Universidade de Évora

Open call rules

Applications for Admission: Doutoramento em Ciências da Terra e do Espaço (Earth and Space Sciences)
Academic Year 2026/2027

1. The program is promoted by

Universidade de Évora - Instituto de Investigação e Formação Avançada

2. Program Coordination

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3. Program description

The offer of a Doctoral Program in Earth and Space Sciences follows on from the Masters in Earth and Atmospheric Sciences (CTE), in Geology, in Geological Engineering, and the Erasmus Mundus ARCHMAT Master (Science of Archaeological Materials). It is a training offer strongly based on research carried out at the CREATE (Center for Sci-Tech Research in EArth sysTem and Energy), ICT (Institute of Earth Sciences) and at the HERCULES Laboratory (CULtural Heritage, Studies and Safeguarding), three research units integrated into the national scientific system and evaluated by the FCT with the classifications of "Very Good" (CREATE and ICT) and "Excellent" (HERCULES). The course is also strongly supported by the Departments of Physics and Geosciences and by research linked to Earth Observation carried out at the Earth Remote Sensing Lab-EaRSLab at the University of Évora. In this 3rd cycle course, advanced knowledge is provided in three areas of specialization - Earth, Atmosphere and Space subsystems, with training in methodologies for observation, monitoring and modeling of these subsystems, with a strong interdisciplinary potential in emerging domains from Natural and Technological Risks to the development of broad application technologies used in national (eg LNEG, LNEC, IPMA) and international (eg ESO, ESA) institutions. This proposal aims, on one hand, to offer a more homogeneous advanced training in Earth and Space Sciences perfectly suited to the spirit of Bologna and, on the other hand, to adapt better to the high level of competences of this University in these domains.

4. Specialization areas

- Physics of Atmosphere and Climate (**available**)
- Geophysics (**available**)
- Geological Processes (**available**)

5. Career opportunities

This advanced training allows to act as an expert consultant in areas such as: Natural and Technological risks (seismic, extreme meteorological and climate phenomena, mass movements, serious pollution, etc.) to support sectors such as land use planning and urban planning and industrial, built heritage including archaeological, security and civil protection, environmental impact and geophysical prospecting, among others. As main professional careers, the following can be listed: Instituto Português do Mar e da Atmosfera (IPMA); National Civil Engineering Laboratory (LNEC); National Laboratory of Energy and Geology (LNEG); Institutes, services and companies related to the environment, natural resources, built and archaeological heritage, recovery and rehabilitation of contaminated terrestrial and aquatic systems; Liberal professional in the field of technical services; Institutions and Companies in the areas of Earth observation and environmental monitoring (hardware and software); Secondary, Higher Education and Research Careers.

6. Number of registration at DGES

R/A-Ef 1793/2011/AL02

7. Number of accreditation process by A3ES

ACEF/2122/0513152

8. Program Creation Norm

Diário da República n.º 127 de 3 de julho de 2023, Aviso n.º 12619

9. General conditions of access and admission

i **Legal conditions for access to the cycle of studies leading to the doctorate (doctor) degree (Ph.D.degree)**

Those who meet the following conditions may apply to the cycle of studies that leads to the doctorate (doctor) degree (Ph.D.degree)

- Holders of the master degree or legal equivalent;
- Holders of a bachelor degree who have a particularly relevant academic or scientific curriculum vitae that is recognized as attesting 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;
- Holders of an academic, scientific or professional curriculum vitae that is recognised as attesting 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 **Specific admission conditions**

Appropriate master's degree in the area of Earth and Space Sciences or Curriculum Vitae considered relevant in this area

10. Selection Process

- Academic Qualifications: 60%
  - Area of qualifications: 40%
  - Level of qualifications: 30%
  - Weighted average (1st cycle and 2nd cycle ECTS, weighting based on ECTS completed in each cycle): 30%
- Curriculum Analisys: 40%
  - Professional Experience in the area of the program or related fields: 30%
  - Professional Training in the area of the program or related fields: 15%
  - Participation in research projects: 15%
  - Scientific publications: 15%
  - Teaching experince in training programs in the area of the program: 15%
  - Training in transversal competences: 10%

11. Maximum number of admissions

- Maximum number of admissions for candidates with nationality of European Union countries: 8
- Maximum number of admissions for candidates without nationality of European Union countries: 7

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.

Depending on the number of applications, vacancies may be transferred between the call for international students and the call for students from the European Union.

12. Tuition fee

- Candidates with nationality of European Union countries: 1 250,00 €
- Candidates without nationality of European Union countries: 2 500,00 €
  - Annual Tuition fee for international students with merit scholarship: 1 250,00 €
  - Annual Tuition fee for international students with cooperation and development scholarship: 1 450,00 €

  In the admission year, all students with international student status who have a grade C higher or equal to 16 (C= 0.6 x undergraduate average + 0.4 x master's average, both averages on the scale 0-20), benefit from the tuition fee for international students with merit scholarship 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.

13. Organization / Duration

a. **Duration of the program:** 8 semesters

b. **Number of ECTS to obtain the degree:** 240

14. Language(s) of teaching

- English
- Portuguese

15. Learning Type

Presential

16. Schedule type

Mixed

17. Classes schedule (week days and schedule)

To be defined with the students at the beginning.

18. Program starting date

September de 2026

February 12, 2026
The Rector

Hermínia Vasconcelos Vilar