

## SUBJECT TEACHING GUIDE

G1166 - Urban Development

Degree in Civil Engineering

Academic year 2021-2022

1. IDENTIFYING DATA					
Degree	Degree in Civil Engineering			Type and Year	Optional. Year 3
Faculty	School of civil Engineering				
Discipline	Subject Area: Urban and Land Planning				
Course unit title and code	G1166 - Urban Development				
Number of ECTS credits allocated	6	Term	Semester based (1)		
Web					
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 CECILIA RIBALAYGUA BATALLA FRANCISCO JOSE GARCIA SANCHEZ				

### 3.1 LEARNING OUTCOMES

- By the end of this course students will be able to:
  - evaluate cities from the morphological, and functional perspective
  - carry out diagnosis and proposals for the key components of the urban structure, including residential areas, green public spaces, community facilities, urban infrastructures...
  - demonstrate understanding of planning law and its application in practice.

#### 4. OBJECTIVES

Students will acquire the necessary tools to plan and design for sustainable urban development.

#### 6. COURSE ORGANIZATION

CONTENTS	
1	1. THE CITY: URBAN FORM AND URBAN STRUCTURE
2	2. ANALYSIS AND DESIGN OF URBAN ELEMENTS The planning process Residential development Commercial and non-residential development Transport infrastructures and facilities Parks and open space
3	3. THE CITY CONSTRUCTION PROCESS AND THE URBAN REGULATORY FRAMEWORK

#### 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Team work	Work	No	No	20,00
Exam Part 1	Written exam	No	Yes	30,00
Exam Part 2	Written exam	Yes	Yes	30,00
Individual work	Work	No	No	20,00
TOTAL				100,00
Observations				
<p>Student's evaluation will be made through continuous evaluation of the student's attendance, engagement and performance in class, and through the assessment of examinations and projects carried out during the classes under the supervision of the teachers.</p> <p>Only for duly justified reasons (e.g. health restrictions), assessment tests may be organised at a distance, with the prior authorisation of the Centre's Management.</p>				
Observations for part-time students				
Part-time students will be exempt from class attendance, and may choose to be evaluated via written exams.				

#### 8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC
<p>Santamera, J. A.: Introducción al Planeamiento Urbano. Colegio de Ingenieros de Caminos, Canales y Puertos. Madrid, 2007 (711.4 160)</p> <p>Esteban i Noguera, J.: La ordenación urbanística: conceptos, herramientas y prácticas. Diputación de Barcelona-Electa. Barcelona, 2003 (711.1. 10)</p>