

School / College	XXXXXXX
Dates	XXXXXXX
Contact name	XXXXXXX
Email	XXXXXXX
Phone	XXXXXXX
Address	XXXXXXX
Age / Board / Spec	Yr 11 AQA GCSE
Content	Glacial landscapes

Course Programme - 4 nights

Day one

Flight to Girona or Barcelona
Coach transfer to hotel in Soldeu
Late breakfast

Class session 1

Health and safety briefing, glacial topic revision games, introduction to fieldwork methods, map work, kit check.

Late am - coach transfer to Port d'Envalira

Fieldwork session 1

Walk from Port d'Envalira to Col Blanc 2500m - map reading activities, identifying glacial landforms, field sketch.

Walk back to Port d'Envalira

5.30 pm - coach transfer back to hotel in Soldeu

Evening meal

Class session 2

Review fieldwork, discuss sampling strategies, quantitative fieldwork methods and prepare for the following days fieldwork.

Day two

Breakfast / prepare kit / collect packed lunches etc

9.00 am - coach transfer to Port d'Envalira

Fieldwork session 2

Walk to Col Blanc and then onwards to the glacial lakes / moraine fields of La Portella. Field sketching, using keys to identify glacial deposits, using compasses to measure direction of glacier flow using striations and chatter marks. Lunch in the field.

Identifying rock types in the terminal moraines and using this to work out direction of ice movement in the two adjacent corries.

Walk back to Port d'Envalira

4.30 pm - coach transfer back to hotel in Soldeu

Free time

Evening meal

Class session 3

Reviewing fieldwork and plotting data from striation study onto maps.

Day three

Breakfast / prepare kit / collect packed lunches etc

8.45 am

Class session 4

Introduction to economic uses of glacial landscapes using maps and google earth imagery.

10 am

Fieldwork session 3

Walk from the hotel onto a nearby ski area to study impact of skiing on the soils and biodiversity of flora.
Return to resort midday - lunch / shopping

Fieldwork session 4

Walk along GR paths into the Incles Valley - field study of alpine woods and high altitude agriculture as a sustainable resource

Walk back to the hotel

Free time

Evening meal

Class session 5

Review fieldwork, plenary.

Day four

Breakfast

Coach transfer back to Girona / Barcelona for return flight