







A SEA OF KNOWLEDGE STUDY ABROAD

Training in Microalgae-Related Industrial Processes

An integral perspective of microalgae biotechnology from laboratory to industrial scale

Join an international hands-on course at the forefront of microalgae biotechnology and industrial innovation.

COURSE MODULES

-  **Microalgae Biology and Growth:** Photosynthesis, physiology and cultivation strategies.
-  **Photobioreactor Engineering:** Design and operation of open and closed reactors.
-  **Monitoring, Modelling & Control:** Sensors, digital monitoring and process optimisation.
-  **Harvesting and Biomass Processing:** Dewatering, cell disruption and biorefinery concepts.
-  **Techno-Economic and Sustainability Assessment:** Process feasibility, TEA-LCA
-  **Applications and Markets:** Food, feed, wastewater treatment and bio-products.

LEARNING EXPERIENCE

-  Lectures by international experts
-  Hands-on laboratory training
-  Industrial site visits
-  Pilot-scale microalgae facilities
-  Simulation and process modelling tools
-  Networking with researchers and industry



INDUSTRIAL VISITS




- SABANA Demonstration Platform
- Biorizon Biotech
- Aqualia
- Chlydro



SOCIAL VISITS AND ACTIVITIES

Beyond the academic programme, participants will also enjoy selected cultural visits, including Cabo de Gata Natural Park and La Alhambra in Granada, offering an unforgettable international experience in southern Spain.

REGISTRATION

-  Registration deadline: 25 May 2026
-  Registration: sabroad@ual.es
-  Optional accommodation available

LOCATION AND DATES

-  University of Almería – Spain
-  6–17 July 2026
-  50 hours training

SUPPORTING

