

Degree in Architecture Studies Vallès School of Architecture (ETSAV)

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 academic 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

Vallès School of Architecture (ETSAV)

Official degree

Recorded in the Ministry of Education's degree register

ADMISSION

Places

110

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

Vallès School of Architecture (ETSAV)

This bachelor's degree is also taught at

• Barcelona · ETSAB · Show degree

CURRICULUM		
Subjects	ECTS credits	Туре
FIRST SEMESTER		
Analytic Geometry	6	Compulsory
Basic Technique	6	Compulsory
Drawing	6	Compulsory
Environmental Physics	6	Compulsory
Habitat and Space	6	Compulsory
SECOND SEMESTER		
Basic Theory	6	Compulsory
Calculus	6	Compulsory
Form and Space	6	Compulsory
Mechanics	6	Compulsory
Technical Drawing	6	Compulsory
THIRD SEMESTER		
Architectural Representation of the Site	3	Compulsory

Subjects	ECTS credits	Туре
Architecture and Design Workshop: Society and City	8	Compulsory
Architecture and the City	6	Compulsory
Environment, Free Space and City	5	Compulsory
Environmental Building Design	4	Compulsory
Forces and Stresses	4	Compulsory
FOURTH SEMESTER		
Architectural Representation and Modelling	5	Compulsory
Architecture and Design Workshop: Site and City	12	Compulsory
Composition I	3	Compulsory
Construction Systems I	6	Compulsory
Shape and Deformations	4	Compulsory
FIFTH SEMESTER		
Architecture and Design Workshop: Housing and Technique	12	Compulsory
City and Residential Project	5	Compulsory
Composition II	3	Compulsory
Hyperstatic Structures	3	Compulsory
Technology of Interior Spaces	7	Compulsory
SIXTH SEMESTER		
Architectural Representation of the Project	5	Compulsory
Architecture and Design Workshop: Housing and Urban Environment	12	Compulsory
Construction Systems II	7	Compulsory
Reinforced Concrete Structures	3	Compulsory
Theory and History I	3	Compulsory
SEVENTH SEMESTER		
Architecture and Design Workshop VII	12	Compulsory
Light Building Envelopes	4	Compulsory
Prominent Structures	3	Compulsory
Urban Design III	5	Compulsory
EIGHTH SEMESTER		
Architecture and Design Workshop VIII	12	Compulsory
Composition IV	4	Compulsory
Construction and Remodelling of Urban Space	4	Compulsory
Soil Mechanics and Foundations	3	Compulsory
NINTH SEMESTER		
Architecture and Design Workshop IX	12	Compulsory
Intervention in the Building Stock	4	Compulsory
Urban Design IV	5	Compulsory
TENTH SEMESTER		

Building What Has Been Designed 6 Compulsory	Subjects	ECTS credits	Туре
Composition V 4 Compulsory Bachelor's Thesis 6 Project OPTIONAL 1:1 Scale 5 Optional 3D Model Rendering 3 Optional Abc: Methodological Studies in Urban Analysis 3 Optional Advanced Architectural Interiors 4 Optional Analysis, Consolidation and Reinforcement of Existing Structures 2.5 Optional Analysis, Consolidation and Reinforcement of Existing Structures: Design and Predimensioning 3.5 Optional Analysis, Consolidation and Reinforcement of Existing Structures: Design and Predimensioning 3.5 Optional Anamicrational Studies and Reinforcement of Existing Structures: Design and Predimensioning 3.5 Optional Anamicratic Reinforced Concrete 4 Optional Architectural Building Solutions Workshop (Tosca) 3.5 Optional Architecture and Cooperation 3 Optional Architecture Building Solutions Workshop (Tosca) 3 Optional Architecture Ideation and Graphic Communication 2.5 Optional Barcelona. Its History and Its Architecture 5.5 Optional Barcelona.	Architecture and Design Workshop X	12	Compulsory
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City and Memory: Public Space, Art, Activism, Politics and Community 5 Optional	City and Life	4	Optional
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Community Labs, the Art of Living Together 4 Optional Computer-Aided Structural Design 3.5 Optional Computer-Aided Structural Design 4.5 Optional Construction of Steel Structures 2.5 Optional Construction of Steel Structures 2.5 Optional Construction of Steel Structures 4 Optional Construction of Steel Structures 5 Optional Construction of Steel Structures 4 Optional Construction of Steel Structures 5 Optional Construction of Steel Structures and Steel Structures 5 Optional Construction Steel Structures 5 Optional Construction Steel Structures 5 Optional Construction Steel Structures 6 Optional Construction Steel Structural Exhibition Design and Production 3 Optional Construction Steel Structural Exhibition Design and Production 3 Optional Construction Steel Structural Exhibition Design and Production Steel Structural Exhibition Design and Exhibition of Activate Constructural Exhibition Design and Exhibition of Activate Constructural Exhibition Steel Structur	Subjects	ECTS credits	Туре
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Subjects	ECTS credits	Туре
Steel Structures	2.5	Optional
Steel Structures	3	Optional
Súnion: Learning Innovation	3.5	Optional
Súnion: Learning Innovation	3	Optional
The Experience of Architecture	3	Optional
The Experience of Architecture 03: 'Brussels'	3	Optional
The Explosion of the Contemporary City	4	Optional
The Invisible City	4	Optional
Theory and History of Visual Thought in Architecture	4	Optional
Tosca	3.5	Optional
Trans-	3.5	Optional
Trans-Flanders	4	Optional
Trans-Madrid	4	Optional
Travel Notes	6	Optional
Travel Notes: Milan	5	Optional
Travel Notes: Rome	5	Optional
Travel Notes: Venice	5	Optional
Trees in Landscape Architecture	3.5	Optional
Urban and Architectural Drawing and Photography	3	Optional
Urban Metabolism: the Rels Project	4.5	Optional
Urban Metabolism: the Rels Project 2	4.5	Optional
Urban Robotics: Opportunities for Redesign	4	Optional
Watercolour	5	Optional
Watercolour	3	Optional
What IT is Important to Explain About an Architectural Project and How to Communicate IT	2.5	Optional
Wooden Structures	3	Optional
Wooden Structures	3.5	Optional
Wooden Structures	2.5	Optional
Workshop: Local Action	3	Optional
Zeta	4	Optional

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