



## Course guide

### 290259 - VIBRA1 - Local Action 1

**Last modified:** 11/07/2024

**Unit in charge:** Vallès School of Architecture  
**Teaching unit:** 735 - PA - Department of Architectural Design.  
**Degree:** DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).  
**Academic year:** 2024    **ECTS Credits:** 6.0    **Languages:** Catalan

#### LECTURER

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**Coordinating lecturer:** Pere Fuertes Pérez  
**Others:** Martí Obiols Galí

#### PRIOR SKILLS

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Not needed

#### TEACHING METHODOLOGY

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Before the course begins, the first two dwellings and the corresponding façade will be completed and, as a result, students will have to agree on the conditions for continuing or introducing changes in the rest of the construction phases, as well as the format and degree of concentration of the course, depending on the expectations for the construction of the prototype in Agramunt.

The specific methodologies will be:

- Learning-by-doing
- Do-it-yourself
- Decision-making on themes, objectives and procedures.
- Design and debate on the project
- Construction of the project with own resources

#### LEARNING OBJECTIVES OF THE SUBJECT

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Reviu is the continuation of VIBRA, with a completely new team of students, who will intervene in the half of the Barracks that has not yet been designed or rehabilitated. It's a completely new opportunity to do what interests you.

The methodology remains the same where a group of students want to strengthen learning through real self-construction and autonomy.

In the autumn, work will be done on the project and drafting of the basic and pre-executive project for the rehabilitation of half of the Agramunt barracks to turn it into public housing for the town hall. Construction of the project will be in the spring/summer of 2025.



## CONTENTS

### Contents

#### Description:

- Depopulation of the rural Catalonia
- Rehabilitation of concrete structure buildings and factories from the 1960s
- Social housing
- Project management
- Drafting of executive project
- Understanding and performing manual construction tasks as a carpenter/ mason/ painter

#### Full-or-part-time: 60h

Theory classes: 20h

Practical classes: 20h

Laboratory classes: 20h

## GRADING SYSTEM

Genuine continuous evaluation of all the activities developed during the course by each student. Cross self-evaluation in which team members themselves will evaluate their peers. Continuous attendance during the course is essential.

## BIBLIOGRAPHY

#### Basic:

- Browning, William D.. Nature inside : a biophilic design guide. London: RIBA Publishing, 2021. ISBN 9781859469033.
- Zumthor, Peter. Atmósferas : entornos arquitectónicos, las cosas a mi alrededor. Barcelona: Gustavo Gili, cop. 2006. ISBN 9788425221170.
- Silvestre i Fortea, Elisabet. Vivir sin tóxicos. Barcelona: RBA Integral, 2022. ISBN 9788491182221.
- Aalto, Alvar. La Humanización de la arquitectura. 2a ed. Barcelona: Tusquets, 1982. ISBN 8472235815.
- Kahn, Louis I.. Silence and light : the master's voice in the lecture for students at the department of architecture of the Eidgenössische Technische Hochschule ETH) Zurich (Swiss Federal Institute of Technology), February 12, 1969, Auditorium Maximum, ETH Zurich. Zurich: Park Books, 2013. ISBN 9783906027180.
- Mombiedro, Ana. Neuroarquitectura : aprendiendo a través del espacio. Madrid: Ediciones Khaf, 2022. ISBN 9788415995548.
- Deplazes, Andrea. Construir la arquitectura : del material en bruto al edificio : un manual. Barcelona: Gustavo Gili, 2010. ISBN 9788425223518.
- Chinchilla, Izaskun. La Ciudad de los cuidados : salud, economía y medioambiente [on line]. Madrid: Catarata, 2020 [Consultation: 18/09/2024]. Available on : [https://discovery.upc.edu/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=11098416940006711&institutionId=6711&customerId=6705&VE=true](https://discovery.upc.edu/view/action/uresolver.do?operation=resolveService&package_service_id=11098416940006711&institutionId=6711&customerId=6705&VE=true). ISBN 9788413520872.
- Solanas, Toni; Calatayud, Dani; Claret, Coque. 34Kg de CO2. Barcelona: Generalitat de Catalunya, Departament de Medi Ambient i Habitatge, 2009.
- Steel, Carolyn. Ciudades hambrientas : cómo el alimento moldea nuestras vidas. Madrid: Capitán Swing Libros, 2020. ISBN 9788412135442.