

**Erasmus + Blended Intensive Programme**

# **International Forum on Governance, Information Systems Management and Industry 4.0 (3 points ECTS)**

**Two parts:**

- 1) On line courses in March 2023 (10 hours) with an assignment to complete in groups**
- 2) 18TH MARCH - 25TH MARCH stay in CARTAGENA, SPAIN**

**CONFERENCES | SEMINARS | DEBATES |  
WORKSHOPS**

# DESCRIPTION

*Governance is crucial to ensuring the smooth running of an organisation, especially in the context of information systems management, where technology and people are planned, organised and controlled to achieve strategic objectives.*

*Industry 4.0 transforms companies through the integration of advanced technologies such as artificial intelligence, the Internet of Things and automation. This allows companies to innovate, improve operational efficiency, provide personalised products and services, make data-driven decisions, develop new business models and maintain assets through predictive maintenance. Adapting to Industry 4.0 provides competitive advantages and the ability to thrive in a dynamic and technologically advanced business environment.*

*In the age of Industry 4.0, the integration of advanced 4.0 technologies into manufacturing operations requires strong governance to guarantee efficiency, flexibility and security in the digital transformation of industries.*

*Our international week offers the opportunity to learn about different techniques and technologies involving governance, information systems management and technology and business 4.0. The course, in the form of an international forum, includes participation in seminars and workshops, group work, supported by visits to companies to consolidate the knowledge acquired.*

## **EXPENSES**

Individual support from the BIP (Erasmus+ grant) covers expenses related to travelling, accommodation, meals (breakfast, lunch, dinner). This individual support is provided by the home institution within the framework of the Erasmus+ programme. All cultural activities, such as excursions, the welcome dinner and others (to be specified), are covered by the organising institution.

### **Languages:**

Portuguese, Spanish, English

## **CONDITIONS**

The minimum number of participants funded by Erasmus+ is 15 (not including the teaching/training staff involved in implementing the programme). Individual BIP support (Erasmus+ grant) and, where applicable, travel support for participants in the face-to-face activity, is provided by the sending organisation (and by the receiving higher education institution in the case of invited staff from companies and participants from third countries not associated with the Programme funded by External Action instruments).

## V1 PROGRAMME

### Day 1:

#### ***Morning***

Registration and welcome

Presentation and visit to the University of the Polytechnic University of Cartagena

#### ***Afternoon***

Catamaran trip in Cartagena Bay

### Day 2:

#### ***Morning***

Keynote lecture on Information Systems Governance

Presentation of the students' work

#### ***Afternoon***

Visit to CEEIC (European Business and Innovation Centre of Cartagena) and Smart city of Cartagena

### Day 3:

#### ***Morning***

Keynote lecture on Industry 4.0. 4.0 demonstrations

#### ***Afternoon***

Visit to an industrial or agribusiness company (to look at robotisation)

Visit to the Roman Theatre in Cartagena

## V1 PROGRAMME

### Day 4:

#### ***Morning***

Keynote lecture on Business Intelligence.

Presentation of students' work

#### ***Afternoon***

Visit an agribusiness, industrial or service company (to target a BI solution)

National Museum of Underwater Archaeology.

Tasting dinner of Cartagena's gastronomy.

### Day 5:

#### ***Morning***

Lecture on the importance of project management

Presentation of students' work

#### ***Afternoon***

Closing of the event.

Visit to the "Licor43" company