



## Course guide

# 210308 - RREEU - Recovery and Reprogramming of Obsolete Buildings and Urban Environments

Last modified: 16/02/2024

**Unit in charge:** Barcelona School of Architecture

**Teaching unit:** 735 - PA - Department of Architectural Design.

**Degree:** DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).

**Academic year:** 2023    **ECTS Credits:** 3.0    **Languages:** Catalan, Spanish

## LECTURER

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**Coordinating lecturer:** IGNACIO LÓPEZ ALONSO

**Others:** Segon quadrimestre:  
IGNACIO LÓPEZ ALONSO - Grup: 2SM

## PRIOR SKILLS

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It is necessary to have passed the second year and be willing to learn.

## REQUIREMENTS

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It is necessary to have passed the second year.

## DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

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### Specific:

- EP1. Translation from Spanish slope
- EP15. Translation from Spanish slope
- EP16. Translation from Spanish slope
- EP18. Translation from Spanish slope
- EP19. Translation from Spanish slope
- EP21. Translation from Spanish slope
- EP3. Translation from Spanish slope
- EP4. Translation from Spanish slope
- EP7. Translation from Spanish slope
- EP8. Translation from Spanish slope

### Transversal:

- CT3. Translation from Spanish slope
- CT5. Translation from Spanish slope



## TEACHING METHODOLOGY

The subject is based on the reuse and reprogramming of buildings, as well as the recovery of abandoned places, through new buildings or broader proposals and their influence on urban and territorial renewal; considering these as a fundamental aspect in sustainability and ecology.

We will focus on the study of several practical cases (Small Scale: Transformation of homes in the different real estate platforms, Intermediate scale: representative architecture competitions for the city of Barcelona to date, Large Scale: recovery of deprogrammed buildings in the port of Mahón ), focusing on the selection of the most important variables involved and on the proposal for the re-use of buildings and the modification of their surroundings.

The study resources most used by architects, the analysis of information obtained through images and graphic information, will become our reading board. The works will teach to look carefully and actively, reproductively and critically, and, above all, to modify and propose viable solutions for the improvement of living and architectural conditions. It is intended to turn the examples into suggestions and models.

## LEARNING OBJECTIVES OF THE SUBJECT

La arquitectura está preparada para resolver conflictos complejos desde múltiples puntos de vista. Un buen proyecto, desde la pequeña escala hasta el ámbito del espacio público, puede (y hoy, inevitablemente, debe) introducir la economía circular y la sostenibilidad como base. Reducir el respeto por la ecología, exclusivamente, a las cuestiones climáticas, minimiza su esencia, quitando gran parte de su razón de ser.

Una de las principales características diferenciales de la formación del arquitecto es resolver el diálogo con el entorno, mezclando las variables necesarias para transformar cualquier tipo de contexto, proponiendo alternativas válidas e innovadoras, coordinando conocimientos y equipos multidisciplinares.

Necesitamos buscar nuevos modelos. Las políticas de arquitectura y diseño y desarrollo urbano están directamente involucradas en esto. Tenemos que modificar y "reciclar" los patrones del pasado. Esto no tiene por qué suceder desde la ruptura, sino desde el uso y corrección de nuestra herencia para mejorarla, utilizando la técnica y las herramientas de diseño más avanzadas a nuestra disposición.

Esta asignatura busca combinar la ecología y el proyecto, el progreso y la arquitectura, la planificación y el desarrollo sostenible, desde el estado inicial hasta el final del proceso de diseño, considerando la mayoría de los agentes que intervienen en el proceso.

Las intervenciones en edificios desprogramados y contextos urbanos consolidados, en continua evolución, serán la esencia de nuestro estudio.

Por tanto, la asignatura se basa en:

Comprender las estrategias del proyecto orientadas al uso de edificios y entornos obsoletos.

Intervenir proactivamente en la mejora de estos edificios y entornos, proyectando sus cambios.

Ofrecer las herramientas instrumentales de la especialidad del proyecto arquitectónico en los casos de intervención en la obra construida, para que puedan ser utilizadas en su futura labor como arquitectos.

## STUDY LOAD

Type	Hours	Percentage
Self study	42,0	56.00
Hours large group	33,0	44.00

**Total learning time:** 75 h

## CONTENTS

### title english

#### Description:

**Full-or-part-time:** 75h

Theory classes: 33h

Self study : 42h



## GRADING SYSTEM

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The course is structured alternating theoretical classes with critical work correction sessions, the latter being key to the proper development of the course.

Simultaneously, a series of assignments will be carried out by the students, preferably in groups or individually in exceptional cases (to be defined in class, depending on the number of participants).

Class attendance and participation is essential.

### Continuous assessment

Continuous assessment will be based on the work carried out by the student during the academic year, through the submission of assignments or the performance of written and/or oral tests, according to the criteria and timetable established.

### Final assessment

If the continuous assessment is not positive, a second assessment may be carried out, which will consist of a final overall test in the established methodology according to the criteria of the lecturer in charge (written or oral test and/or submission of assignments).

### Telematic continuous assessment

In online teaching situations, continuous assessment will be carried out synchronously and asynchronously, by the methods established by the University and the School, with a periodic record of academic activity by submitting assignments, forums, questionnaires or any other means provided by the Atenea platform, or the alternative tools provided to the teaching staff. In situations in which this telematic teaching takes place when face-to-face teaching has already begun, or for non-academic reasons, any alterations to the weightings or regular teaching control systems will be communicated in detail to all students on the Atenea platform for every subject.

### Final telematic assessment

If the continuous telematic assessment is not positive, a second assessment may be carried out consisting of a final overall test in telematic format to be established in accordance with the criteria of the lecturers in charge and the ICT resources and tools provided by the University or the School.

The measures for adapting to distance teaching will be implemented in accordance with ICT security and personal data protection criteria to ensure compliance as regards Personal Data Protection legislation (RGPD and LOPDGDD).

## BIBLIOGRAPHY

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### Basic:

- García Huidobro, Fernando; Torres Torriti, Diego; Tugas, Nicolás. *iEl tiempo construye!* [on line]. Barcelona: Editorial Gustavo Gili, 2008 [Consultation: 13/07/2021]. Available on: <https://elibro.net/ereader/upcatalunya/45533>. ISBN 9788425226588.
- Monteys, Xavier; Mària i Serrano, Magdalena; Fuertes [et. al]. *Atlas del aprovechamiento arquitectónico : estudio crítico de los edificios reutilizados en Barcelona*. Barcelona: Habitar Grupo de investigación : UPC, Departament de Projectes Arquitectònics, octubre 2018. ISBN 9788494846601.
- Capitel, Antón. *Metamorfosis de monumentos y teorías de la restauración*. 2ª ed. rev. i ampl. Madrid: Alianza Editorial, 2009. ISBN 8420653608.
- Cities X lines : a new lens for the urbanistic project = Ciudades x formas : una nueva mirada hacia el proyecto urbanístico. [Rovereto]: Nicolodi, cop. 2006. ISBN 8884472946.
- Rowe, Colin; Koetter, Fred. *Ciudad collage*. Barcelona: Gustavo Gili, 1998. ISBN 9788425217463.

## RESOURCES

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### Other resources:

The materials and documents of the subject may be written indistinctly in any languages of instruction.