

## 28640 - Urban Management and Environmental Effects

### Syllabus Information

**Academic Year:** 2019/20

**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.

### 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

### 2.2.Learning goals

### 2.3.Importance of learning goals

## 3.Assessment (1st and 2nd call)

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

## 4.Methodology, learning tasks, syllabus and resources

### 4.1.Methodological overview

The learning process designed for this subject is based on the following:

- Strong interaction between the teacher/student. 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 current subject is conceived as a stand-alone combination of contents, yet organized into three fundamental and complementary forms, which are: the theoretical concepts of each teaching unit, the solving of problems or resolution of questions and laboratory work, at the same time supported by other activities.

The organization of teaching will be carried out using the following steps:

? Theory Classes: Theoretical activities carried out mainly through exposition by the teacher, where the theoretical supports of the subject are displayed, highlighting the fundamental, structuring them in topics and or sections, interrelating them.

? Practical Classes: The teacher resolves practical problems or cases for demonstrative purposes. This type of teaching complements the theory shown in the lectures with practical aspects.

? Individual Tutorials: Those carried out giving individual, personalized attention with a teacher from the department. Said tutorials may be in person or online.

## **4.2.Learning tasks**

## **4.3.Syllabus**

Broadly speaking, the basic contents of the subject are as follows:

- 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 subject has 6 ECTS credits, which represents 150 hours of student work in the subject during the trimester, in other words, 10 hours per week for 15 weeks of class.

The dates of the final exams will be published officially.

## **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://biblos.unizar.es/br/br\\_citas.php?codigo=28640&year=2019](http://biblos.unizar.es/br/br_citas.php?codigo=28640&year=2019)