

Academic Year/course: 2022/23

30759 - Landscape Urbanism

Syllabus Information

Academic Year: 2022/23

Subject: 30759 - Landscape Urbanism

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 5

Semester: Second semester

Subject Type: Optional

Module:

1. General information

1.1. Aims of the course

The course and its expected results reflect the following approaches and objectives:

- Providing a cross and inclusive approach on the processes of landscape architecture and projects about the city landscape criteria
- Providing students with design tools that will enable them to tackle intervention projects in the city or territory, taking into account, in addition to urban planning aspects, environmental and landscape variables.
- Developing students' critical capacity regarding different theories or trends related to the subject.

These approaches and objectives are aligned with some of the Sustainable Development Goals, SDGs, of the 2030 Agenda (<https://www.un.org/sustainabledevelopment/en/>) and certain specific targets, so that the acquisition of the learning outcomes of the subject provides training and competence to the student to contribute to some extent to their achievement:

Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture. Subsection 2.4

Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. Subsection 4.7

Goal 6. Ensure availability and sustainable management of water and sanitation for all. Subsection 6.3 and 6.6

Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable. Subsection 11.1, 11.3, 11.4, 11.6, 11.7, 11.a and 11.b

Goal 12. Ensure sustainable consumption and production patterns. 12.2 y 12.b

Goal 13. Take urgent action to combat climate change and its impacts. Subsection 13.1, 13.2 and 13.3

Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. Subsection 15.1, 15.2, 15.3, 15.4, 15.5 and 15.9

1.2. Context and importance of this course in the degree

Context and meaning of the subject in the Degree:

Complementing learning theories and techniques of designing and urban planning in relation to treatment of contemporary urban landscapes.

1.3. Recommendations to take this course

It is recommended to take this course after having passed Urbanism 1, Urbanism 2, Integrated Project Workshop 2, Urbanism 3, Urbanism 4, and together with the optional course Mapping Urbanism.

2. Learning goals

2.1. Competences

C.E. 81.OP Have an adequate knowledge of urban design, landscape and urban projects.

C.E. 97.OP Have the ability to conceive the relationship between architectural design and landscape culture.

C.E. 98.OP Have knowledge on landscapes

2.2. Learning goals

Demonstrate the ability to understand the processes of construction and transformation of urban landscapes and metropolises.

Demonstrate the ability to understand the nature of the projects of intervention in the landscape, using scales and elements of these projects.

Understand, analyze and comment specialized texts and content development properly structured and argued.

Provide argumentation with specific bibliography.

2.3. Importance of learning goals

In this course students develop skills to address issues related to the intervention on the landscape of urban nature.

3. Assessment (1st and 2nd call)

3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

The overall evaluation of the student will be done through continuous monitoring the exercises that they develop throughout the course and will be based on practical workshop (80%) and activities analysis and commentary of specialized texts (20%). In order to be able to average the score of the sections, the practical exercises of the workshop must be passed.

-Assessment 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 their work in this phase of the project. The final score will be awarded on the basis of the work presented in the final delivery of the workshop.

Assessment of non-continuous monitoring students.

Given the possibility that a student is unable to attend various sessions for justified reasons, arbitrates, exceptionally, the following screening tests:

-Practical exercise corresponding to the contents of the Workshop (70%).

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

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The learning process designed is based on two different sessions:

Theory sessions: weekly, it is developed a program with theoretical lessons. Supplementary there is available material on Moodle: cartography, bibliography, specific dossiers, etc.

Practical sessions: develop landscape project documents: plans, projects, reports, etc

4.2. Learning tasks

The learning process is based on the self work of students, advised by teachers. Every week the work is checked.

Theory sessions: In addition to the theoretical lessons, a series of works supervised by the professors can be realized. These works will allow the students to deepen in the fundamental concepts of the thematic blocks.

Practical sessions: A weekly follow-up is carried out in the student's work workshop, with the possibility of additional tutorials.

Visits: at least one visit will be made to the site where the workshop work of the subject is planned.

4.3. Syllabus

General framework

Substrate: topography, geomorphology, etc.

Water: hydrology, management, etc. Biota: biodiversity, vegetation, etc.

Culture: heritage, history, etc.

Espace and public use.

On this set of topics, transversal approaches to blocks will be addressed, such as the processes with which they interrelate, socio-economic variables, representation methods, etc

4.4. Course planning and calendar

-Theory sessions: throughout the course, theory sessions related to the thematic blocks will be taught.

-Autonomous work: in a coordinated manner with the theory sessions and keeping consistency with the theme planned for the workshop, each student will develop a specific work that must be presented in class and delivered in writing at the end of the course.

-Practical sessions: weekly sessions, of at least two hours, throughout the course.

-Travel or visits (if possible): at least one, in the initial phase of the workshop.

- Key dates: at least a partial delivery during the first half of the subject and a final delivery

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the College of Higher Engineering and Architecture (EINA) website (<https://eina.unizar.es/>) and Moodle.

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=30759>