

1 TO 5 JULY 2024  
UNIVERSITY OF ALMERÍA  
(SPAIN)

# DIGITAL TRANSFORMATION OF AGRO-COMPANIES

ERASMUS+ BIP:  
BLENDED  
INTENSIVE  
PROGRAMME



## Booking till 3rd May 2024

Participants will get 3 ECTS



## Audience

Undergraduate, master and doctoral students in the fields of Agriculture, Food and Computer Engineering with English B2 certification or similar skills.



## Objectives

To help current students (future leaders of agro companies) understand the importance of committing to digital transformation and how to carry it out in order to make them much more competitive and sustainable.

- Understand that a company needs to increase its digital maturity to be competitive implementing IT governance, digitization and digital transformation initiatives, all together.
- Know the main information systems that an agro-company should use to digitize and which are the emerging technologies available to carry out its digital transformation.
- Discover success cases of agro-companies from all over the world that have carried out their digital transformation and have become smart agro companies.
- Understand the roadmap to digitally transform itself and design a set of recommendations to digitally a real company.

## PROGRAMME

The course begins with 5 days of physical activities in Almería (20 in person hours). The **program** below includes the visit to several digitalized agro-companies and to know a lot of digital transformation success cases.

### Day 1

4h

- Opening session: Digital maturity of an enterprise
- How to implement the digital transformation of an enterprise
- Information systems for an agro-enterprise: ERP, CRM, BPM, etc.
- Emerging technologies to digital transformation: big data, blockchain, IA, machine learning, drones, RPA, etc.

### Day 2

4h

- ISO 38500 Corporate governance of IT
- Successful of the digital transformation relies on good IT governance
- Best practices of IT governance for an agro-enterprise

### Day 3

4h

- Smart-agro technologies to an enterprise
- HISPATEC: Successful cases of digital transformation around the world



### Day 4

4h

- Visit to Central Office of Unica Group to know its digital transformation successful case
- Visit to Tecnova I+D Laboratory to know IT trends to digitalization of an agro-enterprise



### Day 5

4h

- Visit to a smart-greenhouse at the Ual Anecoop Experimental Farm Foundation
- Visit to an automated packaging warehouse of Agroponiente
- Closing session: Road to digital transformation of an agro-enterprise



## Virtual Component

After 5 days in person in Almería, and for a period of 2 weeks (dedication of 16 hours), each team will carry out autonomous work and online meetings to solve the proposed exercise (*assessing the digital maturity of a real agro-company and writing a report including a set of recommendations for its digital transformation*).







Genoveses Beach in Cabo de Gata Natural Park ([www.cabogataalmeria.com/en](http://www.cabogataalmeria.com/en))

FREE

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**All the afternoons and  
the weekend free to...**

enjoy our wonderful beaches, delicious food, the joy of our people,  
get to know our culture and our heritage sites.