



Welcome to Grenoble, capital of the French Alps

Dynamic, mountain-loving and sporty, with a rich and diverse heritage, Grenoble is nestled at the heart of three valleys. It is at the confluence of the **Drac** and the **Isere rivers**, where the **Chartreuse**, the **Vercors** and **Belledonne mountain ranges** meet. It is a metropolitan town with a population of half a million, where 20% of the population is associated with the University and its research, where businesses range from very traditional to high tech innovative small and medium enterprises. Here, at Université Grenoble Alpes, a large community of researchers, and project leaders **focus on Mountains** either as their central piece of observation terrain or on concepts applicable to it.

Mountains are core to the DNA of our university community and we are proud to highlight that with this program, that we invite you to participate in.

Come to a city that drives sustainable development

Grenoble has been designated **European Green Capital 2022** by the European Union for its strong commitment to social and environmental transitions.

What to do in and around Grenoble

The program organizes a wide-ranging schedule of activities to help participants make the most out of their time at Université Grenoble Alpes and to take advantage of Grenoble's many varied cultural and nature-based offerings. Typical activities include:

- Free brass band, short-movie, street art, and music festivals
- Hikes from Grenoble to the surrounding mountain ranges
- Swimming and water-based activities (kayaking, paddle boarding, canoeing) in lakes
 - Visit neighboring towns such as: medieval Annecy & Victorian-style Aix-les-Bains, the UNESCO World Heritage Sites of Lyon and Avignon (city of the Popes), ...
 - Simply experience the French Art de vivre in sunny Grenoble!

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PRACTICAL INFORMATION

Registration fee :

225 €

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MOUNTAINS IN A CHANGING WORLD

Summer program held in and around Grenoble in the French Alps
Starting late June

Open to students from all disciplines (Community colleges, universities, professional training ...)

Over **two weeks**, you will see a story unfold. This story starts deep in the heart of the Earth, where powerful forces come to play, generating movement and disruption, where mountains are thrust up and are subjected to the effects of time, wind, water, and temperatures. On these mountains, flora and fauna have developed and adapted to harsh conditions, temperature ranges, extreme cold, radiations and low pressures. Humans have also made it their domain, captured water, settled along banks and in valleys as well as higher up. They have exploited trees, controlled water, wind and the sun for energy, fed on nature and created activities for their economic survival and enjoyment.

Climate, population and political changes have shaped and are continuously shaping physical, sociological, political and social environments. The recent acceleration of some of these processes questions us: **Where are we heading** as a complex interactive system made of living and inanimate elements? During these two weeks, we will tackle this question, by showing you the environment we live in and providing you with insight on how it came about and what it has undergone. Researchers from the University and guest lecturers invite you to discover these topics through various case studies. These studies will serve as the bases for the discussions and debates that you will actively participate in. At the end of the two-week program, you will have a better understanding of how mountainous environments respond to change and how living beings interact with these environments.

Both in-class and in the field, learn how the Alps arose and how plants and living beings in general adapt to change.

