



Universidade de Évora

Open call rules

Applications for Admission: Mestrado em Ciências da Terra e da Atmosfera (Earth and Atmospheric Sciences)
Academic Year 2025/2026

1. The program is promoted by

Universidade de Évora - Escola de Ciências e Tecnologia

2. Course Committee

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3. Program description

This Master course provides advanced knowledge in two areas of specialization (branches) related to the subsystems of Earth and Atmosphere, as well as the technologies and methodologies for observing, monitoring, and modeling these subsystems, with particular attention to various environmental aspects. The program aims to fill a gap in second-cycle offerings in this field available at Portuguese universities, by integrating knowledge and applications related to the Earth and Atmosphere.

The two areas of specialization offer some common disciplines, in order to provide the essential knowledge and competencies needed across various fields of Earth Sciences, with the specificity of each branch ensured by specialized courses.

The program is part of the research activities carried out at the Institute of Earth Sciences (ICT) as well as the Research Center in Science and Technology for the Earth System and Energy (CREATE), which strengthens the connection between the program and the latest scientific and technological innovations. Both units are involved in cutting-edge research in the areas of modeling and monitoring of natural and energy systems, promoting an interdisciplinary approach focused on sustainable solutions for the planet. They also offer excellent infrastructure that complements the program's training, including a network of meteorological stations in the region, an observatory dedicated to atmospheric environmental monitoring, precision instrumentation and optics laboratories for the development and calibration of environmental instruments, an environmental geochemistry laboratory equipped for the preparation and analysis of metals, nutrients, and other chemical elements in various geological matrices, as well as a wide range of geophysical instrumentation, including both permanent and temporary seismic networks. The program also includes a strong applied research component in technologies.

4. Specialization areas

- Meteorology and Geophysics (**available**)
- Environmental Rehabilitation (**available**)

5. Career opportunities

This master's degree provides advanced training at a research center of recognized international excellence (Institute of Earth Sciences), where the student has the opportunity to get in touch and be involved in the research carried out in this R&D unit. The main career opportunities can be listed: Portuguese Institute of Sea and Atmosphere (integrates the former Institute of Meteorology); National Laboratory of Civil Engineering; National Laboratory of Energy and Geology; Institutes, services and companies related to the environment, natural resources, restoration and rehabilitation of contaminated terrestrial and aquatic systems; Institutions and companies in the areas of Earth observation and environmental monitoring (hardware and software); Consultancy in the areas of environmental impact and geophysical prospecting; Liberal professional in the area of ??provision and analysis of technical services; Secondary, Higher Education and Research Career; Continuation of training for a third cycle.

6. Number of registration at DGES

R/A-Cr 44/2012/AL01

7. Number of accreditation process by A3ES

ACEF/2122/1100856

8. Program Creation Norm

Diário da República n.º 44 de 3 de março de 2020, Aviso n.º 3630

9. General conditions of access and admission

i Legal conditions for access to the cycle of studies leading to the master degree

Those who meet the following conditions may apply to the cycle of studies that leads to the master degree:

- Holders of the bachelor degree or legal equivalent;
- Holders of a foreign academic degree dully recognised as satisfying the objectives identical to the bachelor degree by the relevant scientific body of the higher education institution they wish to be admitted to;
- Holders of an academic, scientific or professional curriculum vitae that is recognized as attesting to the capacity to carry out this cycle of studies by the relevant scientific body of the higher education institution they wish to be admitted to.

ii Conditions of access to the cycle of studies at the Universidade de Évora

On the application date, the undergraduate students must satisfy conditions that guarantee the conclusion of their undergraduate degree until the 30th of October of the admission year. The admission and enrollment of these students is conditioned on the conclusion of the degree until this date, and the enrollment is canceled if the student does not complete the degree within that period

During the first application phase, students who have a maximum of 6 curricular units or 36 ECTS missing for conclusion of their degree can apply for the 2nd cycle; in the 2nd application phase students can apply if they have at most 3 curricular units missing and in the 3rd application phase if they have at most one curricular unit missing

The previous condition does not apply to students with a curriculum that reveals professional or scientific experience, which can be recognized by the competent scientific body, as attesting the students ability to carry out the masters degree/post-graduation, provided that the student required that recognition in the application process

iii **Specific admission conditions**

Holders of a degree in science or engineering or have a relevant curriculum in the field may apply.

10. Selection Process

- Academic Qualifications: 60%
 - Area of qualifications: 35%
 - Level of qualifications: 35%
 - Average grade in the highest qualification: 30%
- Curriculum Analysis: 40%
 - Professional Training in the area of the program or related fields: 30%
 - Professional Experience in the area of the program or related fields: 30%
 - Participation in research projects: 15%
 - Scientific and technical activities and publications: 15%
 - Training in transversal competences: 10%

11. Maximum number of admissions

- Maximum number of admissions for candidates with nationality of European Union countries: 12
- Maximum number of admissions for candidates without nationality of European Union countries: 8

Depending on the number of applications, there may be transfer of vacancies from the international students applications to the European Union students applications or vice-versa.

12. Minimum number of students

Minimum number of students: 8

13. Tuition fee

- Candidates with nationality of European Union countries: 1 050,00 €
- Candidates without nationality of European Union countries: 2 500,00 €
 - Annual Tuition fee for international students with merit scholarship: 1 050,00 €
 - Annual Tuition fee for international students with cooperation and development scholarship: 1 250,00 €

In the admission year, all students with international student status who have an undergraduate average of 15 or above (on a 0-20 scale) benefit from the international student merit scholarship tuition fee and all students from PALOP countries benefit from the tuition fee for international students with cooperation and development scholarship.

In the following years, to keep the merit or cooperation and development scholarship, the student has to meet the conditions stipulated in article 22 of the Academic Regulations of the University of Évora and the results are published until October 31 of each academic year, without the need to apply for the scholarship.

14. Organization / Duration

- a. **Duration of the program:** 4 semesters
- b. **Number of ECTS to obtain the degree:** 120
- c. **Number of ECTS to obtain the master's course (conclusion of the curricular part):** 78

15. Language(s) of teaching

- English
- Portuguese

16. Learning Type

b-Learning

17. Schedule type

Mixed

18. Classes schedule (week days and schedule)

Working schedule, from Monday to Friday

19. Program starting date

September de 2025

February 27, 2025
The Rector

Hermínia Vasconcelos Vilar