



# Universidade de Évora

## Edital

Applications for Admission to the Master Program in  
Statistical Modeling and Data Analysis  
Academic year 2020/2021

### 1. The program is promoted by:

Universidade de Évora - Escola de Ciências e Tecnologia

### 2. Executive Monitoring 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:**

Public and private entities, e.g., 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/1314/05992

## **8. Program Creation Norm:**

Diário da República n.º 221 de 17 de novembro, Aviso n.º 14309/2016; Declaração de Retificação n.º 1203/2016, publicada em DR n.º 236, 2ª Série de 12 de dezembro, Aviso n.º 16757/2018, publicado no DR, 2ª Série, n.º 222 de 19 de novembro e pela Declaração de Retificação n.º 79/2019, DR, 2ª Serie, n.º 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**

This course is open to students with a 1st cycle degree in any area.

## 10. Selection Process:

- Academic qualifications: 70%
  - Area of qualifications: 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: 35%
  - Scientific and technical activities and publications: 25%
  - 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: 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 €

All students with international student status who have an undergraduate degree grade which is equal to or higher than 15 (in a scale of 0-20), will have a reduced tuition fee in the first year of the program due to the merit scholarship. To maintain this reduced tuition fee in the following years, the student has to pass all curricular units and have an average grade equal or above the minimum merit grade. All students with international student status from PALOP countries, will have a reduced tuition fee in the first year of the program due to the cooperation and development scholarship. To maintain this reduced tuition fee in the remaining years the student has obtain a minimum academic performance.

**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

If the number of students that needs the use of another language justifies, classes can be taught in English. The tutorial support can be performed in Portuguese or English.

**16. Learning Type: Presential**

**17. Schedule type: Post-labor hours**

**18. Classes schedule (week days and schedule)**

Friday afternoon and Saturday all day.

(if all students are available, the course may work on other days and times)

**19. Program starting date: September of 2020**

January 28, 2020  
The Rector

Ana Costa Freitas