Universidade de Évora

Open call rules

Applications for Admission: Curso de formação em Análise das estatística, da causalidade e do risco de incêndios rurais para adequação de intervenções de mitigação às causas, à incidência e ao risco (Analysis of statistics, causality, and the risk of rural fires for adapting mitigation interventions to the causes, incidence, and risk.)
Academic Year 2024/2025

1. The program is promoted by

Universidade de Évora - Escola de Ciências e Tecnologia

2. Coordenador(a)

Nuno Manuel Cabral de Almeida Ribeiro (nmcar@uevora.pt)

3. Program description

It is expected that, following the regular implementation of this action, the SGIFR agents responsible for planning and organizing programs and campaigns to reduce the number of incidents, determining the causes of fires, and identifying and proposing risk mitigation measures, will have the necessary capacity to use the available decision-support information and tools, in order to design the most effective and efficient intervention strategies and to identify and propose possibilities for continuous improvement.

4. Objectives

1. To understand the current legislation related to rural fires and the use of fire.
2. To know the cause classification matrix and understand its relationship with deterrent and mitigation actions.
3. Master the concepts associated with the IR of incidence, recurrence, return interval, and simultaneity.
4. Master the concepts associated with the IR of danger, hazardousness, probability, value, and risk.
5. Knowledge of the climatic, cultural, historical, and socioeconomic factors associated with the use of fire and their implications for the incidence of rural fires.
6. Access and explore databases with statistics and/or georeferenced data on occurrences, causes of

rural fires, fire history, use of fire, and land use.
7. Relate causes, potential objectives, and impacts with weather conditions, meteorological indices for fire behavior, suppression capabilities, and defense priorities.
8. Identify defense priorities based on the values at risk.
9. Develop relational databases, statistical analyses, and visualization dashboards using tools like Excel, Power Pivot, Power BI, or others.
10. Identify, parameterize, and use the key factors in rural fire risk analysis.
11. Create visuals to communicate results concisely, attractively, and intelligibly.

5. General conditions of access and admission

i **Specific admission conditions**

Level >=6 PNQ.

Only trainees referred by the B-Ready4Future.com project will be admitted to the course.

ii **Required academic qualifications** Not applicable

iii **Necessary documentation**

a) identification document;

6. Selection Process

Date of application submission.

7. Maximum number of admissions

- Maximum number of admissions: 190

8. Minimum number of students

Minimum number of students: 60

9. Tuition fee

- Tuition fee: 0,00 €

10. ECTS

- Number of ECTS of the program: 2

11. Horas de Contacto

- Total de horas de contacto: 36

12. Learning Type

e-Learning

13. Schedule type

Mixed

14. Classes location

B-Learning

15. Classes schedule (week days and schedule)

09:00H - 20:00H

16. Program Dates

- Program Start Date: March 1, 2025
- Program End Date: May 31, 2025

17. Application Dates

- 1st Phase
    - Applications Start Date: December 20, 2024
    - Applications End Date: January 10, 2025
    - Announcement of Results (until): January 15, 2025
    - Enrollments Start Date: January 20, 2025
    - Enrollments End Date: January 23, 2025
- 2nd Phase
    - Applications Start Date: -
    - Applications End Date: -
    - Announcement of Results (until): January 24, 2025
    - Enrollments Start Date: January 24, 2025
    - Enrollments End Date: January 27, 2025

January 23, 2025

The Rector

Hermínia Vasconcelos Vilar