

Teaching guide

IDENTIFICATION DETAILS

Degree:	Architecture		
Scope	Architecture, construction, building and urban planning, and civil engineering		
Faculty/School:	Higher Polytechnic School		
Course:	URBAN PLANNING II		
Type:	Compulsory	ECTS credits:	6
Year:	4	Code:	3744
Teaching period:	Seventh semester		
Subject:	Urbanism		
Module:	Projectual		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	150		

SUBJECT DESCRIPTION

The subject, as a continuation of the subject taught in Block II of Urbanism I, provides students with the knowledge and practical application of urban planning instruments, so that they become familiar with urban events, professional urban planning practice and are able to propose urban planning proposals for a city. It addresses the knowledge of the Planning and Management System with which we work in Spain in the field of Urbanism, the analysis of the instruments and tools that compose it, as well as the presentation of the conceptual changes experienced by Urbanism, starting from the beginning of the 20th century and up to the present day, thus continuing the historical evolution contemplated in Block I of Urbanism I.

GOAL

The main objective of this course is for students to understand the essence of the urban planner's work as a professional dedicated to contributing to the improvement of people's quality of life, adequately preparing them to face the resolution of concrete urban projects with sufficient capacity and understanding the implications of urban regulations on architectural form and the city. In addition, as a specific objective, it is proposed that the student learn to formulate urban planning proposals for the city and the municipal area. All this from the integrative perspective of creative design approaches, current urban regulations and the understanding of the configuration of the current city: its central areas, peripheries, urban borders and forms of growth.

PRIOR KNOWLEDGE

There must be teaching coordination with the subjects of the Knowledge Area to which "Urbanism" belongs that have been studied in the 1st, 2nd year of the Career, those specific to History of Architecture (History of Architecture I and II) and especially with the subject of Urbanism I of the 3rd year. On the other hand, it is important to have taken and passed the courses of the Own Degree corresponding to Module 2: Photography and Collage and Digital Illustration, which will be basic for the development of the projects and practical exercises proposed throughout the course. This course serves as a graphic and conceptual basis for all the other subjects of Urban Planning, Architectural Projects and PFG.

COURSE SYLLABUS

The content of this subject is of a theoretical-practical nature and is in continuity with that of the Urbanism I subject of the 3rd year. It is fundamentally structured in master sessions and participatory classes in which the student must be the protagonist of their own learning. All this through carrying out both practical exercises and the search for information and analysis of the theoretical topics raised in the classes. With the objective of encouraging teamwork, students will be organized in working groups of up to 4 people to develop practices and interventions in oral presentations of the theoretical topics being considered.

The theoretical part of the course is organized into two blocks that cover, on the one hand, knowledge of the planning and management system in Spain and, on the other, knowledge of the evolution of urban planning and planning throughout the 20th century and the first decade of the 21st.

Block I fundamentally addresses planning theory, offering a complete view of the city planning process from a legislative point of view. The journey begins by establishing the conceptual and contextual bases of Urban Planning and the Planning and Management System in Spain, to continue presenting fundamental aspects such as land classification, urban development, distribution areas and development planning, delving into both their theoretical and more practical aspects (drafting and management).

Block II focuses on exposing the conceptual changes experienced by urban planning from the beginning of the 20th century to the present day, thus continuing the historical evolution contemplated in Block I of Urbanism 1.

At the beginning of the course, students will be provided with an approximation calendar-schedule, ordered day by day, of the topics and activities to be developed during the course organized according to these two thematic blocks.

EDUCATION ACTIVITIES

The teachers will plan the training in the contents proposed for the subject through the different activities proposed in the classes. The use of Cooperative Learning and Project-Based Learning (APB) methodologies will be encouraged. Students will work according to the proposed activity, both individually and in heterogeneous groups that promote dependence on each other, reinforce individual responsibility and encourage research and curiosity. The teachers will accompany the students throughout the process by following up in classes and carrying out individual or group tutoring. That way, students will receive continuous feedback, as they carry out each task. The teachers will provide them with the basic knowledge necessary to understand the contents of the program and to carry out the practical exercises that may arise. The main activities to be carried out include: Master sessions interspersed with dialogues with students; Presentations of real professional projects; Debates focused on the reading of current articles and recommended texts; Theoretical-practical exercises of varying duration and in person or not in person (individual or group); Oral presentation of the results of the projects carried out as well as delivery of the documentation (physical and digital) that is required in each case. With the preparation of these practical works, it is intended that the student begins to become familiar with the elements that define our planning system and to master the integration of creative design approaches, with the requirements and procedures required by legislation. These activities may be complemented by visits to the work areas selected for the study of practical work, visits to exhibitions, conferences, congresses, which will be conveniently indicated throughout the classes. Bibliography and videos will be recommended and based on the topics proposed in the master lessons. Students will also be provided with access to the main sources of information on each topic studied, as well as knowledge of the tools necessary for the analysis of urban reality and of the main figures of planning and the urban design process coordinated with current local regulations.

DISTRIBUTION OF WORK TIME

TEACHER-LED TRAINING ACTIVITIES	INDIVIDUAL WORK
60 Horas	90 Horas

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study.

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

Capacity for analytical, synthetic, reflective, critical, theoretical and practical thought.

An adequate knowledge of urban development, planning and techniques applied to the planning process.

Ability to appreciate the architect's profession and its function in society, particularly with regard to the design of projects that involve social factors.

General Skills

Capacity for analytical, synthetic, reflective, critical, theoretical and practical thought.

An adequate knowledge of urban development, planning and techniques applied to the planning process.

Ability to appreciate the architect's profession and its function in society, particularly with regard to the design of projects that involve social factors.

Specific skills

Ability to develop functional programs for buildings and urban spaces.

Ability to apply urban regulations and ordinances.

Adequate knowledge of urban sociology, theory, economics and history.

Adequate knowledge of the methodological foundations of urban planning and territorial and metropolitan planning.

LEARNING RESULTS

Know all the elements that define our Planning System: Instruments or figures with which it is developed.

Have a basic idea of the Management System and its specific instruments to obtain the equidistribution of the burdens and benefits involved in Planning.

Understand the Soil Regime and the classes recognized in it.

Master the tools of urban practice in the preparation of general and development planning.

Integrate urban, social and economic concepts as elements and disciplines that give rise to urban form.

Become familiar with Urban Design as another scale of the architectural project.

Deepen and value the meaning of the urban landscape.

Complete and learn about the evolution of urban settlements from a basically morphological point of view, starting from the fundamental milestones produced in the 20th century and up to the present day.

Learn about the conceptual evolution of all these elements from the birth of Urbanism and Planning to the present day, especially the major issues under discussion today.

LEARNING APPRAISAL SYSTEM

Evaluation by course: The evaluation is conceived as part of the student's learning process and will be carried out continuously, so each activity proposed in the classes (both theoretical and practical) will have a percentage weight in the final grade of the subject, according to the following criteria: A. Two individual theoretical tests will be carried out, which will account for 45% of the final grade. This evaluation will be carried out by the teachers of the subject. B. The practical work carried out during the course will be evaluated by the teachers and their evaluation will correspond to 45% of the final grade. C. The remaining 10% will correspond to the teacher's free evaluation of the activities carried out in class: Exhibitions, debates, topic presentations, visits to work areas, attendance at conferences, exhibitions, etc... as well as the student's attitude, evolution throughout the course and especially their active participation in class. The final grade of the subject will therefore come from the sum of the percentages of the previous grades, and if it is equal to or greater than five (5), the one passed per course will be obtained. In order to average these scores, the minimum score in both sections A and B, respectively, must be equal to or greater than 3.5. In addition, to obtain approval per course, it is essential to have attended 80% classes, to have submitted all the practical work of the course and to have taken the two individual theoretical tests. The grades of the partial theoretical exams will not be saved for ordinary or extraordinary calls. Evaluation in ordinary and extraordinary calls: Students who have not achieved the passing grade per course have the option of applying for the ordinary (June) or extraordinary (July) call. In both calls, the student must take an individual theory test, which includes the entire course syllabus (Blocks I and II) and which will represent 60% of the final grade. Additionally, you must carry out an individual practical exercise, which will account for 40% of the final grade of the exam. To pass both calls, you need to obtain a minimum score of five (5) on the average between the theoretical and practical parts of the exam. In an extraordinary call it is not possible to obtain honorary enrollment.

Clarifications:

1. Plagiarism, as well as the use of illegitimate means in evaluation tests, will be sanctioned in accordance with the University's Evaluation Regulations and Coexistence Regulations.
2. Repeating students who can justify any type of exemption due to incompatibility of schedules must bring the corresponding proof. To qualify for the evaluation by course, they must submit all the proposed works, as well as carry out all the proposed class exercises and individual theoretical tests in person.

ETHICAL AND RESPONSIBLE USE OF ARTIFICIAL INTELLIGENCE

1.- The use of any Artificial Intelligence (AI) system or service shall be determined by the lecturer, and may only be used in the manner and under the conditions indicated by them. In all cases, its use must comply with the following principles:

- a) The use of AI systems or services must be accompanied by critical reflection on the part of the student regarding their impact and/or limitations in the development of the assigned task or project.
- b) The selection of AI systems or services must be justified, explaining their advantages over other tools or methods

of obtaining information. The chosen model and the version of AI used must be described in as much detail as possible.

c) The student must appropriately cite the use of AI systems or services, specifying the parts of the work where they were used and describing the creative process followed. The use of citation formats and usage examples may be consulted on the Library website(https://www.ufv.es/gestion-de-la-informacion_biblioteca/).

d) The results obtained through AI systems or services must always be verified. As the author, the student is responsible for their work and for the legitimacy of the sources used.

2.- In all cases, the use of AI systems or services must always respect the principles of responsible and ethical use upheld by the university, as outlined in the [Guide for the Responsible Use of Artificial Intelligence in Studies at UFV](#). Additionally, the lecturer may request other types of individual commitments from the student when deemed necessary.

3.- Without prejudice to the above, in cases of doubt regarding the ethical and responsible use of any AI system or service, the lecturer may require an oral presentation of any assignment or partial submission. This oral evaluation shall take precedence over any other form of assessment outlined in the Teaching Guide. In this oral defense, the student must demonstrate knowledge of the subject, justify their decisions, and explain the development of their work.

BIBLIOGRAPHY AND OTHER RESOURCES

Basic

RODRIGUEZ-AVIAL LLARDENT, L.; NASARRE DE GOICOECHEA, F. Urban planning and design UFV, Madrid 2015

RODRIGUEZ-AVIAL LLARDENT, L.; NASARRE DE GOICOECHEA, F. Historical evolution of the morphological configuration of human and urban settlements UFV. Madrid, 2015

RODRIGUEZ-AVIAL LLARDENT, L. The desirable future of land planning and urban planning COAM. Madrid, 2022

Additional

GEHL, J. Cities for People El Equilibrista and Kaluz., 2016

(GEHL, J. Cities for People El Equilibrista and Kaluz., 2016 , ||JACOBS, J. Death and Life of the Great Cities Capital Swing, 1961)

RATTI, C. The city of tomorrow.. Sensors, networks, hackers and the future of urban life Yale University Press, 2016

RODRIGUEZ-AVIAL, L.; IRASTORZA, L.; DE ESCAURIAZA, J.L. In defense of the extension of La Castellana. The project that could change the North of Madrid COAM; CICCIP. Madrid 2023