

Course guide

290259 - VIBRA1 - Local Action 1

Last modified: 25/07/2023

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: 2023 **ECTS Credits:** 6.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: Pere Fuertes Pérez
Others: Martí Obiols Galí

PRIOR SKILLS

Not needed

TEACHING METHODOLOGY

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

The course is conceived as a continuation and reformulation of the 'Vibra' project, a proposal created by a team of students who wish to strengthen learning through real self-construction and autonomy in decision-making.

In this second edition of the course, the aim is to form a new team where students have the capacity to decide what to do with the 'Vibra' project and its materialisation. It is, therefore, an elective course with an open objective that will need to be defined in the first weeks: What is to be done to continue/ complete the building in transformation? Do students want to continue setting up the project as planned? Do they want to revisit the design process and modify the project? On what schedule? 1 year, 1.5 years, 2 years? These questions and objectives, and many more, are what students participating in the course will have to address to themselves.

'Vibra-local action' is a project that requires intense involvement on the part of the students.

The specific objectives can be summarised as follows:

- The complexity of transferring the project to real execution
- Designing to build with one's own hands
- Working in a large and diverse team



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:

- Solanas, Toni; Calatayud, Dani; Claret, Coque. 34Kg de CO2. Barcelona : Generalitat de Catalunya, 2009.
- Steel, Carolyn. Ciudades hambrientas : cómo el alimento moldea nuestras vidas . Madrid : Capitán Swing Libros, 2020. ISBN 9788412135442.
- Silvestre, Elisabet. Vivir sin tóxicos. RBA Integral, 2014. ISBN 978-8491182221.
- Browning, William D; Ryan, Catherine O. Nature inside : a biophilic design guide . London : RIBA Publishing, 2021. ISBN 978-1859469033.
- Aalto, Alvar. La Humanización de la arquitectura . 2a ed. Barcelona : Tusquets, 1982. ISBN 9788472235816.
- Zumthor, Peter. Atmósferas : entornos arquitectónicos, las cosas a mi alrededor . Barcelona : Gustavo Gili, cop. 2006. ISBN 9788425221170.
- Kahn, Louis I. Silence and light. Zurich : Park Books, 2013. ISBN 9783906027180.
- Chinchilla, Izaskun. La Ciudad de los cuidados : salud, economía y medioambiente. Madrid : Los Libros de la Catarata, 2020. ISBN 9788413520872.
- Mombiedro, Ana; Herrera, Aurora. Neuroarquitectura : aprendiendo a través del espacio . Madrid : Ediciones Khaf, [2022]. ISBN 9788415995548.
- Deplazes, Andrea. Construir la arquitectura : del material en bruto al edificio. Barcelona : Gustavo Gili, 2010. ISBN 9788425223518.