



Universidade de Évora

Edital

Applications for Admission to the Master's in
Statistical Modeling and Data Analysis
Academic Year 2023/2024

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's is aimed at professionals and researchers from various areas (Biology, Health, Environment, Economics, Engineering, Business, Social Sciences, Exact Sciences) who wish to acquire/deepen their knowledge of statistical methodologies and their applications. Its main objectives are: To provide a solid training in statistics with a strong application component, necessary for the performance of a professional activity, possibly integrated in multidisciplinary teams, or for the continuation of studies. To allow professionals, researchers and possible interested parties from different areas, to deepen their statistical knowledge for use in their professional or scientific life. Provide methods and techniques of statistics appropriate for solving real problems. Open research perspectives in different areas of Probability and Statistics. Promote employability, innovation and statistical training of the Portuguese population.

4. Career opportunities

Banks; Insurance Companies; Hospitals; Research Institutes; Market Research Companies; National Institute of Statistics; Local and Central Government Administration; Companies with a Department of Statistics and Data Analysis (among others).

5. Number of registration at DGES

R/A-Ef 1730/2011/AL03

6. Number of accreditation process by A3ES

ACEF/1920/0305992

7. Program Creation Norm

Diário da República n.º 91 de 11 de maio, Aviso n.º 9508/2022

8. 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 fully 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

Candidates must have a higher education degree, at least at a 1st cycle level. Candidates must have completed at least one course unit in Probabilities and Statistics.

9. Selection Process

- Academic Qualifications: 70%
 - Training in Mathematics: 40%
 - Level of qualifications: 30%

- Average grade in the highest qualification: 30%
- Curriculum Analysis: 30%
 - Professional Experience in the area of the program or related fields: 30%
 - Scientific and technical activities and publications: 30%
 - Professional Training in the area of the program or related fields: 20%
 - Participation in conferences and similar activities: 10%
 - Participation in research projects: 10%

If necessary, for example in a tie situation or if further clarification is required on some point of the assessment, candidates may be invited to face-to-face or videoconference interviews.

10. Maximum number of admissions

- Maximum number of admissions for candidates with nationality of European Union countries: 10
- Maximum number of admissions for candidates without nationality of European Union countries: 10

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.

11. Minimum number of students

Minimum number of students: 8

12. 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.

13. 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):** 66

14. Language(s) of teaching

- Portuguese

The course is ministred in Portuguese. There is tutorial support in English, or materials are available in English, when there are students whose native language is not the Portuguese.

15. Learning Type

Presencial

16. Schedule type

Mixed

17. Classes schedule (week days and schedule)

From 17h onwards on weekdays and/or Saturdays from 9 until 13 pm.

18. Program starting date

September de 2023

February 11, 2023
The Rector

Hermínia Vasconcelos Vilar