional
Architecture as Experience Seminar I	3	Optional
Architecture as Experience Seminar II	3	Optional
Architecture, Materials and Environment	3	Optional
Architecture, Sustainability and Energy	4	Optional
Barcelona I: Walking Barcelona	5	Optional
BIM for Advanced Project Management	5	Optional
Building Communities	5	Optional
Building with Memory	3	Optional
Business Management and Start-Up for Architects	3	Optional
Cities in History	4	Optional
Collective Housing: Precedents, Current Developments and Alternatives	3	Optional
Computational Design Protocol Seminar	3	Optional
Computer Design and Calculation of Two-Way Reinforced Concrete Structures	5	Optional
Contemporary Collective Habitat Seminar: Diffuse Housing	3	Optional
Creation and Invention Seminar: Reading, Writing, Telling Stories, Representing, Drawing Maps	3	Optional
Data Representation and Management in Public Space Seminar	3	Optional
Design and Landscape Seminar	3	Optional
Designing for Climate Resilience	3	Optional
Designing Structural Public Space Seminar	3	Optional
Designing, Calculating and Building in Wood – Vol. I	4	Optional
Designing, Calculating and Building in Wood – Vol. II	4	Optional
Digital Architectural Photography	5	Optional
Digital Manufacturing Systems Seminar	3	Optional
Documentation, Analysis and Interpretation of the Architectural Heritage: Architectural Surveying Techniques	3	Optional

Economic and Feasibility Analysis at the Service of Urbanism and Architecture         5         Optional           Environmental and Architectural Parameters: a Design Method         5         Optional           Environmental and Architecture: Energy Saving         3         Optional           From Rough Material to Design with Parametric Tools         5         Optional           History of Western Art II: from Courbet to Klein         3         Optional           Housing and Cooperation         5         Optional           Ideation and Drawing Workshop: Visual Diary of a Creative Process         3         Optional           Infrastructure and Technique Seminar         3         Optional           Infrastructure Seminar: Construction and Recycling         3         Optional           Infrastructure, City and Architecture Seminar I         3         Optional           Infrastructure, City and Architecture Seminar I         3         Optional           Intervactive Urban Scenarios         3         Optional           Intervactive Urban Scenarios         3         Optional           Intervactive Urban Scenarios         3         Optional           Intervactivo in Architectural Heritage         3         Optional           Introduction to Architectural Heritage         3         Optional           Int	Subjects	ECTS credits	Туре
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	Programme and Place Seminar I	3	Optional

Programme and Place Seminar II       3       Optional         Public Space / Urban Design       3       Optional         Re-Inhabit: the Home and the Street       5       Optional         Recovery and Reprogramming of Obsolete Buildings and Urban Environments       3       Optional         Regenerate to Inhabit Seminar: Concepts and Tools       3       Optional         Rehabilitation Techniques and Application       3       Optional         Renewable Energies in Architecture: Waffle Slabs       3       Optional         Renewable Energies in Architecture       4       Optional         Seminar on Wood Constructions / Rehabilitation / Energy Strategies       3       Optional         Space: Unity and Privacy       4       Optional         Structural Planning: Design and Construction with BIM as a Support Tool       3       Optional         Territory and Landscape       3       Optional         The Central Park in the Contemporary Metropolis Seminar       3       Optional         To Look is to Design: Architects and Photography       5       Optional         Urban Notes       3       Optional         Urban Management       3       Optional         Urban Notes       3       Optional         Virban Regeneration and Reconversion Seminar       3 </th <th>Subjects</th> <th>ECTS credits</th> <th>Туре</th>	Subjects	ECTS credits	Туре
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