

<b>School / College</b>	XXXXXXXX
<b>Dates</b>	XXXXXXXX
<b>Contact name</b>	XXXXXXXX
<b>Email</b>	XXXXXXXX
<b>Phone</b>	XXXXXXXX
<b>Address</b>	XXXXXXXX
<b>Age / Board / Spec</b>	A Level
<b>Content</b>	Glaciated landscape systems

## **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, 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.

Comparative study of biodiversity and soil compaction on and off a ski run.

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 macro-scale evidence of glacial processes.

10 am

Fieldwork session 3

Walk from the hotel into the Incles Valley and then continue up to the corrie of Cabana Sorda 2300 m - field sketching and mapping of glacial landforms including hanging valley, lateral and recessional moraines, Roche moutonee, corrie.

Walk back to the hotel

Free time

Evening meal

Class session 5

Review fieldwork, using ARCGIS to plot glacial landforms.

**Day four**

Early breakfast.

Depart from hotel 8.30 am

Study of terminal moraines and paleo-lake deposits near the capital Andorra La Vella.  
Possible free time to explore the city?

Coach transfer back to Girona / Barcelona for return flight