Course guide
290624 - URBAII14 - City and Residential Project

Unit in charge: Vallès School of Architecture
Teaching unit: 740 - UOT - Department of Urbanism and Regional Planning.

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

Academic year: 2022   ECTS Credits: 5.0   Languages: Catalan, Spanish

LECTURER

Coordinating lecturer: JOAN MORENO SANZ
Aquilué Junyent, Inés

Others: Primer quadrimestre:
INÉS AQUILUÉ JUNYENT - 1, LAURE

Segon quadrimestre:
INÉS AQUILUÉ JUNYENT - 1, CAMIN
JOAN MORENO SANZ - 1, CAMIN

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
EAB6G. Adequate knowledge of graphic surveying techniques at all stages, from sketching to scientific restitution, applied to architecture and urbanism.
EP1G. An aptitude for removing architectural barriers (T).
EP5G. The ability to conceive, execute and develop urban design (T).
EP7G. The ability to design functional programmes for buildings and urban spaces (T).
EP13G. The ability to apply urban design regulations and ordinances (T).
EP18G. Adequate knowledge of methods for studying social needs, quality of life, habitability and basic housing programmes.
EP20G. Adequate knowledge of architectural, urban planning and landscaping traditions in Western culture, as well as their technical, climatic, economic, social and ideological foundations.

Generical:
CG3G. Knowledge of urbanism and the techniques that are applied in the planning process.
CG7G. An understanding of the relationship between people and buildings, and between buildings and their environment, and the necessity of relating buildings to the spaces between them in view of needs and human scale.
CG1G. Knowledge of the history of architecture and architectural theories, as well as the arts, technological and human sciences associated with architecture.

Transversal:
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.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT
STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Hours large group</td>
<td>27,5</td>
<td>22.00</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>27,5</td>
<td>22.00</td>
</tr>
<tr>
<td>Self study</td>
<td>70,0</td>
<td>56.00</td>
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</tbody>
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Total learning time: 125 h

CONTENTS

CITY & HOUSING

Description:
The development of the course is divided into three large theoretical and practical packs.
1- Focused on the theories and urban and territorial methods of the early twentieth century, particularly the "Garden City" and low-density projects, we will follow their evolution and implications in the formation of the city and the urban systems of 20th-century cities.
On a practical level, the analytical part of the exercise will be developed, where the main objective is the knowledge of the territorial and urban framework of a concrete residential project and to analyze its environmental and parametric components.
2- Focused on the theories of "CIAM" we will follow its evolution as projects and in its influence on the formation and transformation of cities.
Here the practice focuses on the definition of urban planning instruments, in particular the layout and the ordinance.
3- Temporarily focused on residential projects from the late twentieth century and early twenty-first century to today, we will analyze recent residential projects, where conditions of environmental sustainability take center stage.
As a conclusion of the course, the last exercise consists of a proposal of ordination with application of parameters and ordinances previously defined by the students themselves.

Specific objectives:

Related competencies:
CG7G. An understanding of the relationship between people and buildings, and between buildings and their environment, and the necessity of relating buildings to the spaces between them in view of needs and human scale.
CG3G. Knowledge of urbanism and the techniques that are applied in the planning process.
EP13G. The ability to apply urban design regulations and ordinances (T).
EP1G. An aptitude for removing architectural barriers (T).
EP7G. The ability to design functional programmes for buildings and urban spaces (T).
EP5G. The ability to conceive, execute and develop urban design (T).
EP18G. Adequate knowledge of methods for studying social needs, quality of life, habitability and basic housing programmes.
EP20G. Adequate knowledge of architectural, urban planning and landscaping traditions in Western culture, as well as their technical, climatic, economic, social and ideological foundations.

Full-or-part-time: 55h
Theory classes: 27h 30m
Practical classes: 27h 30m

GRADING SYSTEM

BIBLIOGRAPHY

Basic: