Universidad Zaragoza

Academic Year/course: 2022/23

28640 - Urban Management and Environmental Effects

Syllabus Information

Academic Year: 2022/23
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

1.1. Aims of the course

The main objective of the subject "Urban management and environmental impact" is that students understand what urbanism is and how the law influences in this area. Likewise, it is intended that students develop the necessary and precise skills that allow them to act within the framework of environmental management and discipline with knowledge of the legislation applicable to each situation.

Aligned with ODS:

These approaches and objectives are in line with the following Sustainable Development Goals (SDGs) of the United Nations 2030 Agenda (https://www.un.org/sustainabledevelopment/es/), in such a way that the acquisition of the course learning outcomes provides training and competence to contribute to their achievement to some degree:

- Goal 11: Make cities inclusive, safe, resilient and sustainable

Specific targets:

- Target 11.3: By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

1.2. Context and importance of this course in the degree

Urban management is one of the most important competences within the profession of technical architect. The subject of "Urban management and environmental impact" provides the student with the necessary skills to perform their functions within this competence area.
It is an optional subject within the curriculum of the Bachelor's Degree in Building Engineering of the Polytechnic University School of La Almunia de Doña Godina.

1.3. Recommendations to take this course

In order to study and pass the subject of "Urban Management and Environmental Impact", it is not required to have previously passed any other subject of the Bachelor's Degree in Building Engineering curriculum. However, we must consider that the development of the subject will require bringing into play knowledge and strategies that are supposed to have been acquired over the years.

2. Learning goals

2.1. Competences

Upon passing the subject, the student will be more competent to ...
Understand the legal regulatory framework for urban activity

Correctly apply urban parameters to a building project

Write an urban report of a building project

Apply study methodologies and environmental impact assessment

2.2. Learning goals

The student, to pass this subject, must demonstrate the following results ...
Carry out the preliminary study of a subdivision project

Understand the specific approach, concepts, terminology and language of the Environmental Impact Assessment.

Understand the administrative procedure of Environmental Impact Assessment and the role played by the different agents involved.

2.3. Importance of learning goals

The subject of "Urban Management and Environmental Impact" offers students specific training in urban and environmental matters, which will allow them to carry out functions in this area.

3. Assessment (1st and 2nd call)

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

The evaluation of the student's learning, whether he attends class continuously or if he does it sporadically or not, will be carried out attending to two aspects: the assessment of the theoretical-practical knowledge of the student and oral defense of a job. Each of these parts must obtain a grade equal to or greater than 5 to understand the subject approved. If any of the tests are not passed, the numerical grade of the suspense will be that of the lowest grade obtained by the student.

Rules regarding work: The work will focus on the analysis and commentary of an urban planning or management instrument. The work, which must be carried out individually, will be presented in writing and defended orally. The grade for the work will represent 20% of the final grade for the course. For the evaluation of this test, the synthesis capacity, the clarity of the exposition, the agile use of specialized terminology and the use of appropriate audiovisual means will be taken into account.

Rules regarding the assessment of theoretical and practical knowledge: To obtain a positive grade, the student must meet one of these two conditions:

Pass a final exam (obtain a grade of 5 or higher) that will be held on the date scheduled in the official exam calendar and in which the student must correctly answer a set of questions related to the subject's syllabus and exercises practicals carried out throughout the course.
Pass two partial exams (obtain a grade of 5 or more on average between the two. The previous rule will not apply if in any of the two controls a grade lower than 3 is obtained) that will be held throughout the course and in the that the student must correctly answer a set of questions related to the syllabus of the subject and the practices carried out in class.
In the evaluation of the exams and controls, the adequacy of the student's responses to the content of the subject will be taken into account, but also the grammatical and orthographic clarity of their responses. The mark of these tests will represent 80% of the final grade for the course

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. A wide range of teaching and learning tasks are implemented, such as theory sessions, practice sessions, tutorials, and autonomous work and study.

A strong interaction between the teacher and student is promoted. This interaction is brought into being through a division of work and responsibilities between the students and the teacher. Nevertheless, it must be taken into account that, to a certain degree, students can set their learning pace based on their own needs and availability, following the guidelines set by the teacher.

- The approach, methodology and assessment of this guide are intended to be the same for any teaching scenarios. They will be adapted to the social-health situation at any particular time, as well as to the instructions given by the authorities concerned.

4.2. Learning tasks

This course is organized as follows:

- **Theory sessions**: Theoretical activities carried out mainly through exposition by the teacher, where the theoretical supports of the course are displayed, highlighting the fundamental, structuring them in topics and or sections, interrelating them.
- **Practice sessions**: The teacher resolves practical problems or cases for demonstrative purposes. This type of teaching complements the theory shown in the lectures with practical aspects.
- **Tutorials**: Tutorials in order to give individual, personalized attention with a teacher from the department. These tutorials may be on-site or online.

4.3. Syllabus

This course will address the following topics:

- Historical review: the changes in cities
- Urban design: a new way of understanding the city
- Urbanism: Fact and Law. Historical evolution of Spanish Urban Law
- Concept and content: Urban Law
- Soil classification and zoning
- Instruments of urban planning: preparation and planning methodology
- Urban management tools
- Urban discipline

4.4. Course planning and calendar

The 6 ECTS course represents 150 hours of student work in the course during the term, in other words, 10 hours per week during 15 weeks of class.

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 Faculty of EUPLA website and Moodle.

4.5. Bibliography and recommended resources

Written documents and audiovisual materials will be used during the academic year. The documents required for the development of the course will be usually provided by the professor via Moodle.

http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=28640