

ACADEMIC YEAR 2022-2023

Bachelor's Degree in Architecture

Institute of Technology



ACADEMIC YEAR 2022-2023

Academic Offer

Architecture

Bachelor's Degree:

ARCHITECTURE

✓ Spanish

✓ English

English: All credit units are taught in English

All Bachelor's Degrees of the Institute of Technology are eligible for completion along with the Proprietary Master's Degree in Virtual Reality with PlayStation.



Study Plan

BACHELOR'S DEGREE

Architecture

+ Proprietary Master's Degree in Virtual Reality with PlayStation

LANGUAGE OPTIONS:

✓ Spanish ✓ English

English: All credit units are taught in English.

Objectives:

Encouraging creative thinking and having students learn about key fields of the industry, including graphic design, sustainability, urban planning, building techniques, infrastructure and installations, as part of a program accredited by the National Architectural Accrediting Board (NAAB).*

Preparing students for the international market.

Offering proprietary specializations.

The degree is accredited in Spain and is the European equivalent of a Master's Degree. Therefore, graduates can go straight into a Doctorate Degree.

**Universidad CEU San Pablo has received the International Certification designation from the National Architectural Accrediting Board for the following professional degree program: "Degree in Architecture - 2015"*

Virtual Reality with PlayStation:

This Bachelor's Degree is eligible for supplementation with the Proprietary Master's Degree in Virtual Reality with PlayStation.

Diseño de Interiores:

This Bachelor's Degree is eligible for supplementation with the Proprietary Master's Degree in Interior Design.

Career Prospects:

- Design, monitoring and management of building projects.
- Design, monitoring and management of urban planning projects.
- Restoration, rehabilitation, maintenance of building and urban projects.
- Management of construction companies and real estate agencies.
- Management of historical heritage restoration and rehabilitation.
- Interior, industrial, and graphic design and digital fabrication.
- Urban, infrastructure and equipment planning and management.
- Inspections and technical assistance in building and urban development (architectural building, building infrastructure and installations, energy assessment and improvement, building sustainability, etc.).
- Real estate management.
- Legal architecture and expert consulting.
- Building and public construction safety and health.
- Landscape architecture and the environment.
- Architectural graphic design.
- Virtual architecture.

Study Plan:

FIRST YEAR		SECOND YEAR		THIRD YEAR	
Architectural Forms Analysis I	6	Architectural Desing I	6	Architectural Desing III	6
Descriptive Geometry I	6	Solid Mechanics	6	Structural Analysis I	3
Fundamentals of Mathematics in Architecture I	3	Urban Theory I	3	Building Construction I	6
Fundamentals of Physics in Architecture I	3	History of Architecture I	3	Urban Design I	3
Introduction to Architecture	6	Fundamentals of Mathematics in Architecture III	6	Environmental Systems	6
Key Aspects of Contemporary History and Literature	6	Architectural Desing II	6	Social Doctrine of the Catholic Church	6
Architectural Forms Analysis II	6	Architectural Drawing II	6	Architectural Desing IV	6
Descriptive Geometry II	6	Building Construction Materials	6	Structural Analysis II	3
Architectural Drawing I	6	Urban Theory II	3	Building Construction II	6
Fundamentals of Mathematics in Architecture II	3	History of Architecture II	6	Urban Design II	3
Fundamentals of Physics in Architecture II	3	Structural Systems	6	Electrical and Lighting Systems	6
Architecture and Society	6	Drawing and Geometry	3	History of Architecture III	6
TOTAL ECTS	60	TOTAL ECTS	60	TOTAL ECTS	60
FOURTH YEAR		FIFTH YEAR		*Electives:	
Architectural Desing V	6	Architectural Desing VII	6	Life Drawing	3
Dimensioning of Structures I	3	Foundations	3	Architectural and Urban Mapping	3
History of Architecture IV	3	City and Territorial Planning I	3	Restoration Theory and Techniques	3
Urban Planning II	3	Building Construction Design: Prototypes	6	New Building Construction Materials	3
Mechanical Systems	6	Legal Architecture	3	Advanced Structural Analysis	3
Building Construction Analysis	6	Architectural Innovation Workshop	6	Advanced Structural Desing	3
Ethics	3	Elective II	3	Acoustics in Architecture	3
Architectural Desing VI	6	Architectural Desing VIII	6	Biodclimate Architecture Workshop	3
Dimensioning of Structures II	3	Deontology	3	Landscape Architecture	3
Architectural Composition	6	City and Territorial Planning II	3	Urbanism and Contemporary City	3
Urban Planning II	3	Design of Environmental and Mechanical Systems	6	Industrial Design	3
Building Construction Design: Assembly	3	Design of Building Structures	6	Ephemeral Architecture	3
Professional Practice	6	Electives III	3	Internship I	3
Elective I	3	Electives IV	3	Internship II	3
TOTAL ECTS	60	TOTAL ECTS	60	(Students must complete only 4)	

Final Thesis Project: 30 ECTS

ECTS: European Credit Transfer and Accumulation System.



Student Admissions Office

Julián Romea, 18 - 28003 - Madrid | Ph.: +34 91 514 04 04
info.usp@ceu.es | info.posgrado@ceu.es

www.uspceu.com

 @uspceu  universidad_ceu_sanpablo  @uspceu  Universidad CEU San Pablo

CEU is a work of the *Asociación Católica de Propagandistas* (Catholic Association of Propagandists)