

June 30th to July 4th, 2025
UNIVERSITY OF ALMERÍA
(SPAIN)

DIGITAL TRANSFORMATION OF AGRO-COMPANIES

ERASMUS+ BIP:
BLENDED
INTENSIVE
PROGRAMME



Registration till 2nd May 2025

Participants will get 3 ECTS



Participating students' profile

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. Students will:

- Understand that a company needs to increase its digital maturity to be competitive implementing IT governance, digitization and digital transformation initiatives, all together.
- Learn about the main information systems that an agro-company should use to digitize and the emerging technologies available to carry out its digital transformation.
- Learn about 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 will be able to design a set of recommendations to digitally a real company.

PROGRAMME

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

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 learn more about its digital transformation successful case
- Visit to Tecnova I+D Laboratory to learn more about IT trends in 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 the on-site mobility in Almería, and for a period of 2 weeks of collaborative online work (16 hours total), each team of students will 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)

FREE



**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.