



Universitat de Lleida

DEGREE CURRICULUM
**ENVIRONMENT, ECONOMY AND
SOCIETY IN MOUNTAIN AREAS**

Coordination: SALVA CATARINEU, MONTSERRAT

Academic year 2023-24

Subject's general information

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|--|---|--------|------------|------------------|
| Subject name | ENVIRONMENT, ECONOMY AND SOCIETY IN MOUNTAIN AREAS | | | |
| Code | 12420 | | | |
| Semester | 1st Q(SEMESTER) CONTINUED EVALUATION | | | |
| Typology | Degree | Course | Character | Modality |
| | Master's Degree in Mountain Areas Management | 1 | COMPULSORY | Blended learning |
| Course number of credits (ECTS) | 9 | | | |
| Type of activity, credits, and groups | Activity type | PRAULA | TEORIA | |
| | Number of credits | 4.5 | 4.5 | |
| | Number of groups | 1 | 1 | |
| Coordination | SALVA CATARINEU, MONTSERRAT | | | |
| Department | GEOGRAPHY, HISTORY AND HISTORY OF ART | | | |
| Teaching load distribution between lectures and independent student work | Hours presential: 90 Hours no presential: 135 | | | |
| Important information on data processing | Consult this link for more information. | | | |
| Language | Spanish Catalan | | | |

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Learning objectives

- Identify and analyze the determinants of the natural and environmental dynamics, as well as of the demographic dynamics and of the economic activities that arise in the mountain territories and the related rural areas.
- Detect and analyze the socio-economic, physical and environmental indicators that determine the problems of mountain areas.

Competences

Basic:

B06 Possess and understand knowledge that provides a basis or opportunity to be original in the development and / or application of ideas, often in a research context (*)

General:

CG2 Manage and use the methods and techniques of analysis and interpretation of socio-economic and environmental statistical variables and sources.

Specific:

CE1 Recognize, characterize and interpret the physical and human uniqueness of the mountain and explain the diversity of mountain territories.

CE2 Analyze, interpret and evaluate the processes of change and environmental conflicts in attention to the preservation of biodiversity and environmental balances in mountain areas.

CE5 Analyze the processes of economic development in areas of low population density and design alternatives for growth and development of new activities.

Transversal:

CT5 Apply the gender perspective to the functions of the professional field.

Subject contents

Part 1. Natural environment

- 1.1. Natural processes and dynamics in mountain areas.
- 1.2. Meteorology and mountain climates.
- 1.3. Biogeography, biodiversity and fire risk.
- 1.4. Evolution of the high mountain environment: methods and techniques.

Part 2. Natural Hazards

- 2.1. Seismic risk and landslides.
- 2.2. Risk of avalanches.
- 2.3. Hydrological risks.

Part 3. Demographic dynamics

- 3.1. Demographic dynamics and population.
- 3.2. Recent migratory movements and depopulation of small towns.

Part 4. Rural society

- 4.1. Rural society; from an agrarian society to service society: new Ruralities.
- 4.2. Mountain agriculture and pastoralism, crisis and agrarian transformation.
- 4.3. Rurality and gender.

Part 5. Mountain economy

- 5.1. "Technology" mountain economy; mobility, ICT and technological changes.
- 5.2. Local economy and development; dynamic sectors, clusters, and activity niches.
- 5.3. Revaluation of leisure and free time and sustainable tourism.

Part 6. Local development and tourism

- 6.1. Tourism development and factors of mountain tourism (climate change).
- 6.2. Skiing and adventure tourism, culture, and nature.
- 6.3. The heritage and landscape values of the mountain.
- 6.4. The mountain as a brand and image.

Methodology

Teaching methods, formation activities and total hours

1.Theory

1.1 Master classes 60 h

- 1.2 Introductory activities 1.5 h
- 1.4. Conferences, seminars and scientific / informative events 15 h
- 1.3 Readings 15 h
- 2. practice
- 2.1 Problem practices 32
- 2.2 Case study 32
- 2.3 Debate / analysis and reflection 10
- 3. Works
- 3.1 Information search 15.5 h
- 3.3. Face-to-face tutoring 4 h
- 3.4 Writing reports and projects 40 h

Development plan

Attendance and participation in the theoretical-practical sessions and activities.
Presentation of the learning portfolio from the material of the sessions.
Submit of activities
Submit of conference reports.

Evaluation

Weighting (%) :

- 1. Learning folder 50%
- 2. Internship work 20%
- 3 Reports, analysis reports or applied project 20%
- 4 Participation in classes and activities 10%

If academic fraud or spontaneous copying is detected, we will apply what is established in the Regulations for the Assessment and Grading of Student Learning in UdL Bachelor's and Master's Degrees.

Students who want to ask for alternative assessment must submit an employment contract or justify, in a letter addressed to the dean, the reasons that make it impossible for him/her to carry out the continuous assessment within five (5) days after the beginning of the semester. For information, please send an e-mail to lletres.secretariacentre@udl.cat or ask for information at the Faculty's academic office (Secretaria Acadèmica de la Facultat de Lletres).

Bibliography

- Barry, R.G. (2008). Mountain Weather and Climate. Cambridge University Press.
- Benn, D. I., and Evans, D. J. A., 2010. Glaciers and Glaciation. London: Hodder Arnold.
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cartografía. Geoforma Ediciones, Logroño. 315pp. i 3 mapas.

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McClung, D. i Schaerer, P. (2008). Avalanche Handbook. 3rd edition. ED. The mountainer's Books, 342 pp.

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Messerli, B. & Ives, J. D. (eds.), 1997. Mountains of the World: A Global Priority. Parthenon, London and New York, 495 pp.

Owens, P.N. (2004). Mountain Geomorphology. Arnold Publication, Routledge.

Price, M.F.; Byers, A.C.; Friend, D.A.; Kohler, T. & Price, L.W. (2013). Mountain geography : Physical and human dimensions. Berkeley, University of California Press.

Tremper, B. (2008). Staying alive in avalanche terrain. The mountainer's Books, 318 pp.

Tremper, B. (2016). Avalanchas, nociones imprescindibles. Verticualidad, 260 pp.