

Regional and Environmental Laboratory: Project

Code: 104255
ECTS Credits: 6

Degree	Type	Year	Semester
2503710 Geography, Environmental Management and Spatial Planning	OB	3	2

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

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

Ana Vera Martin
Albert Pèlach Mañosa

Prerequisites

This subject is based on the realization of a territorial and environmental project for which it is necessary to have previous knowledge acquired in the subjects of the degree studied previously. Therefore, it is necessary to have passed all the first and second year subjects.

Objectives and Contextualisation

This compulsory third-year subject is part of Subject 19 of the degree: Territorial and Environmental Laboratories, together with the second-year subject. As reflected in the Degree Report, it is integrated with the subjects:

- Planning, planning and evaluation
- Sustainable mobility and territory
- Natural resources, water and energy
- Demographic analysis
- Representation techniques and territorial design

Its main objective is to provide the knowledge, methods and techniques necessary for the elaboration of the propositional and project part of the planning instruments: establishment of planning criteria, definition of objectives, analysis of strengths and weaknesses, formulation of proposals, elaboration of projects, identification of the actors, means and instruments necessary to apply them, writing and presentation of the final planning documents.

Competences

- Apply methods and techniques of quantitative, qualitative and field work analysis in the interpretation of territorial and environmental processes.
- Draw up action and intervention plans in the territory which respond to sociodemographic and environmental problems.
- Explain and represent territorial processes using statistical techniques, and graphic, cartographic and geographical information representations.
- Generate innovative and competitive proposals in professional activity.
- Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
- Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
- Work cooperatively in multidisciplinary teams.

Learning Outcomes

1. Define the main regional problems in a case study.
2. Generate innovative and competitive proposals in professional activity.
3. Produce a proposal for regional action and/or management in a case study.
4. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
5. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
6. Use statistical data and instruments to describe the geographical situation in a case study.
7. Use techniques of quantitative and qualitative analysis.
8. Work cooperatively in multidisciplinary teams.

Content

1. Introduction: the Diagnosis and the elaboration of projects in the context of the territorial and environmental planning
2. Territorial projects: Diversity of objectives and models
3. Methodology for the elaboration of territorial and environmental projects
4. Introduction to the case study: the Maresme
 - a) Theoretical sessions
 - b) Initial fieldwork
5. Group work: Assignment of work areas to each group, and development of projects.
 - a) Methodological support sessions
 - b) Self-employment
6. Preparation and presentation of results
 - a) Document: Territorial project
 - b) Oral presentations
 - c) Posters

Methodology

The course is based on the elaboration of a Territorial and Environmental Diagnosis project on a specific aspect of study and to achieve this objective we start from the materials and methods taught in Territorial and Environmental Laboratory: methodology. The first sessions of the course will be dedicated to the methodology of elaboration of SWOTs and projects, to the presentation of thematic of study, the obtaining of data and the work of field. The tasks of the subject will be based on group work, which includes theoretical sessions, workshops, tutorials and field trips.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Joint fieldwork	8	0.32	3, 4, 6
Laboratory practices	9	0.36	1, 7
Lectures on methodology and the study case	17	0.68	3, 4, 6
classroom practices	16	0.64	1, 8, 7
Type: Supervised			
Guidance for results presentation	12	0.48	1, 3, 6
Orientation sessions to develop projects	13	0.52	1, 3, 5, 6
Type: Autonomous			
Delivering results	15	0.6	1, 3, 5, 4, 6
Information search: documentation, cartography, data and fieldwork	10	0.4	1, 3, 5, 6
Project analysis and experience	20	0.8	1, 3, 5, 4, 6
Theoretical and methodological readings	15	0.6	5, 4

Assessment

To be evaluated by each of the parties, it is necessary to have attended the theoretical sessions of the subject, the group workshops and tutorials, the field trips, take the exam and present the project. Recoverable activities are the project and its presentation, the field report and the examination, but by its nature, attendance at field trips and oral presentations will not be recoverable.

If some of the orders are not delivered the subject will not be evaluated and the note in the minutes will be Not evaluable

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.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Exam on contents taught in the theoretical sessions	25%	2	0.08	2, 3, 5, 4, 6
Field trip reports	15%	5	0.2	1
First diagnosis	20%	4	0.16	1, 6
Project presentation	40%	4	0.16	3, 4, 8, 7

Bibliography

Generalitat de Catalunya (2004?). *Planejament territorial. Criteris*. Barcelona, Departament de Política Territorial i Obres Públiques.

http://territori.gencat.cat/web/.content/home/06_territori_i_urbanisme/01_ordenacio_del_territori/20_plans_territori

Generalitat de Catalunya (2009). *Memòria ambiental (Document orientatiu per a la redacció de la memòria ambiental en el marc de l'avaluació ambiental de Plans d'Ordenació Urbanística municipal)*. Barcelona, Departament de Medi Ambient i Habitatge.

http://territori.gencat.cat/web/.content/home/01_departament/documentacio/documentacio/medi_ambient_i_soste

Ruiz, Rafael (dir) (2012). *La diagnosi del territori com a suport a les decisions estratègiques*. Guies metodològiques per a la planificació estratègica, 3, Barcelona, Diputació de Barcelona.

<https://www1.diba.cat/liblioteca/pdf/51168.pdf>

Nel·lo, Oriol (2012). *Ordenar el territorio. La experiencia de Barcelona y Cataluña*. Valencia, Tirant lo Blanch.