



Course guide

290265 - VIBRA2 - Local Action 2

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:** 3.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: Fuertes Perez, Pere

Others: Obiols, Martí

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

ET2G. An aptitude for applying technical and building standards.

ET5G. An aptitude for assessing works.

ET14G. Adequate knowledge of conventional construction systems and their pathology.

ET21G. Knowledge of health and safety design for works.

EP2G. An aptitude for solving passive environmental conditioning, including thermal and acoustic insulation, climate control, energy performance and natural lighting (T).

EP8G. The ability to intervene in and conserve, restore and rehabilitate built heritage (T).

EP18G. Adequate knowledge of methods for studying social needs, quality of life, habitability and basic housing programmes.

EP19G. Adequate knowledge of ecology, sustainability and the principles of conservation of energy resources and environmental resources.

EP26G. Knowledge of civil, administrative, urban planning, building construction and industrial regulations pertaining to professional practice.

Transversal:

CT1. ENTREPRENEURSHIP AND INNOVATION: To get knowledge on the processes scientific research is based on, as well as the methods used to transfer results among the several stakeholders involved in R+D.

CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: To understand the complexity of economic and social phenomena of welfare societies; to be able to relate wellbeing with globalization and sustainability; to achieve skills for a balanced and compatible use of technology, economy and sustainability.

CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

TEACHING METHODOLOGY

- Learning by doing
- Do it yourself
- Students choose the topic, objectives, procedure...
- Design and discuss the project
- Build what is projected by themselves



LEARNING OBJECTIVES OF THE SUBJECT

In the subject Local Action II is the continuation of Local Action I, and still the last term where the project and drafting of the executive project for the rehabilitation of a building in Agramunt to convert it into public housing for the town hall.

The project is annual and will end in the spring/summer of 2023 with the assembly of a prototype.

This project was born from a group of students who want to strengthen learning through real self-construction and autonomy and has been consolidated as a VIBRA team. Be part of the team and the project requires intense dedication and assistance from the participating students.

Learning objectives of the subject

- The complexity of moving the project to actual execution
- Build with your own hands
- Work in a large and diverse team

CONTENTS

Content

Description:

- Depopulation of the interior of Catalonia
- Rehabilitation of concrete structure buildings and factories from the 1960s
- Social housing
- Project management
- Writing executive project
- Manual construction by carpenter/mason/painter

Full-or-part-time: 30h

Theory classes: 10h

Practical classes: 10h

Laboratory classes: 10h

GRADING SYSTEM

The evaluation of this subject will be a self-cross evaluation where the team members themselves will evaluate their colleagues. Attendance is essential.

BIBLIOGRAPHY

Basic:

- Pallasmaa, Juhani. Los Ojos de la piel : la arquitectura y los sentidos. Barcelona: Gustavo Gili, 2006. ISBN 9788425221354.
- Browning, William D., Ryan, Catherine O. Nature inside: A biophilic design guide. London: RIBA Publishing, 2021. ISBN 9781859469033.