



Universidade de Évora

Edital

Applications for Admission to the Master Program in
Earth and Atmospheric Sciences
Academic year 2023/2024

1. The program is promoted by:

Universidade de Évora - Escola de Ciências e Tecnologia

2. Course Committee:

José Fernando Borges (jborges@uevora.pt)
Rita Maria Ferreira Fonseca (rfonseca@uevora.pt)
Maria João Costa (mjcosta@uevora.pt)

3. Program description:

This Master course provides advanced knowledge in two areas of specialization (branches), on the Earth and Atmosphere subsystems and on the technologies and methodologies of observation, monitoring and modeling of these subsystems, with particular concern for various environmental aspects. The course intends to fill a gap in the 2nd cycle offers in this area, available in Portuguese Universities, articulating in an integrated way the knowledge and applications related to the Globe and Atmosphere. The two areas of specialization have some common disciplines in order to provide the common knowledge and skills required for the various areas of Earth Sciences, and the specificity of each branch is ensured by specialty disciplines. The course is part of the research activities developed at the Institute of Earth Sciences (ICT), an FCT rated R&D Unit with Very Good. ICT has unique infrastructures in the areas of specialization of the course: network of meteorological stations in the region, observatory dedicated to atmospheric environment monitoring, precision instrumentation and optics laboratories for development and calibration of environmental instrumentation, environmental geochemistry laboratory equipped for the preparation and analysis of metals, nutrients and other chemical elements in various geological matrices, varied geophysical instrumentation , including several seismological stations.

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

The following individuals can apply for a cycle of studies leading to the master degree:

- holders of a Portuguese Licenciado degree or legal equivalent;
- holders of a foreign higher education undergraduate degree, which is recognized as satisfying the objectives of the degree of Licenciado by the competent scientific committee of the higher education institution where they wish to be admitted;
- holders of an academic, scientific or professional curriculum which is recognized as attesting the ability to carry out this cycle of studies by the competent scientific committee of the higher education institution where they wish to be admitted.

ii Conditions of access to the cycle of studies at the University of Evora

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 student's ability to carry out the master's 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 countries of the European Union: 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: 8

13. Tuition fee

- Candidates with nationality of European Union countries: 1050.00 €
- Candidates without nationality of countries of the European Union: 2500.00 €
 - Annual Tuition fee for international students with merit scholarship: 1050.00 €
 - Annual Tuition fee for international students with cooperation and development scholarship: 1250.00 €

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. Recognition of the course for progression in the teaching career of child educators and teachers in basic and high schools

According to article 54 of the Statute of the Teaching Career and the Ministerial Order no. 344/2008, of April 30th, this Master's degree is recognized by the Ministry of Education for career progression of:

Grupo de recrutamento 230 (Matemática e Ciências da Natureza) do 2.º Ciclo do Ensino Básico
Grupo de recrutamento 510 (Física e Química), 520 (Biologia e Geologia) e 530 (Educação Tecnológica) do 3.º Ciclo do Ensino Básico e Ensino Secundário

16. Language (s) of teaching:

- English
- Portuguese

17. Learning Type: B-learning

18. Schedule Type: Mixed

19. Classes schedule (week days and schedule)

Monday to Friday

20. Program starting date: September of 2023

February 14, 2023
The Rector

Hermínia Vasconcelos Vilar