



Universidade de Évora

Open call rules

Applications for Admission: Curso de formação em Fundamentos de Clima
(Fundamentals of Climate)
Academic Year 2024/2025

1. The program is promoted by

Universidade de Évora - Escola de Ciências e Tecnologia

2. Coordenador(a)

Ediclê de Souza Fernandes Duarte (edicle.duarte@uevora.pt)

3. Program description

Fundamentals of Climate course covers essential concepts in the physics of climate and climate change, such as radiation, the greenhouse effect, atmospheric and oceanic circulation, radiative forcing, feedback mechanisms and climate sensitivity. It also explores the relationship between climate and the climate system, including climate characterisation and climate classifications, with a specific focus on the climate of Portugal. It discusses the greenhouse effect in the atmosphere, the Earth's energy balance, and the general circulation of the atmosphere and oceans, with examples of ocean-atmosphere interactions. The course also covers the history of climate, radiative forcing and atmospheric composition, considering natural and anthropogenic impacts. Finally, recent climate change, methods of detection and attribution of causes are explored, as well as an introduction to climate models and their global and regional projections.

4. Objectives

5. General conditions of access and admission

i General conditions

Be over 18 years old and resident permit. If you do not have Portuguese nationality, you must have a residence permit and tax payer number .

ii **Specific admission conditions**

Meteorologist or meteorological observer from Portuguese Institute of the Sea and Atmosphere (IPMA) or other Meteorological Institutes; Civil Protection or Local Authority technicians; Bachelors or Masters in Physics or other related areas. Candidates referenced by the IPMA will have preference in the ranking.

iii **Required academic qualifications** Not applicable

iv **Necessary documentation**

- a) identification document;
- b) Curriculum Vitae;
- c) document proving the IBAN of the bank account held by the candidate, in which the name of the holder is mentioned;
- d) proof of residence permit, in the case of foreign students;
- e) document with tax identification number, in the case of foreign students;
- f) if applicable, proof of unemployment;

6. **Selection Process**

Date of application submission.

7. **Maximum number of admissions**

- Maximum number of admissions: 35

8. **Minimum number of students**

Minimum number of students: 10

9. **Tuition fee**

- Tuition fee: 50,00 €

This course is covered by the PRR's Adult Impulse. Students can receive two prizes: the participation prize, equal in value to the course fee, and the completion prize ([according to Regulation](#)), to be paid into a bank account held by the student.

10. **ECTS**

- Number of ECTS of the program: 1

11. **Horas de Contacto**

- Total de horas de contacto: 26

12. **Learning Type**

b-Learning

13. Schedule type

Labor

14. Classes location

University of Évora - School of Science and Technology

15. Classes schedule (week days and schedule)

23-28 January between 14:30-16:30h.

31 January between 14:30-16:30h.

16. Program Dates

- Program Start Date: January 20, 2025
- Program End Date: January 31, 2025

17. Application Dates

- Applications Start Date: December 16, 2024
- Applications End Date: December 27, 2024
- Announcement of Results (until): January 7, 2025
- Enrollments Start Date: January 7, 2025
- Enrollments End Date: January 9, 2025

December 16, 2024

The Rector

Hermínia Vasconcelos Vilar