

## 30739 - Urbanism 4

### Syllabus Information

**Academic year:** 2024/25

**Subject:** 30739 - Urbanism 4

**Faculty / School:** 110 - Escuela de Ingeniería y Arquitectura

**Degree:** 470 - Bachelor's Degree in Architecture Studies

**ECTS:** 6.0

**Year:** 5

**Semester:** First semester

**Subject type:** Compulsory

**Module:**

### 1. General information

The subject and its expected results respond to the following approaches and goals:

- To provide a transversal and integrative approach to landscape configuration processes and to introduce the disciplines that study these processes.
- To provide project tools that will allow them to face intervention projects in the city or territory taking into account urban aspects, environmental and landscape variables.
- To develop critical capacity on different theories or trends related to the subject.

These approaches and objectives are aligned with the Sustainable Development Goals (SDGs) of the 2030 Agenda of United Nations (<https://www.un.org/sustainabledevelopment/es/>) to the extent that the territorial analysis allows the learning and management of environmental and planning tools that respond to several of the objectives and goals of the SDGs.

### 2. Learning results

- Ability to approach urban planning with a broad perspective, which means understanding the essential vocabulary of urban planning.
- 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 planning elements.
- Ability to identify, formulate and solve elementary problems of urban planning in a multidisciplinary context, individually or as a member of a team, through a design intervention.
- Ability to generate reasoned responses to the challenges of urban planning, as well as to articulate these responses through coherent and integrative strategies.
- Evaluate particular forms of urban planning intervention and assess what can be learned from past experiences

### 3. Syllabus

#### A. Review of the urban: The city and the natural environment.

01. Urban planning and environmental sustainability.
02. Urban ecosystem
03. Agricultural soil.
04. Territorial pre-existences in the city.

#### B. Geographical view: land use planning and landscape.

05. Territory, landscape and environment.
06. Notions of ecology
07. The hydrological component
08. The sociocultural component
09. Analysis and design tools
10. Legal framework and land management instruments.

#### C. Revitalization and renaturalization processes

11. Conceptual bases: from the urbanistic tradition to landscape ecology.
12. Landscape Projects.
13. Green infrastructure.

## 4. Academic activities

### Theoretical block (16h)

Weekly delivery of a program of theoretical sessions taught by the teacher that are complemented with material available on the Moodle platform.

### Supervised work (12h)

Parallel development of a case study aimed at reinforcing key concepts and critical thinking expressed through public debate.

### Practical block (28h)

Development of a project, using the workshop methodology in which students make periodic presentations of the progress of their work in joint correction sessions.

### Visits (8h)

Visit to the site where the workshop work of the subject is planned.

### Personal work (86h)

Development of the workshop work guided by the weekly corrections made in the practical block.

## 5. Assessment system

The student must demonstrate that he/she has achieved the intended learning outcomes through the following assessment activities:

### A-Continuous follow-up:

The overall evaluation of the student will be done through a continuous monitoring of the exercise that is developed throughout the subject and that will be based on the practices of the workshop (80%) and on the activities of analysis and commentary of specialized texts (20%). In order to pass the subject, both blocks must be passed.

For the evaluation of the practical exercise-workshop, at least one partial delivery will be established, the assessment of which will allow the student to know the level of his work in that phase of the project. The final grade will be based on the work presented at the final delivery of the workshop.

### B-Without continuous monitoring:

Evaluation of students that does not continuously monitor the subject. Given the possibility that some students may not be able to attend several sessions for justified reasons, the following evaluation tests will be used: - Practical exercise corresponding to the contents of the Workshop (70%)

- Written exam corresponding to the Theory Blocks (30%)

## 6. Sustainable Development Goals

3 - Good Health & Well-Being

11 - Sustainable Cities and Communities

13 - Climate Action