

Student profile

Students of Architecture should possess a solid grounding in Mathematics, Physics and History of Art, together with an aptitude and skills for technical and artistic drawing and a strong interest in artistic creativity and design. Ideally, Architecture students should also be creative and should possess an artistic sensibility, organisational and planning skills, a sense of vocation and the capacity for analysis, synthesis and critical thinking. They should be able to work as part of a team, and be motivated by the pursuit of quality.

They will be expected to demonstrate their capacity for logical and numerical reasoning, abstract thought, teamwork, communication, effort and concentration, and analysis and synthesis. All these skills will be developed throughout the duration of the Degree course.

Career opportunities

The Master's Degree in Architecture equips and qualifies graduates to undertake professional practice independently, within an architectural firm or in the public sector.

Of the various professional career opportunities in Architecture, the following can be highlighted: new building project design and management; renovation and intervention in historical heritage; town planning and design; landscape and environmental design; technical consultancy for buildings, utilities, etc.; sustainable urban and architectural design and construction; architectural, urban and landscape design in general and graphic design in particular; building management and valuation; construction management, etc. Architects are employed by companies in all sectors.



TECHNICAL SCHOOL OF ARCHITECTURE AND GEODESY

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This Degree complies with European
Higher Education Area requirements

Bachelor's Degree in:

Basics of Architecture and Town Planning

Master's Degree in:

Architecture



Type of Degree

This is an officially recognised University Degree, valid throughout the European Higher Education Area. The official Master's Degree entitles for the professional practice of Architecture in the European Union.

Bachelor's Degree overall credit distribution

SUBJECT TYPE	ECTS
Basic Training (B)	60
Obligatory (Ob)	201
Optional (Opt)	30
Bachelor's Degree Final Project (Ob)	9
TOTAL CREDITS	300

Master's Degree overall credit distribution

SUBJECT TYPE	ECTS
Obligatory (Ob)	30
Master's Degree Final Project (Ob)	30
TOTAL CREDITS	60



WORLD HERITAGE

STUDY PLAN

FIRST YEAR	First semester	Type	ECTS	Second semester	Type	ECTS
	Physics (both semesters)	B	4,5	Physics (both semesters)	B	4,5
	Mathematics (both semesters)	B	4,5	Mathematics (both semesters)	B	4,5
	Geometry and Representation I	B	10	Geometry and Representation II	B	6
	Drawing Workshop I	B	8	Architectural Analysis I	B	6
				History of Art	Ob	6
				Architectural Projects I	Ob	6
	Total ECTS		27	Total ECTS		33

SECOND YEAR	First semester	Type	ECTS	Second semester	Type	ECTS
	Architectural Analysis II	B	6	Building Structures I	Ob	6
	Drawing Workshop II	B	6	Theory and History of Architecture II	Ob	6
	Theory and History of Architecture I	Ob	6	Building Materials	Ob	6
	Introduction to Building	Ob	6	Architectural Projects III	Ob	12
	Architectural Projects II	Ob	6			
	Total ECTS		30	Total ECTS		30

THIRD YEAR	First semester	Type	ECTS	Second semester	Type	ECTS
	Building Environmental Design	Ob	6	Building Services and Installations	Ob	6
	Architectural Composition I	Ob	6	Town Planning I	Ob	6
	Building Structures II	Ob	6	Landscape Architecture	Ob	6
	Architectural Constructions I	Ob	6	Architectural Constructions II	Ob	6
	Architectural Projects IV	Ob	6	Architectural Projects V	Ob	6
	Total ECTS		30	Total ECTS		30

FOURTH YEAR	First semester	Type	ECTS	Second semester	Type	ECTS
	Architectural Projects VI	Ob	12	Cross-Disciplinary Skills	Opt	12
	Building Structures III	Ob	6	External practical Training / Optional Subjects	Opt	18
	Town Planning II	Ob	6			
	Architectural Constructions III	Ob	6			
	Total ECTS		30	Total ECTS		30

FIFTH YEAR	First semester	Type	ECTS	Second semester	Type	ECTS
	Architectural Constructions IV	Ob	6	Bachelor's Degree Final Project	Ob	6
	Architectural Projects VII	Ob	12	Building Workshop	Ob	6
	Soil Mechanics and Foundations	Ob	6	Urban and Building Legislation	Ob	6
	Town Planning III	Ob	6	Town Planning IV	Ob	6
				Architectural Composition II	Ob	6
	Total ECTS		30	Total ECTS		30

TOTAL ECTS CREDITS: 300

B: Basic Training; Ob: Obligatory; Opt: Optional.

SPECIALISATIONS

Optional subjects are organised into three lines of specialisation:

- Heritage: Theory, History and Intervention in Architectural Heritage
- Landscape: Town Planning and Landscape
- New Technologies: Technological Innovations

MASTER'S DEGREE IN ARCHITECTURE COURSE PROGRAMME

First semester	Type	ECTS	Second semester	Type	ECTS
Integrated Projects Workshop	Ob	30	Master's Degree Final Project	Ob	30
Total ECTS		30	Total ECTS		30

TOTAL ECTS CREDITS: 60

INTEGRATED PROJECTS WORKSHOP

There are three lines of specialisation:

- Heritage: Theory, History and Intervention in Architectural Heritage
- Landscape: Town Planning and Landscape
- New Technologies: Technological Innovations

Course Contents

The Bachelor's Degree in Basics of Architecture and Town Planning and the Master's Degree in Architecture are aimed at producing professionals capable of designing, planning and managing the spaces within which humans live, specifically buildings, urban areas and the landscape. These degrees consist of an integrated and state-of-the-art education which emphasises teamwork, an awareness of and respect for nature and the environment, and an ability to consider energy costs, light and sound in the context of managing and renovating spaces.

Architecture is a clear example of a liberal profession, with a dual focus consisting of design and planning on the one hand, and subsequent implementation of said design and planning on the other.

The main objectives of the Bachelor's Degree are:

- To provide students with the ability to apply knowledge to

professional practice as an architect rigorously, through preparation and defence of arguments and problem-solving in the context of architecture.

- To provide students with the ability to collect and interpret relevant information (within the context of architecture and town planning) in order to make decisions which take issues of a social, scientific or ethical nature into consideration.
- To provide students with the ability to transmit architectural and town planning information, ideas, problems and solutions to experts and the general public.
- To help students develop the learning skills necessary to continue their studies with a high degree of independence.

The essential objective of the Master's Degree in Architecture is:

- To complete the training process in order to undertake the professional practice of architecture and town planning.