PROGRAMME OF CURRICULAR UNIT

LABORATÓRIO DE PROJETO III

GOALS

To consolidate design practices that shall allow sustained intervention in real conditions as well as the development of architectural objects of intermediate complexity, taking into consideration cultural information on the domain of architecture, specific information pertaining to the site, programmatic guidelines and disciplinary know-how.

This unit’s approach to the project acknowledges that design know-how is grounded in the permanent and critical assessment of its hypothesis, as a central element of decision-making. Thinking and making in a continuous and dynamic way are inherent steps of the architectural design process.

PROGRAMMATIC CONTENTS

The syllabus is structured through a number of analytical and design exercises developed in relation with the generic theme of housing, supported by a set of speculative, reflective and informative lectures and readings.

The theme focuses on the process of design through two exercises focused on housing issues - in the broader sense of habitat - urban space and domestic space, considering the current debate on housing requirements.

Thematic development includes issues such as: composition / server space and served space; functional space and visual space; equipment and furniture; design context / comfort; structure and distribution; transition spaces; hybrid space; flexibility and adaptability; accessibility and outside space; materiality and language; unit and aggregation; design process.

The work and reflection on the design process unfolds in the following exercises:

Exercise **1** – EXAMPLES ON COLLECTIVE HOUSING [CRITICAL READING]:

Analysis of examples of collective housing buildings, providing skills to critically understand architecture - urban structuring, organization and composition of the building and houses, through observation and representation;

Exercise **2** - COLLECTIVE SENSE OF LIVING, urban and architectural project for collective housing, with commerce, services and parking: project of a multifunctional building complex, with emphasis on collective housing, integrating structural and infrastructure studies on an idea of ​​architecture.

COMPETENCIES TO BE ACQUIRED BY THE STUDENTS

Following the 1st semester, are skills to be acquired: Developing the consciousness and the tools necessary for carrying on the project; Developing the capacity to adjust functions and spaces to qualified living environments; Developing collective housing as a system of repetition; Developing housing as an urban function and system.

BIBLIOGRAPHY

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DI MARI, Anthony – Conditional Design, BIS Publishers, 2019

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FRENCH, Hilary – Key Urban Housing of the Twentieth Century, 2008

HABITAR, grupo de investigação - REhabitar em Nove Episódios , 2010

HABRAKEN, J., El diseño de soportes, Editorial Gustavo Gili, 1984;

KREBS, Jan, Design and living, Birkhäuser, 2007;

LEUPEN, Bernard, MOOIJ, Harald – Housing Design, a Manual, 2011

MONTEY, Xavier, e FUERTES, Pere, Casa Collage, Un ensayo sobre la arquitectura de la casa, Editorial Gustavo Gili, 2001;

OANERO, Julius e ZELNIK, Martin, Las dimensiones Humanas en los espacios interiores. Estándares antropométricos, Gustavo Gili, 1979;

VÁRIOS, Aprendiendo de todas sus casas, Edicions UPC, 1996; VÁRIOS, Introducción a la arquitecura. Conceptos fundamentales, Edicions UPC, 2000.

EVALUATION

Besides the FA Evaluation Rules in force, all aspects of student's participation throughout the semester, in practical and theoretical exercises, in class discussions and other contributions to the development of the work, individually or in group, will be taken in consideration.

Assessment parameters are specified in the program of each exercise.

This continuous, daily, assessment is complemented through the public presentation and assessment of the semester’s work.

Exercise 1 – 10%

Exercise 2 – 80%

Participation, Attendance, Class performance – 10%

Lisboa, Fevereiro de 2021