

## SUBJECT TEACHING GUIDE

### M2103 - Urban and Territorial Planning

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

Academic year 2021-2022

| 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       | M2103 - Urban and Territorial Planning                           |                  |                    |                  |                    |
| Number of ECTS credits allocated | 4,5  | 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  |  |  |  |  |

### 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. COURSE ORGANIZATION

| CONTENTS |   |
|----------|---|
| 1        | PART 1. URBAN PLANNING<br>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<br>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                   | Written exam | No          | Yes       | 50,00         |
| Individual assignments | Work         | No          | No        | 20,00         |
| Major project          | Work         | No          | No        | 30,00         |
| <b>TOTAL</b>           |              |             |           | <b>100,00</b> |

### Observations

The exam consists of two parts: The first part will be held around week 6 while the second will be held on the official evaluation date. The exam will account for, 50% of the final grade. A minimum mark of 4 out of 10 is established and they will be recoverable on the official extraordinary exam. The remaining 50% of the students' grade will be completed with individual assignments (20%) and the development of a Major Project Report (30%).

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.

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.

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).

### Observations for part-time students

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 week 6) and the Part 2 exam on the official exam dates. In the event of failing either of these, they may be made up under the same conditions in the official extraordinary exam session.

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.

## 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.
- 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, 346 p. ISBN 978-84-975668-8-9.
- Gómez Orea, D. y Gómez Villarino, A., 2013. Ordenación Territorial 3º ed. Madrid: Ediciones Mundi-Prensa, 543 p. ISBN 97-84-8476-660-5
- Hall, P. y Tewdwr-Jones, M., 2011. Urban and Regional Planning. Fifth Edition. Oxon: Ed. Routledge, 281 p. ISBN 0 203 86142 6.
- Hildebrand, A. 1996. Política de Ordenación del Territorio en Europa. Universidad de Sevilla. Sevilla: Consejería de Obras Públicas y Transportes.
- Pujadas, R. y Font, J., 1998. Ordenación y planificación territorial. Madrid: Síntesis, 399 p. ISBN 97-88-499582115