

28640 - Urban Management and Environmental Effects

Syllabus Information

Academic year: 2023/24

Subject: 28640 - Urban Management and Environmental Effects

Faculty / School: 175 - Escuela Universitaria Politécnica de La Almunia

Degree: 422 - Bachelor's Degree in Building Engineering

ECTS: 6.0

Year: 3

Semester: Second semester

Subject type: Optional

Module:

1. General information

The subject "Urban management and environmental impact" provides students with the necessary skills to exercise their functions within the urban and environmental field. It is an elective subject taught in the third year of the Technical Architecture course at the Polytechnic University School of La Almunia de Doña Godina ().

Regarding its relationship with the Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda (<https://www.un.org/sustainabledevelopment/es/>), the acquisition of the learning results of the subject provides training and competence to contribute to some extent to their achievement. Specifically, this subject is related to: Goal 11: Making cities more inclusive, safe, resilient and sustainable

Objective 11.3: By 2030, increase inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlements planning and management in all countries.

2. Learning results

At the end of this subject, the student will have knowledge on the following topics:

- Analysis, interpretation and representation of urban planning graphic documents.
- Knowledge of the urban qualification of the land, the urban instruments and the figures of urban planning
- Knowledge of urban regulation, management and discipline.
- Knowledge of universal accessibility in buildings and their environment.
- Knowledge of environmental impact assessment of building and demolition processes.

3. Syllabus

Contents of the subject indispensable for the achievement of the learning results.

- Basic references in the history of urban planning.
- Historical evolution of Spanish Urban Law.
- Main legal rules governing Urban Law in Aragon.
- Concept and content of Urban Law.
- Urban planning instruments: PGOU, PP, PERI, ED and others.
- Urban planning management: reparcelling and urbanization projects.
- Intervention in building and land use: licenses, execution orders, duty of conservation, declaration of ruin and technical inspection of buildings.
- Protection of urban legality.
- Urban planning discipline: urban planning infractions and penalties.
- Environmental Protection Law of Aragon.
- Mountains, mines and protected natural areas.

4. Academic activities

Theoretical sessions: The basic theoretical concepts of the subject will be explained.

Practical sessions: Problems and practical exercises will be solved to help in the understanding and application of the urban concepts studied. The following points will be worked on:

- On-line localization of the urban planning law in force in Aragon and of a general urban planning instrument
- Carrying out reserve module calculation exercises.
- Carrying out of exercises of calculations of buildability and use.

- Carrying out reparcelling exercises.
- Carrying out exercises in which it is necessary to decide whether to proceed to the declaration of the ruin of a building.
- Examination of an urban planning sanctioning file: inspection report, sanction proposal and administrative resolution.

5. Assessment system

The assessment will be carried out on the basis of two aspects:

- **the assessment of the student's theoretical and practical knowledge, and**
- **the presentation and oral defense of a paper.**

Each part must obtain a grade equal to or higher than 5 to pass the subject. If any part is not passed, the numerical grade for failure will be that of the lowest grade obtained by the student.

Theoretical and practical knowledge assessment standards:

One of these two conditions must be met:

- Pass a comprehensive test (obtain a grade of 5 or higher) to be held on the date scheduled in the official examination schedule.
- Pass two mid-term exams (obtain an average of 5 or more between the two) to be held throughout the term.

The assessment of these tests will take into account the adequacy of the student's answers to the content of the subject and the grammatical and spelling clarity of their answers

The grade for this part will represent 80% of the final grade for the subject.

Standards with respect to work

The grade of the work will represent 20% of the final grade of the subject.

The work will focus on the analysis of an urban plan.

The assessment of this test will take into account the capacity of synthesis, the clarity of the exposition, the agile use of specialized terminology and the use of appropriate audiovisual means