



Universidade de Évora

Edital

Applications for Admission to the Master Program in
Statistical Modeling and Data Analysis
Academic year 2022/2023

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 program is directed for professionals and researchers in different 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 stats with a strong applied approach, necessary to a professional activity, eventual integration in multidisciplinary teams or further education; allow professionals, researchers and other interested students from different areas to deepen their stats knowledge for use in their scientific and professional life; provide statistical methods and techniques for real problems resolution; promote research activities in different areas of Probability and Statistics; promote employment, innovation and the statistical formation in Portugal; provide a solid training for further studies in Statistics or another area that needs strong background in statistics.

4. Specialization areas:

- Branch of Applications in Biological, Health and Environmental Sciences (**not available**)
- Branch of Applications in Economic and Management Sciences (**not available**)
- Statistical Modeling and Data Analysis (**available**)

5. 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).

6. Number of registration at DGES:

R/A-Ef 1730/2011/AL01

7. Number of accreditation process by A3ES:

ACEF/1920/0305992

8. Program Creation Norm:

Diário da República n.º 222 de 19 de novembro, Aviso n.º 16757/2018; Declaração de Retificação n.º 79/2019, Diário da República (2ª Série), nº 15 de 22 janeiro

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

Applicants must have a higher education degree, at least a Bachelor's level (First cycle). Applicants should have at least one curricular unit in Probability and Statistics.

10. 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%

Observations regarding the selection process:

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.

11. 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 countries of the European Union: 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.

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):**
72

15. Language (s) of teaching:

- Portuguese

The course is ministred in Portuguese. There might be some tutoring to foreign language students in English.

16. Learning Type: Presential**17. Schedule type: Mixed****18. Classes schedule (week days and schedule)**

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

19. Program starting date: September of 2022

January 7, 2022
The Rector

Ana Costa Freitas