



# Guia docent

## 290636 - TAPIX14 - Taller d'Arquitectura i Projectes IX

Última modificació: 05/07/2024

**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:** 2024      **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 Gemma Masip (gemma.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. Comprensi3n de los problemas de la concepci3n estructural, de construcci3n y de ingenierí3a vinculados con los proyectos de edificios.

CE10. Capacidad de concepci3n necesaria para satisfacer los requisitos de los usuarios del edificio respetando los l3mites impuestos por los factores presupuestarios y la normativa sobre construcci3n.

## METODOLOGIES DOCENTS

---

BCN+ STUDIO understands Architectural Design learning & thinking in its complexity, following the tradition of ETSAV Studios. A project has to be thought from several perspectives at the same time in order to be capable of arising the correct questions to address. These perspectives Enric Massip-Bosch summarizes as "The New Triad": City, Type & Technique, which adds to the Vitruvian Triad of Firmitas, Utilitas and Venustas. In order to facilitate this complex thinking, BCN+ STUDIO combines the Architecture Design Department with the Technology Department to foster a thorough reflection on the contemporary condition of architecture.

## OBJECTIUS D'APRENENTATGE DE L'ASSIGNATURA

---

BCN+ STUDIO aims at understanding the possibilities of technique to build & transform architecture and the city in order to accommodate new social necessities and to address current ecological, economic, and political crises.

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 perspective, 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 density and its different forms, to name but a few, will be dealt with in the studio as the general frame for the discussions.

We believe that the main role of a project is to raise the relevant questions, more than to give an answer. It is in tune with this spirit that BCN+ STUDIO will investigate, discuss, elaborate, and propose its own targets every semester as part of the design process.

Barcelona, like any dynamic city, is constantly, inadvertently, mutating. And not always for the better. Let's try to imagine how it will be in 10 years' time, and be part of the solution for its beneficial transformation.

## HORES TOTS DE DEDICACI3N DE L'ESTUDIANTAT

---

Tipus	Hores	Percentatge
Hores grup gran	20,0	6.67
Hores grup petit	112,0	37.33
Hores aprenentatge aut3nom	168,0	56.00

**Dedicaci3n total:** 300 h



## CONTINGUTS

---

### BCN+ STUDIO

**Descripció:**

BCN+ STUDIO aims at predicting possible directions in which several parts of the Metropolitan Area of Barcelona will develop in 10 years' time, and imagines how it can be critically transformed:

Incorporating derelict areas; imagining high-rise extensions; encouraging low-rise, high-density neighborhoods; superimposing programs and activities; reevaluating the very idea of heritage; incorporating biological complexity; stating new life-styles for diverse communities; using technology both high and low, and always wisely.

In the last semesters, including 2023-24 spring & summer semesters, we've focused our attention in the transformation of Poble Espanyol, inoculation new lifestyles and activities to incorporate this touristy destination in the urban continuum of Barcelona.

**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 that has a single final grade as a result of a continuous assessment of the students' progression, guided by intermediate deliveries defined in the calendar. Proactive participation in the studio and due following of teaching objectives and course deliveries are considered important indicators in the final evaluation. In order to obtain a final grade, attendance will be required for at least 80% of the class hours (maximum 3 absences).

## 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 Aluminux, 2018. ISBN 9788409017089.

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