

Regional and Environmental Laboratory: Report

Code: 104247
ECTS Credits: 6

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

Teachers

Pau Alegre Nadal
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Prerequisites

To enrol in this subject (*asignatura*), is very important to register also for second year subjects that are linked to "Territorial and Environmental Laboratory: Report" in 2019-20 course: "Territory, Society and Environment in Catalonia" (code 104245) and "Qualitative Methods and Fieldwork" (Code 104248)

Moreover, it is convenient to pass 70% of the credits of the first year (7 out of 10 subjects) and 60% of the second year's first semester (3 out of 5).

Objectives and Contextualisation

The subject is part of the thematic grouping (*materia*) "Territorial and Environmental Laboratories" together with another that you will find in the third year. As indicated in the Degree Report, this second year course aims to teach on how to elaborate "Territorial Diagnosis Reports", whereas the elaboration of concrete proposals will be left for the third year subject. More specifically, the main objective of this course is the provision of knowledge, methods and techniques necessary for the preparation of reports through planning instruments: analysis of the conditioning factors (physical environment, administrative map, current planning ...), territorial dynamics (population, activities, mobility, land uses, resources and energy ...) and the different scenarios (population, jobs, environment ...).

On the other hand, the subject leans on knowledge from other subjects in the same year. For the 2019/20 course, complementary subjects will be "Territory, Society and Environment in Catalonia" and "Qualitative Methods and Fieldwork". In addition, the learning that is being acquired in other subjects (i.e. "Spatial Analysis and Models" and "GIS and Territorial Management") will also be taken into account as described in the Grade Report.

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.
- 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. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
3. Use statistical data and instruments to describe the geographical situation in a case study.
4. Use techniques of quantitative and qualitative analysis.
5. Work cooperatively in multidisciplinary teams.

Content

1. Introduction: Diagnosis in the context of territorial and environmental planning
2. The diagnosis of the territory: diversity of objectives and models
3. Methodology for the elaboration of territorial and environmental diagnoses
4. Introduction to the case-study: the urban area of Manresa.
 - a) Theoretical sessions
 - b) Initial fieldwork
5. Group Assessment: Assignment of analysis zones to teams of students for the development of a partial case-study diagnosis.
 - a) Methodological sessions of support
 - b) Individual work
6. Preparation and presentation of results
 - a) Document: Diagnosis Report
 - b) Oral presentations
 - c) Posters

Methodology

Coordinated

Lectures on methodology and on the case of study

Joint fieldwork for the first territorial analysis

Supervised

Orientation and monitoring sessions for the preparation of the report

Orientation sessions for producing follow-up presentations of results
(oral presentation, poster)

Autonomous

Theoretical and methodological readings

Search for information: documentation, statistics and field work

Analysis: Development of the Diagnosis

Elaboration of results: Memory, oral presentation, poster.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
a) Expositive classes on methodology and the case study	12	0.48	1, 3, 4
b) Joint field work	11	0.44	1, 3, 4
Type: Supervised			
a) Diagnosis guidance sessions	15	0.6	2, 5, 3, 4
b) Guidance for the presentation of results	12	0.48	5, 3, 4
Type: Autonomous			
a) Theoretical and methodological readings	15	0.6	1, 2
b) Information search: documentation, statistics and field work	25	1	2, 5, 3, 4
c) Analysis and preparation of the diagnosis	30	1.2	1, 2, 5, 3, 4
d) Presentation of results	15	0.6	1, 2, 5, 3, 4

Assessment

The assessment will take into account: first, the final results of the process of elaboration of the Report on Territorial and Environmental Diagnosis (Written report, oral presentation and poster); second, the gradual learning process will also be evaluated, based on the follow-up activities (exercises) and on a written exam over the methodology for the elaboration of the diagnoses. Moreover, the assessment of some aspects of the Report (contents, methodology) will be included in the join subjects "Qualitative methods and fieldwork" and "Society, territory and environment in Catalonia".

The final mark of the subject will be the average of the marks obtained through the different evaluated assessments. Failure to participate in any of them implies that the entire subject is "Not evaluated". To calculate an average, you must have obtained at least a score of 4 in each one of the assessments.

Revaluation: If you miss a deadline it is still possible to negotiate the presentation of some assessment exercises (the methodological exam, the follow-up exercises or the poster). However, please note that due to the nature of the activity, it will not be possible to reevaluate the written report or the oral presentations.

Attendance to the joint fieldwork and to oral presentations is mandatory. If you cannot attend, there will be a need for legal proof (*justificante*) detailing the cause. The non-repeated attendance to these activities will result in the assessment not being marked. You should attend at least 50% of the joint fieldwork and 2/3 of the lectures.

The copying or plagiarism of material (both in the case of assessments and exams) constitutes a crime that will be sanctioned with a zero mark. In the case of recidivism, the entire subject will be failed. Please remember that "copying" is considered as a work that reproduces all or most of the text from a classmate. "Plagiarism" refers to presenting all or part of an author's text as your own without citing the proper sources (either in paper or in digital format).

See the UAB documentation on "plagiarism" at:

https://wuster.uab.cat/web_argumenta_obert/unit_20/tot_t20.html

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Follow-up exercises	15%	9	0.36	2, 3, 4
Report of the territorial and environmental diagnosis	40%	0	0	1, 2, 5, 3, 4
Report's oral presentation	15%	4	0.16	2, 5
Synthesis poster	10%	0	0	1, 2, 3, 4
Written exam	20%	2	0.08	1, 2, 3, 4

Bibliography

We provide some basic references. The detailed bibliography will be provided at the beginning of the course.

About the Diagnosis methodology

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

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

About territory

Ajuntament de Manresa (2012). *Pla General d'Ordenació Urbanística Municipal*. Manresa, Ajuntament de Manresa.

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Ajuntament de Manresa (2011). *Pla Especial urbanístic de protecció del patrimoni històric, arquitectònic, arqueològic, paleontològic, geològic i paisatgístic de Manresa*. Manresa, Ajuntament de Manresa.

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Alabern i Valentí, Josep; Lluís Virós i Pujolà, Lluís (curadors) (2002). *Al Voltant de la construcció de la Sèquia de Manresa*. Sant Vicenç de Castellet: Col·legi d'Enginyers Industrials de Catalunya, Demarcació de la Catalunya Central.

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