COURSE DATA

DATA SUBJECT

Code: 33808
Name: Planning Methods and Instruments
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
1318 - Degree in Geography and the Environment	Facultat de Geografia i Història	3	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1318 - Degree in Geography and the Environment	Planning methods and instruments	COMPULSORY

COORDINATION

SALOM CARRASCO JULIA

SUMMARY

It's a matter of expanding and consolidating the knowledge acquired in the Spatial Planning subject from the deepening of the general and specific methods of planning. The stages of a plan and the methods of each stage will be studied. Through the execution of the practices, the student will become familiar with the management of statistical and cartographic information with the objective of learning to synthesize and relate transversal territorial information for the resolution of applied cases

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

It is recommended to have previously taken the Spatial Planning module or have basic knowledge in territorial planning and urban development.
Students should have an instrumental knowledge of English that allows them to read and understand any documents or texts written in these languages.

Knowledge of GIS and office automation systems to make and deliver exercises, summaries, etc. in a digital form.

COMPETENCES / LEARNING OUTCOMES

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Acquire basic knowledge for analysing and diagnosing public policies related to the geographical aspects of the environment.

Be able to learn independently and show creativity, initiative and entrepreneurship. Be able to resolve unforeseen situations.

Be able to relate and synthesise cross-disciplinary territorial information.

Be able to work independently.

Be able to work in interdisciplinary teams.

Get acquainted with geographic information systems as a tool for learning about and interpreting the territory and the environment.

Have capacity for analysis and synthesis.

Have oral and written communication skills in one's own language and in a foreign language.

Have problem-solving skills and decision-making capacity. Be able to design and manage projects.

Have research skills.

Have skills for organisation, planning, management and assessment.

Learn about land-use planning.

Learn about methodology and fieldwork.

Learn about the time and space dimensions in the explanation of social, territorial and environmental processes.

Learn basic techniques for fieldwork in geography and particularly for reading and interpreting the landscape in geographic terms.

Show commitment to the values of gender equality, interculturality, equal opportunities, universal access for people with disabilities, the culture of peace, democratic values and solidarity.

Show motivation for quality, responsibility and intellectual honesty.

DESCRIPTION OF CONTENTS

1. General Planning Methods

1.1.- Approaches and types of planning
1.2.- Planning instruments
1.3.- Strategic environmental and territorial evaluation.
1.4.- Stages of the planning process and methods of each stage
1.5.- Cartographic tools
1.6.-The preparatory phase for the planning process

2. Analysis and diagnosis of the environmental subsystem

2.1.- Contents and stages
2.2.- Gathering and preparation of information
2.3. Delimitation of territorial units
2.4.- Valuation of environmental units
2.5.- Green infrastructure
2.6.- Reception capacity
2.7.- Detection of conflicts
2.8.- Diagnosis of synthesis

3. Analysis and diagnosis of the population and settlement subsystems.

3.1.- Population and economic activities subsystem.
3.1.1.- Population analysis: Projections
3.1.2.- Economic activities and demand for infrastructures.
3.2.- Subsystem of settlements and infrastructure
3.3.1- Delimitation of functional areas
3.3.2.- Urban hierarchy and functions
3.3.3.- Location of equipments
3.3.- Communication infrastructures

4. Integrated diagnosis and planning and management phases

4.1.- Integrated diagnosis tools
4.1.1.- SWOT-CAME analysis
4.1.2.- Scenario Approach
4.2- Planning phase

4.2.1.- Determination of objectives
4.2.2- Evaluation and selection of alternatives 4.2.3.
4.2.3.- Objective territorial model
4.2.4.- Instrumentation of proposals
4.3.- Management phase
4.4. Monitoring and evaluation tools

5. Introduction to strategic planning

5.1.- Origin, principles and characteristics.
5.2.- Methodology of strategic plans
5.3.- Examples of strategic planning
5.4.- Techniques of concertation and public participation

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Other activities	15,00
Computer classroom practice	15,00
Total hours	**60,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	35,00
Independent study and work	15,00
Preparation of lessons	30,00
Preparation for assessment activities	5,00
Resolution of case studies	5,00
Total hours	**90,00**

TEACHING METHODOLOGY

PRESENTIAL THEORETICAL CLASSES: An explanation will be made through presentations of the different theoretical contents of the agenda.
PRESENTIAL PRACTICAL CLASSES: Under the direction of the teacher, different individual and team applied exercises will be carried out.

STUDENT PERSONAL WORK: Reading of articles and documents.

PREPARATION OF PRACTICAL WORK: Knowledge of planning methods should be reviewed and acquired.
TUTORIALS: They will be dedicated to clarifying doubts that may have arisen during the development of the classes.
SUPPLEMENTARY ACTIVITIES: This part of the subject is understood as continuous assessment and cannot be recovered if it is not done at the time it takes place.

EVALUATION

The evaluation model will conform to the following percentages:

- Examination: 60%

- Works and (individual and / or group) guided practice: 30%

- Supplementary activities: 10%

To pass the course will have to pass the final exam (with 5 out of 10).

The grading system will follow the regulations of the University of Valencia, approved by the Consell de Govern on 27 January 2004. (According to the 1044/2003 and 1125/2003 RR.DD.).

The second call will evaluate the theoretical and practical criteria of the subject in the same way as in the first call.

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Basic
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- Farinós Dasí, J.; Olcina Cantos, J. (eds) (2022): Ordenación del territorio y medio ambiente. Valencia : Tirant humanidades
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Additional
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