

30712 - Urbanism 1

Syllabus Information

Academic year: 2024/25

Subject: 30712 - Urbanism 1

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 2

Semester: First semester

Subject type: Compulsory

Module:

1. General information

The subject aims to familiarize the student with the discipline of Urban Design, with an emphasis on the study of the mechanisms of the physical construction of the city. The student must be able to identify urban fabrics and the processes to which they have been subjected, and also have arguments to explain how the spatial development of the city has taken place in the territory over the centuries. Similarly, they must know the urban ecology arguments about the compact city and the diffuse city.

2. Learning results

- Ability to approach urban design with a broad perspective, which means understanding the essential vocabulary of urban design.
- Understanding of the disciplinary complexity and relevance of urban interventions in different spatial and temporal contexts.
- Acquisition of knowledge of urban analysis and the identification of the essential characteristics of urban design elements.
- Ability to identify, formulate and solve elementary problems of urban design in a multidisciplinary context, individually or as a member of a team, through a design intervention.
- To develop skills for the understanding of urban processes and the initial conception of urban projects; adequate knowledge applied to urban design of the architectural, urban and landscape traditions of the Western culture, as well as their technical, environmental, economic and social foundations. The students should be able to demonstrate a sufficient understanding of the theories and methods of contemporary urbanism.
- Ability to correctly read a city fragment. The students will become familiar with the vocabulary and language of urbanism, developing skills of observation, analysis, classification and hierarchization of information, approach and resolution of specific problems. They will be able to design appropriate urban design interventions.
- To develop sufficient reflective capacity to understand the approach of the architect's activity in the city, knowing the corresponding design and urban planning.

3. Syllabus

Topic 1. City and urban forms (I). Morphology

Topic 2. City and urban forms (II). Processes. Plans and projects

Topic 3. Historical centers (I). Formation and pre-industrial evolution

Topic 4. Historical centers (II). Renovation, rehabilitation, regeneration

Topic 5. Urban extensions (I). Extension of the pre-industrial city

Topic 6. Urban extensions (II). Proposals and alternatives

Topic 7. The functional city

Topic 8. City of blocks. Housing estates

Topic 9. Evolution of functionalist urbanism

Topic 10. Back to the urban block. New Extensions

Topic 11. Open spaces. Forms and systems

Topic 12. Urban ecosystem. Environmental challenges

4. Academic activities

Lectures: theory sessions in which the contents of the subject will be explained. 15 hours.

Problems and cases: sessions to solve theoretical and practical exercises related to the lectures. 13 hours.

Laboratory practices: workshop sessions on urban analysis and design. 29 hours.

Special practices: urban walks in which students will visit areas of the city related to the subject.

Teaching assignments, study of the subject, practical activities. 86 hours.

Assessment. 4 hours.

5. Assessment system

There will be a global assessment exam, to which all students will be entitled, and which will be established in the academic calendar. Likewise, the second call for assessment will be carried out by means of a global exam carried out in the period established for this purpose in the academic calendar.

The subject will be evaluated in the global assessment mode through the evaluation of the following blocks:

Block 1, theory (40% of the grade, minimum 5 out of 10): a partial mid-term exam (voluntary, first part of the course) and a final exam (complete for those who have failed or did not take the partial exam, and of the second part of the course for the rest). Both tests will deal with the topics developed in the theoretical sessions and in the theoretical-practical exercises, answering open questions, using short answers, diagrams, graphs, etc.

Block 2, theoretical-practical exercises (10% of the final grade, minimum 5 out of 10): evaluation of the individual theoretical-practical exercises carried out and collected in class, based on the quality of the analysis performed in each of them by the student.

Block 3: workshop (50% of the final grade, minimum 5 out of 10): two workshop exercises, carried out in teams. The first exercise consists of a practice of analysis and diagnosis of an urban space, and the second exercise consists of the application of the tools acquired in the first exercise and the realization of an urban proposal for a specific site. Two deliveries and their corresponding public corrections are available at.

The grade obtained in each block in the first call is kept for the second call of the subject, as long as it has been obtained within the same enrollment of the subject.

6. Sustainable Development Goals

10 - Reduction of Inequalities

11 - Sustainable Cities and Communities

12 - Responsible Production and Consumption