

30712 - Urbanism 1

Syllabus Information

Academic Year: 2022/23

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

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. It is based on participation, and the active role of the student favors the development of communication and decision-making skills. A wide range of teaching and learning tasks are implemented, such as lectures, assignments, workshop sessions, autonomous work and study, fieldwork, exams, and tutorials.

Students are expected to participate actively in the class throughout the semester.

Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials, including a discussion forum.

Further information regarding the course will be provided on the first day of class.

4.2. Learning tasks

This 6 ECTS course is organized as follows:

- **Lectures** (15 hours). Lectures run for 1 weekly hour. The professor will explain theoretical contents. Regular attendance is highly recommended.
- **Practice sessions** (15 hours). 1 weekly hour. 10% of the final grade. Individual weekly short theoretical-practical exercises, to reinforce certain instruments or concepts explained in the lectures.
- **Workshop** (27 hours). 50% of the final grade. The Workshop will be developed in two exercises of different focus: The first exercise consists of an urban analysis and diagnosis exercise. From the documentation provided in class and the one that the students can obtain in their particular research, the students will identify and represent the parts that make up a certain city, its structure, natural conditions, processes of growth, the relationship with other adjoining tissues, its building typologies, and its environmental conditions (20% of the final grade). In the second exercise, students will analyze a certain urban space and will propose specific urban solutions to solve the identified problems (30% of the final grade). It is estimated that in a very high proportion the time of the Workshop should be enough to develop and carry out

the practical exercises, without the need to overload the work outside the classroom. For this reason, the workshop environment must be of intense work, and with the active participation of students in the corrections, whether they are public or in small groups.

- **Fieldwork** (3 hours). Urban walks. Visits to some of the most important urban projects and interventions in the city of Zaragoza, related to the syllabus of the course.
- **Autonomous work and study**. Time devoted to study the course contents and develop the workshop exercises.
- **Exams**. 40% of the final grade. Two exams, for the assessment of the acquisition of the basic concepts of urbanism: an optional midterm exam, covering the first half of the syllabus, and a final exam, covering the second half of the syllabus (also the first part in case the midterm exam is not passed).
- **Tutorials**. Upon request of an appointment with the professor.

4.3. Syllabus

The course will address the following topics:

LECTURES

Mosaic City

1. Urbanism and urban forms.
2. Urban centers and historical centers.
3. Extensions and suburbs.
4. New peripheries.
5. Open spaces. Green infrastructure. Ecological urbanism.

Designed City

56. Urban architecture.
67. Functionalist urbanism.
78. Modern urban projects.
89. Contemporary urban projects.

Planned City

910. Types and generations of plans.
1011. Urban regeneration.
11. ~~Ecological urbanism.~~
12. ~~Urban new challenges. Urban resilience.~~

4.4. Course planning and calendar

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 School of Engineering and Architecture (EINA) website (<https://eina.unizar.es/>) and Moodle.