

Planning of Coastal Spaces

Code: 104269
ECTS Credits: 6

Degree	Type	Year	Semester
2503710 Geography, Environmental Management and Spatial Planning	OT	4	1

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Teachers

Francesc Romagosa Casals

Prerequisites

There are no prerequisites

Objectives and Contextualisation

The aim of the course is to give the basic knowledge so that the student understands the territorial, environmental and social complexity of the coastal system and learns to analyze the problems of the coastal space in an integrated way, with a geographical look and from a planning point of view.

The subject is divided into three parts or blocks: a first block analyzes the coastal space -in a broad geographical sense- from the physical point of view (evolution, dynamics, ecosystems) and social (settlements and human activities). The second block analyzes the manifestations of Global Change on the coast. The third block deals with the management and governance of coastal space (policies, legislation, instruments and inclusive governance).

A field trip is included in a section of the Catalan coast with the aim of being able to see in situ many of the aspects treated in theory.

Competences

- Apply the basic regional, environmental and urban legal regulations for regional and environmental planning.
- Apply tools for the management of regions, the environment and urban policies in regional and environmental planning.
- Design and manage regional, environmental and urban planning instruments.
- Draw up action and intervention plans in the territory which respond to sociodemographic and environmental problems.
- Generate innovative and competitive proposals in professional activity.

- Introduce theoretical and applied aspects of the main regional, environmental and urban policies in professional practice.
- Work cooperatively in multidisciplinary teams.

Learning Outcomes

1. Describe the characteristic ecosystems of the Mediterranean coastline and the relations between society and the coast.
2. Generate innovative and competitive proposals in professional activity.
3. List the basic regional, environmental and urban regulations corresponding to the government bodies responsible in Catalonia.
4. Make proposals for regional, environmental and urban planning.
5. Understand the specific instruments for regional management in mountain and coastal areas.
6. Use methods and instruments for the integrated management of rural and coastal areas.
7. Work cooperatively in multidisciplinary teams.

Content

1. The coastal socio-ecological system
 - Introduction to the coastal system
 - Evolution and dynamics of the coast
 - Morphology of the coast
 - Ecosystems and coastal formations
 - Settlements and human activities on the coast
2. Global Change on the coast
 - The urbanization and trivialization of the landscape
 - The massification and exploitation of socio-natural resources
 - Hydrodynamic and morphodynamic alterations
 - Extreme events and sea level rise
3. Coastal management and governance
 - Coastal policies and planning
 - Coastal legislation and administration
 - Management instruments
 - Inclusive coastal governance

Methodology

The contents of the course will be developed through the following activities:

- Follow-up of the topics covered in the course (reading and study of the documents that make up the course's materials).
- Read books and articles as a complement to the materials.
- Field trip of compulsory character, that will complement the theoretical knowledge of the course's materials and will be the basis of a practical work.
- Elaboration of two practical works or assignments, with the tutoring of the professor.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Activities

Title	Hours	ECTS	Learning Outcomes
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Type: Directed

Classroom activities	39	1.56	5, 3, 1, 2, 7, 6
Field trips	8	0.32	1, 2, 7
Type: Supervised			
Tutorials	5	0.2	5, 3, 1, 2, 6
Type: Autonomous			
Autonomous work	50	2	5, 3, 1, 2, 7, 6
Study	45	1.8	5, 3, 1, 6

Assessment

The continuous assessment of the course will consist of: 1) the realization of two partial exams that will evaluate the theoretical knowledge corresponding to the three thematic parts of the course (they will be have to be retaken at the final exam if they have not obtained a grade higher than 4 out of 10); and 2) the elaboration of two practical assignments, both related to course's theory and to the field trip.

In the case that the student does not make the final exam, the final grade of the subject will be a No Valued.

In the event of a student committing any irregularity that may lead to a significant variation in the grade awarded to an assessment activity, the student will be given a zero for this activity, regardless of any disciplinary process that may take place. In the event of several irregularities in assessment activities of the same subject, the student will be given a zero as the final grade for this subject.

In the event that tests or exams cannot be taken onsite, they will be adapted to an online format made available through the UAB's virtual tools (original weighting will be maintained). Homework, activities and class participation will be carried out through forums, wikis and/or discussion on Teams, etc. Lecturers will ensure that students are able to access these virtual tools, or will offer them feasible alternatives.

On carrying out each evaluation activity, lecturers will inform students (on Moodle) of the procedures to be followed for reviewing all grades awarded, and the date on which such a review will take place.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Assignment 1	25 %	0	0	1, 4, 2, 7, 6
Assignment 2	25 %	0	0	1, 4, 2, 7, 6
First partial exam	25 %	1.5	0.06	5, 3, 1
Second partial exam	25 %	1.5	0.06	5, 3, 1

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Software

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