

SUBJECT TEACHING GUIDE

624 - Urban and Territorial Planning

Master's Degree in civil Engineering, Canal and Port Engineering

Academic year 2025-2026

1. IDENTIFYING DATA					
Degree	Master's Degree in civil Engineering, Canal and Port Engineering			Type and Year	Compulsory. Year 2
Faculty	School of civil Engineering				
Discipline	URBAN AND TERRITORIAL PLANNING				
Course unit title and code	624 - Urban and Territorial Planning				
Number of ECTS credits allocated	4,5	Term	Semester based (1)		
Web	https://web.unican.es/estudios/detalle-asignatura?c=624&pi=213&a=2025				
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. TRANSPORTES Y TECNOLOGIA DE PROYECTOS Y PROCESOS
Name of lecturer	SOLEDAD NOGUES LINARES
E-mail	soledad.nogues@unican.es
Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 2. DESPACHO INDIVIDUAL (2016)
Other lecturers	MARIA ESTHER GONZALEZ GONZALEZ

3.1 LEARNING OUTCOMES

- Conceptualise urban and spatial planning within the framework of the planning discipline.
- Handle the instruments and techniques of urban and spatial planning.
- Analyse and evaluate the functioning of the regional and urban reality in its different elements and identify the social , cultural, environmental and economic conditioning factors of the territory.
- Select urban and regional planning alternatives and propose planning models.
- Develop master and land-use plans and draw up regional plans from the sustainable development perspective.
- Establish the management systems and evaluation methods of the plans.

4. OBJECTIVES

- To understand the basic concepts of urban and spatial planning within the framework of urban planning discipline and in the context of the corresponding legislation.
- Know the functioning of the regional and urban reality in its different elements .
- To understand the legal, administrative, technical and environmental aspects that condition planning.
- To introduce, in the form of an organized and synthetic simulation, the professional practice of elaborating urban and spatial plans.
- Encourage teamwork and the necessary attitudes for intervention in multidisciplinary teams, with a view to the development of urban planning instruments.

6. SUBJECT PROGRAM

CONTENTS	
1	PART 1. URBAN PLANNING Section 1. Urbanism and planning
2	Section 2. Urban planning
3	Section 3. Information in planning
4	Section 4. The urban planning structure
5	PART 2. SPATIAL PLANNING Section 5. Spatial planning constraints
6	Section 6. Elaboration methodology
7	Section 7. The spatial planning model

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessn	%
Exam Part 1	Written exam	No	Yes	30,00
Exam Part 2	Written exam	No	Yes	30,00
Group project 1	Work	No	No	20,00
Group project 2	Work	No	No	20,00
TOTAL				100,00
Observations				
<p>There will be an exam on the contents of Part 1 around the midpoint of the course, and an exam on Part 2 at the end of the course. The exams will account for, 60% of the final grade. A minimum mark of 4 out of 10 is established and they will be recoverable on the official evaluation dates. The remaining 40% of the students' grade will be completed with the development of Major Project Reports.</p> <p>Students who request an advanced assessment of the subject (November and/ or April), will be subject to a single exam of the two parts and must obtain a minimum grade of 4 out of 10 points in each of the parts.</p> <p>Only for duly justified reasons (e.g. health restrictions), assessment tests may be organized online, with the prior authorisation of the School's Management Unit.</p> <p>Note: According to Royal Decree RD 1125/2003 on the European credit system and the grading system for official university degrees valid throughout Spain, the results obtained by the student in each of the subjects of the syllabus will be graded according to the following numerical scale from 0 to 10, to one decimal place, to which the corresponding qualitative grade may be added: 0.0-4.9: Fail (SS); 5.0-6.9: Pass (AP); 7.0-8.9: Good (NT); 9.0-10: Outstanding (SB).</p>				
Observations for part-time students				
<p>Part-time students will be exempt from class attendance, and will be only evaluated via the two written exams: the Part 1 mid-term exam (around the midpoint of the course) and the Part 2 exam at the end of the course. In the event of failing either of these, they may be made up under the same conditions in the official exam sessions .</p> <p>The attention and evaluation of students enrolled part-time in the Master will be carried out in accordance with the UC Regulations for such cases.</p>				

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

BIBLIOGRAFÍA BÁSICA PARTE 1

- Gómez Portilla, P. y Nogués Linares, S., 2003. Planeamiento Urbanístico. Ediciones Universidad de Cantabria. Santander.
- Hernández-Partal, S., 2020. Los Instrumentos de Planeamiento Urbanístico en España: estudio comparado (I y II). Ciudad Y Territorio Estudios Territoriales, 52 (206-207).
- Levy, J. M., 2009. Contemporary urban planning. Pearson/Prentice Hall. Upper Saddle River.
- Nogués Linares, Soledad (Ed.), 2007. Curso de Planeamiento urbanístico. Colegio de Ingenieros de Caminos, Canales y Puertos de Cantabria. Santander.
- Santamera, Juan A., 2001. Introducción al planeamiento urbano. Colegio de Ingenieros de Caminos, Canales y Puertos. Madrid.

BIBLIOGRAFÍA BÁSICA PARTE 2

- Galiana, L. y Vinuesa, J., 2006. Teoría y Práctica para una ordenación racional del territorio. Madrid: Síntesis. Madrid.
- Gómez Orea, D. y Gómez Villarino, A., 2013. Ordenación Territorial 3º ed. Ediciones Mundi-Prensa. Madrid.
- Hall, P. y Tewdwr-Jones, M., 2011. Urban and Regional Planning (Fifth Edition). Ed. Routledge. Oxon.
- Hildebrand, A. 1996. Política de Ordenación del Territorio en Europa. Universidad de Sevilla. Consejería de Obras Públicas y Transportes. Sevilla.
- Pujadas, R. y Font, J., 1998. Ordenación y planificación territorial. Síntesis. Madrid.