

SUBJECT TEACHING GUIDE

5201 - The Natural Environment and Land Use Planning

Degree in Geography and Land Planning

Academic year 2024-2025

| 1. IDENTIFYING DATA | | | | | |
|----------------------------------|--|------------------|--------------------|------------------|--------------------|
| Degree | Degree in Geography and Land Planning | | | Type and Year | Compulsory. Year 3 |
| Faculty | Faculty of Humanities | | | | |
| Discipline | Geographical Fundamentals for Land Use Planning | | | | |
| Course unit title and code | 5201 - The Natural Environment and Land Use Planning | | | | |
| Number of ECTS credits allocated | 6 | Term | Semester based (2) | | |
| Web | | | | | |
| Language of instruction | Spanish | English Friendly | No | Mode of delivery | Face-to-face |

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|------------------|---|--|--|--|--|
| Department | DPTO. GEOGRAFIA, URBANISMO Y ORDENACION DEL TERRITORIO | | | | |
| Name of lecturer | CAROLINA GARMENDIA PEDRAJA | | | | |
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| Office | E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 1. DESPACHO (1013A) | | | | |
| Other lecturers | MARIA VICTORIA RIVAS MANTECON | | | | |

| 3.1 LEARNING OUTCOMES |
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| - The student will be able to incorporate into his / her learning activities the reading of bibliography and the use of transversal and media sources, the selection of information and reflection, applying the acquired disciplinary knowledge and demonstrating a correct use of the basic concepts to identify, describe and relate different aspects of the study object |
| - The student will be able to identify and describe the elements, structures, functions and forms of spatial organization that allow to characterize the geographical spaces as dominated by social or economic functions or predominate natural features. It will thus distinguish useful working areas for a geographic analysis aimed at diagnosing problems and potentialities that must be taken into account in order to define proposals for land-use planning |
| - The student will present his / her ideas and arguments in an orderly, clear, precise and based on the concepts and disciplinary knowledge, both orally and in writing, in the delivery of activities, both learning and evaluation. |

4. OBJECTIVES

Analyze the main environmental problems with territorial incidence and therefore with implications in the planning of the territory.

Recognize the diversity of elements involved in the configuration of natural spaces and the complex relationships established between them, reflecting on their role as part of the collective heritage.

Use concepts, methods, fundamental tools and terminology related to protected natural spaces and their management

Understand the different basic regulations (European, national and regional) and international initiatives in the conservation of natural spaces; different types of spaces and objectives associated with the different categories of protection ; and the basis for the development of management plans.

Establish direct contact and know in situ the environmental problems of natural areas of Cantabria: natural values, social and economic context, and current conservation and management situation

6. SUBJECT PROGRAM

CONTENTS

| | |
|---|--|
| 1 | CONSERVATION OF NATURE IN THE INTEGRATED PLANNING OF THE TERRITORY. |
| 2 | PROTECTION OF SPACES AND SPECIES |
| 3 | PREVENTION OF DEGRADATION IN PROTECTED NATURAL SPACES. INSTRUMENTS FOR MANAGEMENT. |
| 4 | STUDY CASES. FIELD TRIP AND ANALYSIS OF NATURAL AREAS |
| 5 | Written exam on the theoretical contents of the subject. |

7. ASSESSMENT METHODS AND CRITERIA

| Description | Type | Final Eval. | Reassessn | % |
|-------------------------------------|--------------|-------------|-----------|---------------|
| Assistance to field trips | Others | Yes | No | 10,00 |
| Field trip exercise | Work | Yes | Yes | 10,00 |
| Group exercise | Work | Yes | No | 20,00 |
| Oral presentation of results | Oral Exam | Yes | No | 10,00 |
| Examination of theoretical contents | Written exam | Yes | Yes | 50,00 |
| TOTAL | | | | 100,00 |

Observations

In order to pass the subject it will be necessary to have participated in ALL scheduled activities and to present ALL exercises associated with them.

Special care should be taken in the presentation of the proofs , in particular, in the correct use of materials (maps, graphs, tables) included in them (rigor in citing sources and source).

To average with the rest of the assessment activities will be REQUIRED NEED to have passed the exam .

Observations for part-time students

Only if there is a justified problem to carry out any of the practical activities described, the evaluation of the part-time students will be carried out by means of a similar work, adapted to its conditions, with the same weight in the final mark as the one generally applied.

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

Directiva 92/43/CEE del Consejo de 21 de mayo de 1992 relativa a la conservación de los hábitats naturales y de la fauna y flora silvestres. Diario Oficial de las Comunidades Europeas n°L206/7, 22 julio 1992.

Directiva 2000/60/CE del Parlamento Europeo y del Consejo, de 23 de octubre de 2000, por la que se establece un marco comunitario de actuación en el ámbito de política de aguas. Diario Oficial de la Unión Europea, n° L327/1, 22 de diciembre de 2000.

Directiva 2008/56/CE del Parlamento Europeo y del Consejo, de 17 de junio de 2008, por la que se establece un marco de acción comunitaria para la política del medio marino (Directiva marco sobre la estrategia marina). Diario Oficial de la Unión Europea, n° L164/19, 25 de julio de 2008.

Ley de Cantabria 4/2006, de 19 de mayo, de Conservación de la Naturaleza de Cantabria. BOC, n° 105, 1 de junio de 2006

Ley 42/2007, de 13 de diciembre, del Patrimonio Natural y de la Biodiversidad. BOE n°. 299, de 14 de diciembre de 2007.

Ley 41/2010, de 29 de diciembre, de protección del medio marino. BOE, n° 317, de 30 de diciembre de 2010.

Real Decreto 1274/2011, de 16 de septiembre, por el que se aprueba el Plan Estratégico del Patrimonio Natural y de la Biodiversidad 2011-2017, en aplicación de la Ley 42/2007, de 13 de diciembre, del Patrimonio Natural y de la Biodiversidad. BOE, n° 236, 30 de septiembre de 2011.

Direcciones de Internet:

- EUROPARC-España (2017): <http://www.redeuroparc.org/>
- IH Cantabria (2017). Red Natura 2000 Cantabria: <http://natura2000.ihcantabria.com/red-natura-2000-en-cantabria/>
- MAPAMA (2017). Biodiversidad: <http://www.mapama.gob.es/es/biodiversidad/temas/default.aspx>
- MAPAMA (2017). Red de Parques Nacionales: <http://www.mapama.gob.es/es/red-parques-nacionales/>