

Regional and Environmental Laboratory: Project

Code: 104255
ECTS Credits: 6

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

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

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 subjects of first and second year and is special Territorial and Environmental Laboratory: Diagnosis.

It is very important that the student checks the schedule of the subject before enrolling. Attendance at theoretical sessions, workshops, seminars and field trips is mandatory and therefore incompatible with other subjects taught at the same time.

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:

- Biodiversity and habitats
- Spatial analysis and models
- 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.
- 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. Generate innovative and competitive proposals in professional activity.
2. Produce a proposal for regional action and/or management in a case study.
3. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
4. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
5. Use techniques of quantitative and qualitative analysis.
6. 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 the 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.

The dynamics of work, based on workshops and tutorials require the presence of students both in the classroom and in the field, so attendance at the time slots assigned to the subject is mandatory. Therefore, it is the responsibility of students to check that this subject does not overlap with any other can enroll in second or fourth year.

15 minutes of a class will be reserved, within the calendar established by the center/degree, for the complementation by the students of the evaluation surveys of the performance of the teaching staff and evaluation of the subject.

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
Type: Directed			
Joint fieldwork	8	0.32	2, 3
Laboratory practices	9	0.36	5
Lectures on methodology and the study case	17	0.68	2, 3
classroom practices	6	0.24	6, 5
Type: Supervised			
Guidance for results presentation	12	0.48	2
Orientation sessions to develop projects	13	0.52	2, 4
Type: Autonomous			
Delivering results	15	0.6	2, 4, 3
Information search: documentation, cartography, data and fieldwork	10	0.4	2, 4
Project analysis and experience	20	0.8	2, 4, 3
Theoretical and methodological readings	5	0.2	4, 3

Assessment

Evaluation

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.

The final grade will be calculated as follows:

Course project (40%)

Drafting of a project. Group work.

Public presentation of the project (15%)

Public presentation of the drafted project. Oral and graphic in the format and shape indicated in class.

Theory Tests (30%)

Written tests on the contents taught in individual sessions

Reports (15%)

Exercises on indicators, SWOT and drafting of proposals.

The following should be noted:

1) The exams and field trips are MANDATORY, as well as 80% of the homework and exercises carried out in the classroom. To be evaluated of each of the parties, you must have attended the field trips, take the exam and present the project. The recoverable activities are the project, the field report and the exam, but by their nature, the attendance to field trips and oral presentations cannot be recovered.

2) The minimum grade of each part to average in the final grade is 4.5.

3) The student will receive the qualification of "Not evaluable" provided that he has not delivered more than 30% of the evaluation activities.

4) VERY IMPORTANT about plagiarism. 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.

5) 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. The teaching methodology and the evaluation proposed in the guide may undergo some modification subject to the onsite teaching restrictions imposed by health authorities.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Exams on contents taught in the theoretical sessions	30%	2	0.08	1, 2, 4, 3
Practice reports: indicators, SWOT and proposals	15%	8	0.32	1, 3, 6
Project	40%	20	0.8	2, 3, 6, 5
Public presentation of the project	15%	5	0.2	4, 3

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
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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
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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.

Nel-lo, Oriol (2012). *Ordenar el territori. La experiència de Barcelona y Catalunya*. Valencia, Tirant lo Blanch.

Software

Office and software of SIG available in the classroom of computing services