



## The project



- The Agrifood campus of international excellence (*ceiA3*) is a joint initiative between 5 universities from Southern Spain: Almería /UAL, Cadiz /UCA, Huelva /UHU, Jaen /UJA and Cordoba /UCO (coordinator)
- The project involves also 19 centres belonging to the Andalusian Institute for Research and Training in Agriculture, Fisheries, Foods and Organic Production (IFAPA), and 7 centres from the Spanish National Research Council (CSIC) in Andalusia. These centres are specialized in the Agrifood sector and include: the Institute for Sustainable Agriculture (IAS), the Institute for Advanced Social Studies (IESA), the Fats Institute (IG), the Institute for Natural Resources and Agrobiology (IRNAS), the Institute for Plant Biochemistry and Photosynthesis (IBVF), the Zaidin Experimental Station (EEZ), and La Mayora Experimental Station (EELM)
- The *ceiA3* will be a model of excellence in **teaching, research and knowledge transfer** in the Agri-food field



## Objectives

- Our project seeks to modernize and internationalize our universities so that they become a driver of change to transform the traditional economic model into a sustainable productive model based on knowledge and innovation
- The *ceiA3* will promote this change by bringing together institutions in the same geographical area that generate knowledge (universities, research centres, and technology parks)
- The *ceiA3* project in particular seeks to position the participating universities as an international leader of quality and excellence in the Agrifood sector as a key player in the development of the agrifood sector of Andalusia
- In 2015 the *ceiA3* will be a national pioneer and international leader of quality and excellence, developing the Agrifood sector of Andalusia at the forefront of research, transfer and the training of experts in:
  - Food production systems
  - Agrifood safety
  - Protection of the environment through sound Agrifood practices

# Courses offer



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UNIVERSIDAD DE ALMERÍA | I.C.A. | UNIVERSIDAD DE CÓRDOBA | UNIA | UNIVERSIDAD DE JÁEN



## Degrees related with Agrifood

The best professionals ready to launch out into the labour market

	UAL	UCA	UCO	URU	UJA
Business Administration and Management	●	●	●	●	●
Biology			●		●
Biochemistry			●		
Environmental Sciences	●	●	●	●	●
Environmental Sciences and Geology			●	●	
Marine Science			●		
Food Sciences and Technology			●		
Law	●	●	●	●	●
Law and Business Administration and Management	●	●	●	●	●
Economics	●	●	●	●	●
Genology		●	●		
Statistics and Business			●		●
Agricultural Engineering			●	●	
Rural Agrifood			●	●	
Agricultural Engineering (ECO - a technologies)	●		●		
Energy Resources Engineering			●		●
Forestry Engineering			●		
Chemistry Engineering		●	●	●	
Industrial Chemistry Engineering		●	●	●	
Marketing and Research	●	●	●	●	●
Chemistry	●	●	●	●	●
Veterinary Medicine			●		

UAL University of Almería | UCA University of Cádiz | UCO University of Córdoba  
URU University of Huelva | UJA University of Jaén

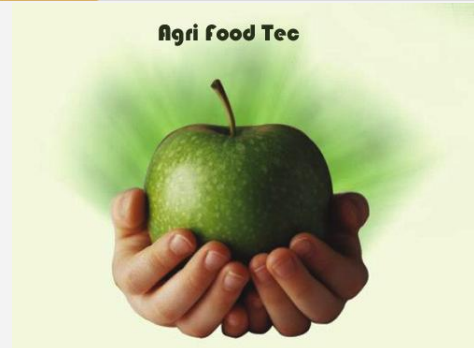
# Masters offer



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## Agri food Tec



## Expert qualified specialization covering a wide-range of areas in Agrifood

### University

	UAL	UCA	UCO	URU	UJA
Advances in Food Safety					●
Agri-Industrial Plants: Projects and Management			●		●
Animal Breeding, Medicine and Health			●		
Applied Advanced Chemistry	●				
Aquaculture and Fisheries: Marine Resources and Sustainability (ACUIPESCA)			●		
Business Management					●
Engineering and Architecture Design					●
Genetics and Evolution					●
Global Change, Natural Resources and Sustainability			●		
Greenhouse Production Innovation and Technology	●				
Industrial and Agrifood Biotechnology	●				
International Business Management and Languages					●
Mental Health, Genetics and Environment	●				
Molecular and Cellular Biotechnology and Genetics			●		
Nutrition and Metabolism			●		
Olive Growing and Oil Technology			UCO - CSID		
Olive Growing, Olive Oil and Health					●
Pesticide Residues and Contaminants. Food and Environmental Control	●				
Plant Breeding, Protection and Production			●		
Prevention of Occupational Risks	●				
Protected Crop Plant Production	●				
Renewable Energies					●
Spatial Strategies and Local Environmental				●	
Territorial Rural Development			●		
Water and Environment in Semi-arid Areas	●				

### Interuniversity

Agri-food	UCO - UCA
Agroecology: A Sustainable Approach to Organic Farming	UCO - UNIA - UPO
Product Formulation and Technology. Applications for the Chemical, Agrifood and Pharmaceutical Industries	URU - UNIA
Viticulture and Oenology in Warm Climates	UCO - UCA
Zootecnics and Sustainable Management: Organic and Integrated Livestock Breeding	UCO - URU

UNIA International University of Andalusia | UPO University Pablo de Olavide

# Doctorate Programs



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## An excellence career as researchers' training profiles

	UAL	UCA	UCO	UHU	UJA
Advanced Chemistry	●				
Agro-Industrial-Plant Engineering		●			
Analysis and Management of Ecosystems			●	●	
Animal Husbandry and Sustainable Management			●	●	
Applied Chemistry					●
Biotechnology and Industrial Bioprocesses	●				
Applied to Agri-food, Environment and Health					●
Business Administration and Economics		●			
Chemical Processes and Products				●	
Chemical Science and Technology					●
Environmental and Applied Sciences	●				
Fine Chemistry					●
Food Safety					●
Greenhouse Production Innovation and Technology	●				
Legal and Business Sciences					●
Life and Agri-food Sciences				●	
Mental Health, Genetics and Environment	●				
Olive Oil					●
Rural Development				●	
Sustainable Agriculture	●				
Sustainable and Natural Resources			●		

UAL University of Almería | UCA University of Cadiz | UCO University of Cordoba  
UHU University of Huelva | UJA University of Jaen



## Research Thematic Lines

Leading-edge research for a sustainable and healthy future

- Agricultural and Environmental Technologies
- Agricultural Economics, Policy and Law
- Animal Breeding and Health
- Biodiversity and the Environment
- Bioenergy
- Chemistry and Agri-foods
- Food Quality and Safety
- Food Technology and Oenology
- Information Technologies and Biocomputing
- Integrative Biology (Genetics, Physiology, Biochemistry, Cell Biology, Microbiology, etc.)
- Nutrition and Health
- Plant Breeding and Health
- Rural Engineering and Agricultural and Food Engineering
- Soil Erosion, Conservation and Fertility
- Sustainable Territorial, Rural and Tourism Development
- Water Resources









## Internationalization activity

### Coordination with other structures outside the [ceiA3](#)

The 5 universities integrating the [ceiA3](#) collaborate with other outside institutions to develop its R&D&I policy:

- 7 Interuniversity groups for excellence in research
- 7 Incorporation of researchers of recognised merit
- 7 “In and out” mobility of researchers, pre- and post-graduate students, and teachers



## Knowledge and Technology transfer

- Knowledge and technology transfer is coordinated through the Research, and Innovation Division of the [ceiA3](#) management structure with the support of the Offices for the Transfer of Research Results (OTRIs) of the 5 universities
- The 5 universities currently manage knowledge and technology transfer to the socio-economic sphere through their OTRIs, responsible for providing support services and technical assistance to both research groups and companies. At present, the five universities hold more than 300 patents and have created 48 Technology Based Enterprises (TBEs)
- In addition, technology parks collaborate and support the [ceiA3](#) project: the PITA Science and Technology Park of Almeria, the Rabanales 21 of Cordoba, the Business, Science and Technology Park of Huelva, the Geolit Science and Technology Park of Jaen, and the Agroindustrial Science and Technology Park of Jerez (Cadiz)
- Other technology centres and outside entities also collaborate with the [ceiA3](#)

**MANY THANKS FOR YOUR ATTENTION!!**