

Geomorphology II

Code: 101062
ECTS Credits: 6

2024/2025

Degree	Type	Year
2500254 Geology	OB	2

Contact

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Teachers

Joan Estalrich Lopez

Teaching groups languages

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

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

Activities and Methodology

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

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.

Assessment

Continous Assessment Activities

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

Final exam only for students with a fail grade

Bibliography

Same as in catalan version

Software

Excel

Language list

Name	Group	Language	Semester	Turn
(PCAM) Field practices	1	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	1	Catalan	second semester	morning-mixed
(PLAB) Practical laboratories	2	Catalan	second semester	morning-mixed
(TE) Theory	1	Catalan	second semester	morning-mixed