



# Universidade de Évora Universidad de Extremadura

## Edital

Applications for Admission to the Post-Graduate Program in  
Water Resources Planning and Management  
Academic year 2021/2022

### 1. The program is promoted by:

Universidade de Évora - Escola de Ciências e Tecnologia  
Universidad de Extremadura

### 2. Study program in Consortium:

- a. **Type of Consortium:** International
- b. **Type of Agreement:** Distribution of applications (all partner institutions receive applications and the enrollment is distributed among all the partner institutions)
- c. **Coordinator Institution:** Universidade de Évora
- d. **Partner Institutions:**
  - Universidade de Évora
  - Universidad de Extremadura
- e. **Specific Regulation:** Yes
- f. Universidade de Évora
  - **Applications:** SIIUE; Deadline: 27/09/2021
- g. Universidad de Extremadura

h. **Executive Program Committee:**

Carlos Miranda Rodrigues (UÉvora)

Raquel Pérez-Aloe Valverde (UEX)

Rita Cabral Guimarães (UÉvora)

Pedro Modesto Álvarez Peña (UEX)

### **3. Program description:**

The proposed graduate course consists of 60 ECTS, taught between the University of Évora (UÉvora) and the University of Extremadura (UEX).

The program of the course was structured in six formative modules of 12 ECTS of mandatory or optional character. Modules 1-5 are optional and module 6 is mandatory. The modules of 12 credits are made up of two Curricular Units (UCs) of 6 ECTS each, where the student acquires the specific skills. However, to cover the training needs that the student may need in the study of the different modules, a Basic module is proposed, consisting of four UCs of 3 ECTS each.

Modules 1, 3 and 4 are the responsibility of UÉvora (in module 1 the UC: Chemistry and biochemistry of aquatic systems. Is taught by UEX). Modules 2, 5 and 6 are the responsibility of UEX.

The modules and the respective UCs included in the study plan are:

- Module 1.- Basic. Optional
  - Basic hydraulics.
  - Hydrology and water resources planning.
  - Chemistry and biochemistry of aquatic systems.
  - Soil-Water-Plant-Atmosphere relationships.
- Module 2.- Water quality and treatment. Optional
  - Water quality
  - Water Integral Cycle
- Module 3.- Water for Agricultural use. Optional
  - Technology of irrigation systems .
  - Precision agriculture
- Module 4.- Watershed Management. Optional
  - Geographic information technologies for watershed management.
  - Watershed management.
- Module 5.- Network and infrastructure technology. Optional
  - Management of supply and sanitation networks
  - Maintenance and conservation of storage and regulation infrastructures
- Module 6.- Comprehensive process management. Mandatory
  - Project
  - Final work

To complete the Post-Graduation, the student must complete 60 ECTS, being awarded a diploma by each institution.

### **4. Career opportunities:**

Taking into account the specific objectives of the course, holders of a postgraduate degree in water resource planning and management will be entitled to perform functions:

- planning and management of water resources in Central, Regional and Local Administration Services;
- management of urban transport and distribution systems, storage and treatment of water and waste water, in management entities of urban water and waste water systems;
- management of water transport and distribution systems in irrigated watering, in Irrigations Associations; - water and energy management in the parcel, in farms or agricultural enterprises.

## 5. Program Creation Norm:

Diário da República n.º 243 de 17 de dezembro, Aviso n.º23347/2021

## 6. General conditions of access and admission:

### i Conditions for access to the post-graduate program

The following individuals can apply for a post-graduate program:

- 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 Specific admission conditions

1. Can apply for this Course:

- a) Holders of a bachelor's degree or legal equivalent, in Portugal and Spain, in the scientific area of the course;
  - b) Holders of an academic degree outside Portugal and Spain that is recognized by the course Commission;
  - c) Professionals who demonstrate extensive knowledge in the field of water resources planning and management.
2. Students who anticipate meeting the entrance requirements before the completion of the Course may enroll conditionally. In the case of the student does not meet the required access requirements prior to completion of the Course, the enrollment will be canceled without the right to return the tuition fees paid.
3. For access to the Course, 2 places are reserved for students who do not meet the minimum qualification requirements for access to these studies, whenever have a professional experience greater than or equal to 10 years in areas professionals coincident with the course theme.

## 7. Selection Process:

- Academic qualifications: 70%
  - Academic qualifications: 100%
- Curriculum analysis: 30%
  - Curriculum analysis: 100%

## 8. Maximum number of admissions

- Maximum number for admission: 20

**9. Minimum number of students: 10**

**10. Tuition fee**

- Tuition fee: 2100.00 €

**11. Organization / duration:**

a. **Duration of the program:** 2 semesters

b. **Number of ECTS to obtain the post-graduate program:** 60

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

- Portuguese
- Spanish

**13. Learning Type: B-learning**

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

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

Working days: 18 - 21 h

**16. Program starting date: October of 2021**

August 26, 2021  
The Rector

Ana Costa Freitas