

Degree	Type	Year
Geography, Environmental Management and Spatial Planning	OP	4

Contact

Name: Albert Pelachs Mañosa

Email: albert.pelachs@uab.cat

Teachers

Oscar Aleman Milan

Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

Have a good predisposition to walking, and above all enjoy it as a basis for getting to know a territory.

Be able to read with good reading comprehension and write fluently in Catalan and / or Spanish, clear grammatical constructions and without spelling mistakes.

Be able to understand a text in a foreign language (preferably English or French).

To undertake this course, you must have a proficiency in Catalan and/or Spanish at or above level B2.

Objectives and Contextualisation

- Describe and interpret the main physical and socio-economic processes that occur in the mountain environment
 - Learn about the evolution of the Pyrenean landscape, as well as the key elements of its formation.
 - Identify and analyze the main natural risks that affect mountain areas.
 - Recognize the lifestyles of rural and mountain societies, as well as their evolution over time.
 - Carry out field work and acquire direct knowledge of the territory.
 - Explain territorial relations in an integrated way (general/specific; local/global).
 - Show spatial understanding of historical, economic, cultural and social processes.
 - Acquire skills to work in a group with proper documentation management.
 - Use geographic information as an instrument for interpreting the territory.

Learning Outcomes

1. KM32 (Knowledge) Describe the physical and socio-economic processes in mountain areas for the correct management of these spaces.
2. KM34 (Knowledge) List the basic regional, environmental and urban regulations corresponding to each responsible administration, with reference to Catalonia.
3. SM25 (Skill) Evaluate mitigation and adaptation policies to global change processes.
4. SM25 (Skill) Evaluate mitigation and adaptation policies to global change processes.

Content

INTRODUCTION

- Mountain concept
- The mountains of the world

THE PHYSICAL MEANS

- Origin and structure of the mountains
- External processes related to climate and gravity
- Environmental conditions of mountain areas: the adaptation of the vegetation to the mountain environment

THE HUMAN WORLD

- Socio-economic dynamics in the mountains
- The construction of the landscape on the mountain
- Sorting of mountain areas

NATURAL RISKS

- Natural hazards in the mountains: Type, distribution, frequency and degree of danger.
- Risk mitigation: Exposure and vulnerability.
- Studies of specific cases that have affected the population related to avalanches, floods, landslides, landslides and debris flows.

STUDY OF A PRACTICAL CASE

- Description and analysis of a case study related to the physical and human environment of mountain areas or their associated risks.

In this subject, gender perspective will be taken into account in the following aspects:

- Not allowing a sexist use of language in the students' oral and written contributions.
- Writing, in the references, the full names of authors, instead of only the initial.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Field trip (PCAM)	17	0.68	KM32, KM34, SM25, KM32
Master class (TE)	15	0.6	KM32, KM34, SM25, KM32
Practical sessions (PAUL)	16.5	0.66	KM32, KM34, SM25, KM32

Type: Supervised

Course work	10	0.4	KM32, KM34, SM25, KM32
Tutorials	15	0.6	SM25, SM25
Type: Autonomous			
Preparation and presentation of works	45	1.8	KM32, KM34, KM32
Study and personal work	30	1.2	KM32, KM34, SM25, KM32

The methodology of this subject is based on the deployment of content from a field trip, of a mandatory nature, la

Subsequently, other training activities will be carried out that will consist of master classes (few), personalized tut

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.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Coursework	40%	0	0	KM32, SM25
Report to the field work	25%	0	0	KM32, SM25
Theoretical exam	35%	1.5	0.06	KM32, KM34

- The theoretical exam is individual.
- The practical exercises must be of a collective nature (maximum 3 people) and consist of the elaboration of a coursework related to one of the topics discussed during the field trip, a work that must be presented orally in the classroom.
- The work related to the field exit will also be of a collective nature and consists in drafting a report from the notes taken during the field trip.
- The presentations of the works and the theoretical examination will be carried out at the end of the course in one or more sessions (depending on the number of groups to be exhibited).
- The theoretical examination will only be possible to re-assessed.
- Students will obtain a Not assessed/Not submitted course grade unless they have submitted more than 1/3 of the assessment items.
- 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.

Let's remember that a "copy" is considered a work that reproduces all or most of the work of one or more partners. "Plagiarism" is the fact of presenting all or part of an author's text as its own, without citing the

sources, whether in paper or in digital format.

See UAB documentation on "plagiarism" at: http://wuster.uab.es/web_argumenta_obert/unit_20/sot_2_01.html

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

- *This subject/module does not incorporate single assessment.*

- In this course, the use of AI is restricted:

For this course, the use of Artificial Intelligence (AI) technologies is permitted exclusively for support tasks, such as bibliographic or information searches, text correction, or translations. When requested and when necessary, the student must clearly identify which parts have been generated with this technology, specify the tools used, and include a critical reflection on how these have influenced the process and the final result of the activity. Non-transparency in the use of AI in this assessable activity will be considered academic dishonesty and may result in partial or total penalties in the activity grade, or more severe sanctions in serious cases.

Bibliography

- ALDOMÀ, Ignasi; Mòdol, Josep Ramon; Morell, Ramon (2022). *Atlas del món rural 2022 : despoblament o revitalització?* Lleida,
- ARCA, Associació Catalana de Municipis, Associació de Micropobles de Catalunya.
- BART, François; CASSE-CASTELLS, Marie-Claude; DEBARBIEUX, Bernard; VEYRET, Yvette. (2001). *Les montagnes. Discours et enjeux géographiques*. París: Sedes
- BARRY, Roger G. (2001). *Mountain weather & climate*. London: Routledge
- BLANCHARD, Raoul; VILA, Pau (1925). "Assaig de geografia de la muntanya". A: VILA, Pau (1978). *Aspectes de geografia de Catalunya*. Barcelona: Curial, p. 27-168
- COLÓN DÍAZ, Manuel (1998). *Montaña y karst mediterráneo. Especificidad, antropización y gestión ambiental*. Cadis: Servicio de Publicaciones de la Universidad de Cádiz
- DEBARBIEUX, Bernard (1995). *Tourisme et montagne*. París: Economica
- DELGADO VIÑAS, Carmen; PLAZA GUTIÉRREZ, Juan Ignacio (eds.) (2012). *Territorio y paisaje en las montañas españolas. Estructuras y dinámicas espaciales*. Santander: Ediciones de Librería Estvdio
- DOMINGO, Montserrat [coord.] (2000). *Geopirineos, Espacios Naturales y Geología Pirenaica*, Monografías de Enseñanza de las Ciencias de la Tierra, núm. 2, Serie Itinerarios, Libro Guía de la Excursión, Enseñanza de las Ciencias de la Tierra. Girona
- DD.AA. (1981). *Supervivencia de la montaña*. Actas del coloquio hispano-francés sobre áreas de montaña. Madrid: Ministerio de Agricultura, Pesca y Alimentación
- DD.AA. (1993). *Mab-6 Alt Pirineu (Urgellet-Baridà)*. Síntesis del programa. Madrid: Ministerio de Obras Públicas y Transportes
- DD.AA. (2002). "Géopolitique en montagnes". *Hérodote. Révue de géographie et de géopolitique* [París], 107
- FOLCH, Ramon (1995). *Biosfera*, volum 9 (Tundra i insularitat). Barcelona: Enciclopèdia Catalana, pp. 191-324
- GARCÍA-RUIZ, Jose María [ed.] (1990). *Geoecología de las áreas de montaña*. Logroño: Geoforma
- GENERALITAT DE CATALUNYA (2022). *Cap a una nova llei de muntanya*. Barcelona, https://territori.gencat.cat/ca/06_territori_i_urbanisme/politica_de_muntanya/cap-a-una-nova-llei-de-muntanya/
- GÓMEZ ORTIZ, Antonio (1991). "Fundamentos físicos en la ordenación del territorio. La aportación de la geografía física. El ejemplo de la montaña". A: *Primer Congrés Català de Geografia*. II Ponències. Barcelona: Publicacions de la Societat Catalana de Geografia, p. 85-97

GORRÍA, Jesús (1990). El Pirineo como espacio frontera. Saragossa: Gobierno de Aragón

LASANTA, Teodoro (1989). Evolución reciente de la agricultura de montaña: El Pirineo aragonés. Logroño: Geoforma.

MARTÍNEZ DE PISÓN, Eduardo (2000). Cuadernos de montaña. Madrid: Temas de Hoy

MARTÍNEZ DE PISÓN, Eduardo (2000). El territorio del leopardo. Madrid: Desnivel

MARTÍNEZ DE PISÓN, Eduardo (2002). El alto Pirineo. Saragossa: Biblioteca Aragonesa de Cultura

MARTÍNEZ DE PISÓN, E.; ÁLVARO, S. (2000). El sentimiento de la montaña. Doscientos años de soledad. Madrid: Desnivel

McNEILL, John R. (2004). El mundo de las montañas en el Mediterráneo. Barcelona: Editorial Mediterrània

MESSERLI, Bruno; IVES, Jack D. [eds.] (1999). Les montagnes dans le monde. Une priorité pour un développement durable. Grenoble: Glénat

PALAU PUIGVERT, Jordi (2020). Rewilding Iberia: explorando el potencial de la renaturalización en España. Barcelona: Lynx.

PRICE, Martin F.; BYERS, Alton C.; FRIEND, Donald A.; KOHLER, Thomas; PRICE, Larry W. (2013). Mountain Geography. Berkeley: University of California Press

RECLUS, Elisée (1998). La montaña. Salamanca: Amarú (original de 1873)

ROUGIER, Henri; WACKERMANN, Gabriel; MOTTET, Geneviève (2001). Géographie des montagnes. París: Ellipses

ROUGERIE, Jean Paul (1990). Montagnes sacrées, montagnes mythiques. París: Armand Colin

ROUX, G. (1990). Les montagnes dans la biosphère. París: Fayard

SABARTÉS, Josep Maria (1998). Població i territori a l'Alt Pirineu català. Anàlisi demogràfica de les comarques de l'Alt Urgell, Alta Ribagorça, Cerdanya, Pallars Jussà, Pallars Sobirà i Valld'Aran. Tremp: Garsineu

SACAREAU, Isabelle (2003). La montagne. Une approche géographique. París: Belin

SOLÉ SABARÍS, Lluís (1951). Los Pirineos; el medio y el hombre. Barcelona: Martín [traducció al català a l'editorial Garsineu, Tremp, 2004]

SORRE, Max (1956). Les Pyrénées. París: Armand Colin

TULLA I PUJOL, Antoni Francesc (1993). Procés de transformació agrària en àrees rurals de muntanya. Barcelona: Institut Cartogràfic de Catalunya

VEYRET, Yvette [coord.] (1998). Les montagnes. Discours et enjeux géographiques. París: Sedes

VIERS, Georges (1973). Los Pirineos. Vilassar de Mar: Oikos-tau

VIGO I BONADA, Josep (1976). L'alta muntanya catalana. Flora i vegetació. Granollers: Montblanc- Martín

VIOLANT Y SIMORRA, Ramon (1949). El Pirineo español. Vidas, usos, costumbres, creencias y tradiciones de una cultura milenaria que desaparece. Madrid: Plus-Ultra (reedició a l'editorial Altafulla, Barcelona, 1985-86)

WACKERMANN, Gabriel [ed.] (2001). Montagnes et civilisations montagnardes. París: Ellipses

Software

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

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

Name	Group	Language	Semester	Turn
(PAUL) Classroom practices	1	Catalan	first semester	morning-mixed
(PCAM) Field practices	1	Catalan	first semester	morning-mixed
(TE) Theory	1	Catalan	first semester	morning-mixed

