

Guia docent (versió treball)

290636 - TAPIX14 - Taller d'Arquitectura i Projectes IX

Última modificació: 23/07/2025

Unitat responsable: Escola Tècnica Superior d'Arquitectura del Vallès
Unitat que imparteix: 735 - PA - Departament de Projectes Arquitectònics.
753 - TA - Departament de Tecnologia de l'Arquitectura.

Titulació: GRAU EN ESTUDIS D'ARQUITECTURA (Pla 2014). (Assignatura obligatòria).

Curs: 2025 **Crèdits ECTS:** 12.0 **Idiomes:** Anglès

PROFESSORAT

Professorat responsable: Dr Enric Massip-Bosch

Altres: Dr Pablo Garrido Torres

CAPACITATS PRÈVIES

BCN+ STUDIO is an advanced Architectural Design course exploring the relationships between Form & Technique. It is open both to ETSAV and foreign students and fosters cultural interchange. A sufficient level of English is indispensable. One of the goals of BCN+ STUDIO is to help improve students' Professional English skills.

It is strongly recommended that students wanting to join BCN+ have well-developed capabilities of architectural+urban representation and diagramming since part of the STUDIO will map situations in diverse formats.

Familiarity with technological issues related to architecture (sustainability, construction, structure) is required since one of the main goals of BCN+ STUDIO is to integrate technical reasoning and evaluation into the design process.

REQUISITS

BCN+ STUDIO

It is required that students wanting to join BCN+ have fully passed at least the first six semesters of their studies.

Please send a short CV and a 1A4 Motivation Letter stating your interest in joining BCN+ to Enric Masip (enric.masip@upc.edu) when applying for enrolment

COMPETÈNCIES DE LA TITULACIÓ A LES QUALS CONTRIBUEIX L'ASSIGNATURA

Específiques:

EP4G. Capacitat per a la concepció, la pràctica i el desenvolupament de projectes bàsics i d'execució, croquis i avantprojectes (T).

EP20G. Coneixement adequat de les tradicions arquitectòniques, urbanístiques i paisatgístiques de la cultura occidental, així com dels seus fonaments tècnics, climàtics, econòmics, socials i ideològics.

ET6G. Capacitat per concebre, calcular, dissenyar, integrar en edificis i conjunts urbans i executar estructures d'edificació (T).

EP22G. Coneixement adequat de la relació entre els patrons culturals i les responsabilitats socials de l'arquitecte.

ET8G. Capacitat per concebre, calcular, dissenyar, integrar en edificis i conjunts urbans i executar sistemes de tancament, coberta i altra obra gruixuda (T).

ET7G. Capacitat per concebre, calcular, dissenyar, integrar en edificis i conjunts urbans i executar sistemes de divisió interior, fusteria, escales i altra obra acabada (T).

ET1G. Aptitud per concebre, calcular, dissenyar i integrar en edificis i conjunts urbans i executar solucions de fonamentació (T).

EP1G. Aptitud per suprimir barreres arquitectòniques (T).

EP7G. Capacitat per elaborar programes funcionals d'edificis i espais urbans (T).

Genèriques:

CE1. Aptitud para crear proyectos arquitectónicos que satisfagan a la vez las exigencias estéticas y técnicas

CE8. Comprensión de los problemas de la concepción estructural, de construcción y de ingeniería vinculados con los proyectos de edificios.

CE10. Capacidad de concepción necesaria para satisfacer los requisitos de los usuarios del edificio respetando los límites impuestos por los factores presupuestarios y la normativa sobre construcción.

METODOLOGIES DOCENTS

We believe that the main role of a project is to raise the relevant questions, rather than to give an answer to preconceived demands. It is in tune with this spirit that BCN+ STUDIO encourages that each student investigates, discusses, elaborates, and defines her/his own targets as part of the design process. Fundamental elements of each proposal, such as specific areas to work in, programs to be developed, number of residential units, etc., are considered a crucial part of the student's contribution and will be discussed and defined collectively in the Studio.

OBJECTIUS D'APRENTATGE DE L'ASSIGNATURA

BCN+ STUDIO focuses on the possibilities of technique –that is, technical thinking as opposed to mere technological applications– to become an instrument of design in order to accommodate new social necessities and to address current social crises: ecological, economic, political. It takes Barcelona as a paradigm of an ever-changing urban environment, and works with the confidence that architecture can, and must, change the world for the better. Always with a critically-minded regard, issues such as the role of the architect in contemporary societies, the received concept of heritage, the greenification of the city or the necessity for urban transformation inclusive of lifestyles expressed in different forms, to name but a few, will be dealt with in the studio as conveyors for the discussions about design-thinking.

HORES TOTALS DE DEDICACIÓ DE L'ESTUDIANTAT

Tipus	Hores	Percentatge
Hores grup gran	20,0	6.67
Hores grup petit	112,0	37.33
Hores aprenentatge autònom	168,0	56.00

Dedicació total: 300 h

CONTINGUTS

BCN+ STUDIO

Descripció:

See Syllabus

BCN+ STUDIO insists in the necessity of a non-linear thinking of architectural design. That is, in the necessity of integrating from the beginning the different scales that a project needs to address in order to fulfill its purpose. To do that, BCN+ students will generate what we call a Canonical Drawing that will define at a 1/20 scale a fragment of the project without needing to have the whole project established.

The Canonical Drawing is central to BCN+ STUDIO and embodies its focus on the relationship between Form, Technique and Use. It allows the student to control, and express, the visible result (elevation) with the way it is used (plan) and the way it is built (section). It also should be understood as a fragment capable of conveying the full qualities of the overall proposal, in a similar fashion as a seed or a cell carry the completeness of their living organisms.

Objectius específics:

Achieve a complex professional profile, incorporating technical, social, and urban reflection in architectural design.

Be capable of reading the city, its citizens, its history, its frustrations, and its possibilities.

Be ready to provide better alternatives than the ones currently circulating.

Activitats vinculades:

On-site visits.

Theoretical lessons.

Guest lectures.

Dedicació: 132h

Grup gran/Teoria: 19h 40m

Grup petit/Laboratori: 112h 20m

SISTEMA DE QUALIFICACIÓ

BCN+ STUDIO is a core subject of 12 ECTS. It has a single final grade given individually at the end of the semester as a result of a continuous assessment of the progression of each student, marked by the Submissions and Mid-reviews defined in the calendar.

In order to qualify for a final grade, a minimum of 80% of class-hours attendance (maximum 3 absences), as well as due following of teaching objectives and course submissions, are compulsory.

Proactive participation in the studio's discussions, contribution of references and contemporary issues, high aims in the design proposal, and hard work are all key aspects of the development of the course, and will be considered as important indicators for the final evaluation of each student.

BIBLIOGRAFIA

Complementària:

- Massip, Enric. "Diagonal ZeroZero: forma y técnica". Palimpsesto [en línia]. Primavera 2020, núm. 21, p. 9 [Consulta: 05/11/2020]. Disponible a: <http://hdl.handle.net/2117/192514>. - Deep skin : learning architecture + technology. Girona: Fundació Aluminix, 2018. ISBN 9788409017089.

- TC Cuadernos, EMBA- Enric Massip Arquitectura 2005-2015. Valencia: Ediciones Generales de la Construcción, 2015.

RECURSOS

Altres recursos:

The course provides an on-line service to gather information, offer documentation, and upload all presentations, based on UPC's Google Drive system. A selected primary bibliography, as well as basic drawing and photographic information, can be found in the Studio's folder