



# Universidade de Évora

## Edital

Applications for Admission to the Master Program in  
Mathematics  
Academic year 2023/2024

### 1. The program is promoted by:

Universidade de Évora - Escola de Ciências e Tecnologia

### 2. Course Committee:

Vladimir Alekseevitch Bushenkov (bushen@uevora.pt)  
Russell Alpizar-Jara (alpizar@uevora.pt)  
Pedro Macias Marques (pmm@uevora.pt)

### 3. Program description:

The Master in Mathematics has as its main objective to provide a solid formation in the fundamental areas of Mathematics and in the field of its applications. Students who have this mathematical background will be able to face complex challenges and will be prepared to solve problems that require abstraction and operative/quantitative activities. They will also have the opportunity to start in scientific research, deepening their knowledge on a specific topic in Mathematics, under the guidance of teachers from the Department of Mathematics and/or researchers from the Center for Research in Mathematics and Applications. In addition, this Master also allows the acquisition of the scientific training necessary to access the Doctoral Program in Mathematics or doctorates in different scientific areas of Science, Engineering and Technology.

### 4. Career opportunities:

Mathematics is a fundamental science with applications in all areas of knowledge. There is a high rate of employability of professionals in Mathematics, whose training is essential for a developing society. In addition to allowing progression in the professional teaching career, it also allows hiring by companies that require qualitative and quantitative skills in the area; namely banks, insurance companies, cryptographic services, research units or institutes, hospitals, data analysis consultants in industry, medical sciences and engineering. In addition, it allows the continuation of training in a third cycle of studies.

### 5. Number of registration at DGES:

R/A-Cr 26/2022

## 6. Number of accreditation process by A3ES:

NCE/21/2100165

## 7. Program Creation Norm:

Diário da República n.º 192 de 4 de outubro de 2022, Aviso n.º 19040

## 8. 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.

## 9. Selection Process:

- Academic qualifications: 40%
  - Training in Mathematics: 50%
  - Area of qualifications: 30%
  - Level of qualifications: 20%
- Curriculum analysis: 40%
  - Scientific and technical activities and publications: 30%
  - Professional Training in the area of the program or related fields: 50%
  - Participation in conferences and similar activities: 10%

- Participation in research projects: 10%
- Interview: 20%
  - Motivation and commitment: 40%
  - Specific vocational aptitude: 30%
  - Availability: 20%
  - Understanding the objectives and professional exits of the program: 10%

## **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 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.

## **11. Minimum number of students: 8**

## **12. 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

## **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):**

75

**14. Language (s) of teaching:**

- Portuguese

The course is given in Portuguese. There is tutorial support in English, or materials are made available in English, when there are students whose mother tongue is not Portuguese.

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

From 5 pm on weekdays and/or Saturday from 9 am to 1 pm.

**18. Program starting date: September of 2023**

February 11, 2023  
The Rector

Hermínia Vasconcelos Vilar