

3 WEEKS
AT
ACCENT
FRANÇAIS
MONTPELLIER



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Focus on SUSTAINABLE DEVELOPMENT

Montpellier is the perfect destination for students interested in higher education in the fields of health, agronomy, and the environment. An important part of the program consists of site visits innovative enterprises active within a scientific and economic community that shares dreams, aspirations, and motivations. With its rich heritage in science, Montpellier enjoys international recognition, as the university consistently ranks among the top university in the world, according to the Shanghai rankings. Additionally, Montpellier is also known as the birthplace of modern medicine.

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This three weeks program on environmental themes enables participants to:

- > Engage in group discussions of problems and issues confronting scientists and engineers;
- > Reflect individually on potential careers in cutting-edge companies and on the education and training programs most likely to jump start those careers;
- > Meeting the major challenges of the 21st century in line with the Sustainable Development Goals and the Paris Agreement on Climate Change;
- > Promote innovative agricultural methods that use research, education, and training to ensure food security and environmental quality. This aims to manage our natural resources sustainably, address chronic and emerging diseases, and build societies that respect the environment, considering a projected global population of 9 billion by 2050.



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COURSE CONTENT

30 HOURS PER WEEK

■ **French as a foreign language: 15 hours per week**

> Acquisition and reinforcement of linguistic,

communicational, and intercultural foundations;

- > Acquisition and reinforcement of grammar and syntax;
- > Practice in written and oral communication.

■ **Science and technology module: 15 hours per week**

> A Campus France exclusive + thematic visits.

■ **Thematic conferences**

Discovering how to accommodate science, technology and social innovation in the evolution of sustainable development projects, by inviting students to become involved in their training process, so that they can play a real part in it. Focus on agriculture, renewable energies and sustainable building.

Non-contractual program, subject to change. A minimum of 10 students is required.



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Duration

3 WEEKS

Location

MONTPELLIER



PERIOD: June

French ⊕ Sciences & University housing

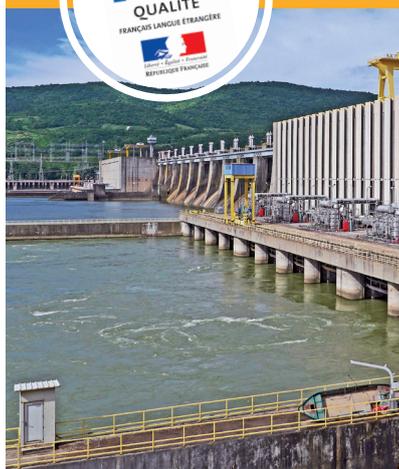
€2,900

French ⊕ Sciences & Host family

€2,550



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WEEK

1

RENEWABLE ENERGY

MONDAY

> Morning Montpellier city tour:

Montpellier is voted #1 city in France for its quality of life with 300 days of sunshine per year! This is the place to be to discover historical treasures of the Occitanie.

> Afternoon French course

TUESDAY

> Morning Sustainable development session with Enercoop:

Conference:
The challenges and levers of the energy transition: what can you do if you work in the renewable energy sector?

Speaker: Tom DESBERTRAND, EPF engineering diploma / Enercoop Languedoc-Roussillon.

> Afternoon French course

WEDNESDAY

> Morning Sustainable development session with Enercoop:

Workshop on designing a rooftop solar installation in order to simulate a self-consumption photovoltaic installation project.

Speaker: Elsa MELLON - Photovoltaic Research Officer and Project Management Assistance / Enercoop Languedoc-Roussillon and **Luc MARCHAND** - Renewable Energy Project Manager / Enercoop Languedoc-Roussillon.

> Afternoon French course

THURSDAY

> Morning Sustainable development session with Enercoop:

Visit and presentation of a ground-based photovoltaic energy production site, which is also the first park to be financed and managed by citizens on a former landfill site, without any money from the banks.

Speaker : Elsa MELLON - Photovoltaic Project Manager and Project Management Assistance.

> Afternoon French course

FRIDAY

> Morning Climate fresco with the University of Montpellier:

Conference on adapting buildings to climate change: what solutions?

Speaker: Sébastien EYMA - State diploma in architecture.

> Afternoon French course

SATURDAY

> Full day: excursion to Pezenas, Canal du Midi, Béziers, plage volcanique (volcanic beach).

SUNDAY

> Free day



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WEEK

2

 SUSTAINABLE HOUSING

MONDAY

> Morning Presentation of the University of Montpellier

> Afternoon French course

TUESDAY

> Morning Conference on 'Adapting buildings to climate change: what solutions?'

Droughts, heat, floods - the impact of climate change on buildings is no longer a distant threat, but a present reality. At the same time, the use of buildings and the manufacture of construction materials (steel, cement, and glass) are accelerating climate change, accounting for 28% and 11% of global CO2 emissions respectively.

What strategies and tools are available to make our built spaces truly resilient, while limiting the environmental impact of construction and renovation?

Let's explore the possible ways of proposing comfortable living spaces, mobilising collective intelligence in the service of low-carbon towns and villages adapted to global warming.

Speaker: Sébastien EYMA - State diploma in architecture.

> Afternoon French course

WEDNESDAY

> Morning Visit to the EQUINOXE residence, ECOE participative housing and its eco-construction model

The use of renewable energies, the recovery of rainwater and wastewater, the use of geosourced and biosourced materials and the comfort of users were at the heart of the project management's commitments.

The visit was led by a resident of ECOE, the citizens' cooperative behind the project,

which aims to create a new way of living: the socially and environmentally sustainable collective housing of the future.

> Afternoon French course

THURSDAY

> Morning In the shoes of a design engineer in an environmental consultancy: Workshop on the circular economy in the building industry:

'Assessing the environmental benefits of a materials reuse project by calculating the environmental impact of carbon and waste'.

The aim of this workshop is to use a practical case study to give concrete expression to the concept of the circular economy as applied to the building industry, and in particular the reuse of building materials.

- Presentation of the principle of reuse in the building industry and life cycle analysis of building materials

- Analysis of a practical case study
- Search for information in the national building database
- Calculation of environmental indicators
- Analysis of results

Speaker: Mathieu MUTEL - Director of the Capronis and Rémutéo design offices + and Gabriel BRASSEUR - Capronis.

> Afternoon French course

FRIDAY

> Morning Free

> Afternoon French course

SATURDAY

> Full day Excursion to Aix-en-Provence

SUNDAY

> Free day

WEEK

3

 RESILIENT AND SUSTAINABLE AGRICULTURE

MONDAY

> Morning Conference 'How is the agro-ecological transition shaping up in France?'

- Learn about the challenges and issues facing the future of agriculture in France.
- Discover examples of concrete projects in France aimed at creating agro-ecological solutions.
- Focus on agroforestry as an example of a solution.

Speaker: Daniella BLAKE is an agricultural economics researcher, writer and storyteller.

> Afternoon French course



TUESDAY

> All day Visit to the laboratories of CIRAD, the French agricultural research and international cooperation organisation for the sustainable development of tropical and Mediterranean regions, at one of its sites in Montpellier.

> Afternoon French course

WEDNESDAY

> Morning In the shoes of a researcher/head of an agroecology project: Workshop 'Analysing the effectiveness and agroecological relevance of an agroforestry system, through field interviews'.

- Learning what questions

to ask in order to diagnose an agroforestry project: the socio-economic and environmental context of the project, determining the physical and human limits, as well as identifying all the resources, advantages and disadvantages.

- Learn how to carry out a field survey: using an analysis grid, posture and data.
- Discover the aspects to be observed during a site visit.

Agroforestry site visit and practical application

- Application of the system evaluation methodology, by carrying out a field survey with scientists and farmers.
- Synthesis of results

Speaker: Daniella BLAKE is an agricultural economics

researcher, writer and storyteller.

> Afternoon French course

THURSDAY

> Morning Cirad lecture: Feedback from a researcher returning from expatriation and presentation of the UNESCO World Food Chair.

> Afternoon French course

FRIDAY

> Morning Review of the program

SATURDAY

> Departure day