

Geomorphology II

Code: 101062
ECTS Credits: 6

Degree	Type	Year	Semester
2500254 Geology	OB	2	2

Contact

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Use of Languages

Principal working language: spanish (spa)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: No

Teachers

Joan Estalrich Lopez

Prerequisites

Geomorfologia I

Objectives and Contextualisation

Quantification of processes generating forms viewed in Geomorfologia I

Competences

- Learn and apply the knowledge acquired, and use it to solve problems.
- Obtain information from texts written in other languages.
- Recognise geomorphological systems, interpret relief forms and evaluate the evolution of the landscape.
- Suitably transmit information, verbally, graphically and in writing, using modern information and communication technologies.
- Use geographical information systems applied to geology.
- Work in teams, developing the social skills needed for this.
- Work independently.

Learning Outcomes

1. Apply GIS techniques to geomorphology.
2. Discern the principal relief forms.
3. Interpret relief dynamics on different time and space scales.
4. Learn and apply the knowledge acquired, and use it to solve problems.
5. Obtain information from texts written in other languages.
6. Suitably transmit information, verbally, graphically and in writing, using modern information and communication technologies.

7. Work in teams, developing the social skills needed for this.
8. Work independently.

Content

- Slope processes
- River processes
- Karstic processes
- Eolian processes

Methodology

Lectures and field work

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			
Field work	7.5	0.3	4, 2, 3, 5, 6, 7
Practicum	19	0.76	1, 4, 2, 3, 5, 6, 8, 7
Theory	24	0.96	2, 3, 5
Type: Supervised			
Tutorials	4	0.16	4, 2, 3, 5, 6, 7
Type: Autonomous			
Personal work	89.5	3.58	4, 2, 3, 5, 6, 8, 7

Assessment

Final exam only for students with a fail grade

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
2 Mid-term exams	each 30% of final degree	2	0.08	1, 4, 2, 3, 5, 6, 8, 7
Filed work	5% of final degree	2	0.08	2, 3, 8, 7
Pop-quiz	35% final grade	2	0.08	4, 2, 5, 6

Bibliography

Same as in catalan version

Software

Excel