



UCA

Universidad  
de Cádiz

# Doctorate Programmes at the University of Cádiz

International Staff Week, July 12<sup>th</sup>-16<sup>th</sup>, 2021



Gérard Fernández Smith (Secretary, EDUCA)

Adolfo Chica Ruiz (Secretary, EIDEMAR)

José María González Molinillo (Director)

# Overview

- The Doctoral Schools at the University of Cádiz EDUCA and EIDEMAR offer 21 Ph.D. Programs within different fields of knowledge:
  - Science
    - Agrifood Resources / Biomolecular Sciences / Management and Conservation of the Sea / Marine Resources / Marine Science and Technology / Mathematics
  - Health
    - Health Sciences / Physical Activity and Sports Sciences
  - Engineering
    - Computer Engineering / Energy and Sustainable Engineering / Manufacturing, Materials and Environmental Engineering / Nanoscience and Materials Technology
  - Social sciences
    - Communication / Law / Management and Economic Environment / Research and Practice in Education / Social, Criminological and Behavioural Sciences / Tourism
  - Arts and Humanities
    - Arts and Humanities / Linguistics / Maritime History and Archaeology

# Commitment

- Ph.D. students must achieve 600 hours in a 3 or 5-year period, by accomplishing different types of activities
- Some of those activities are compulsory in most Ph.D. Programs, such as:
  - Scientific publication
  - Attendance to cross curricular courses held by the Doctoral Schools
- Others are optional:
  - Presentation of posters or oral communications in congresses, conferences, seminars, etc.
  - Research stays abroad
  - Attendance to specialized courses
  - Presentation of their research advances to the Academic Commission
  - Participation in research projects, contracts, etc.

# International Collaboration

- Ph.D. students may be supervised in one of two ways:
  - Through **supervision** or **co-supervision** by a foreign Professor
    - Students are only so at the UCA
    - The outcome is that students obtain a Ph.D. title at the UCA
  - Through **cotutelle** by both a Professor from the UCA and a Professor from a foreign University, fulfilling all requisites in both Ph.D. Programs, at the UCA and at their home University
    - Students are enrolled in both UCA and in a foreign University
    - The outcome in this case is that students obtain both a Ph.D. title at the UCA and at the other University by defending their thesis once and by paying fees in one of the Universities



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# International Collaboration



CONVENIO ENTRE LA  
UNIVERSIDAD DE CÁDIZ Y LA  
UNIVERSIDAD XXXXXXXX  
REGULANDO EL RÉGIMEN DE  
COTUTELA DE TESIS DOCTORAL

En Cádiz, España, a \* de \*\* de 20\*\*

REUNIDOS

De una parte,  
D.<sup>a</sup> Concepción Fernández Lorenzo,  
Viceirectora de Planificación de la Universidad  
de Cádiz, con sede en C/ Ancha 16, de Cádiz,  
en representación de la misma, de acuerdo con  
lo establecido por la Resolución del Rector de  
la Universidad de Cádiz UCA/R102REC/  
2016, de 16 de diciembre, por la que se delega  
la firma de los convenios de cotutela de tesis  
doctoral en el Vicerector de Planificación.

De otra parte,  
D. XXXXXXXXXXXXX

Ambas partes se reconocen mutuamente  
capacidad jurídica suficiente para suscribir el  
presente Convenio y a tal efecto

AGREEMENT BETWEEN THE  
UNIVERSITY OF CADIZ AND THE  
UNIVERSITY OF XXXXXXXX  
ON THE REGULATION OF THE  
JOINT SUPERVISION SYSTEM OF  
DOCTORAL THESIS

In Cadiz, Spain on \*\*\*\* 20\*\*

PARTIES

On the one side,  
Mrs. Concepción Fernández Lorenzo, Vice-  
chancellor for Planning at the University of  
Cadiz seating in C/ Ancha, 16 in Cadiz on  
behalf of this University, according to the  
Decision of the Rector of the University of  
Cadiz UCA/R102REC/2016, December 16 on  
the transfer of power to sign agreements for  
the joint supervision of doctoral thesis to the  
Vice-chancellor for Planning.

On the other side,  
Mr XXXXXXXXXXXXX

Both parties acknowledge each other the  
sufficient legal power to sign this Agreement  
and for this purpose, they agree the following.



PRIMERO.- Que, con la intención de  
profundizar en la consolidación de las  
relaciones entre las dos Universidades, las  
partes firmantes manifiestan expresamente su  
voluntad de colaborar en el ejercicio de las  
actividades formativas que a cada una  
incumben, de conformidad con la legislación  
propia de cada una de las instituciones y de lo  
que derive del presente convenio

SEGUNDO.- Que, en particular, la  
Universidad de Cádiz y la Universidad \*\*\*  
expresan su interés en establecer relaciones de  
colaboración entre los programas de  
doctorado propios de ambas instituciones y  
desean articular el intercambio de estudiantes  
de tercer ciclo y el procedimiento para ordenar  
el régimen de la cotutela de tesis doctorales.

TERCERO.- Que, en los términos indicados,  
la Universidad de Cádiz y la Universidad \*\*\*\*  
desean acordar el régimen de ejercicio de  
cotutela de Tesis Doctorales por doctores de  
ambas instituciones, que se regulará por lo  
previsto en este Convenio Especifico y por las  
normas que en su caso puedan desarrollarse o  
aplicado, en el seno del marco normativo que  
a cada institución afecta.

De acuerdo a lo anterior, las dos partes  
acuerdan suscribir el presente Convenio  
Especifico, que se regirá por las siguientes

CLÁUSULAS

1.- In order to deepen the bonds between both  
Universities, the undersigned clearly express  
their will to cooperate in the implementation  
of their respective training activities, according  
to their own legislation and the provisions  
arising of this Agreement

2.- Particularly the University of Cadiz and the  
University of \*\*\* show their interest in  
establishing cooperation relations among the  
Doctorate programmes associated to each  
institution and they wish to regulate the  
exchange of third stage students and the  
procedure to organise the joint supervision  
procedure of doctoral thesis.

3.- In the terms set out, the University of  
Cadiz and the University of \*\*\*\* are willing to  
agree the implementation of the joint  
supervision system of doctoral thesis by  
Doctors from both institutions, which will be  
regulated by the provisions of this Specific  
Agreement and by the rules if this is the case  
related thereto within the regulatory  
framework relevant to each institution.

In accordance to the afore-mentioned  
provisions, both Parties agree to sign this  
Specific Agreement which shall be governed  
by the following

PROVISIONS

# International Collaboration

- However, Ph.D. students at the University of Cádiz may apply for a **Doctorate International Mention** by:
  - Researching abroad during three months
  - Obtaining approval reports of their thesis from two international experts
  - Having a third international expert in the judging committee




# Records Management


- Both doctoral schools, EDUCA and EIDEMAR, manage every Ph.D. student's record through a web interface at the URL: <https://posgrado.uca.es/doctor>
- The web interface handles all administrative processes
- Records include, among other issues,
  - Personal information
  - Activities and courses achieved by the student
  - Control of hours recognition as well as annual reports by the Academic Commission
  - Thesis delivery, judging committees and defense authorization by the Doctoral Commission of the University of Cádiz

# Records Management

posgrado.uca.es/doctor/index.php

## Doctorate of the University of Cadiz

 Year:  ▾

 \*\*\* User log in using password

User:

Password:

 Log in

  User log in using Digital Certificate (FNMT / DNle)

 Digital Certificate Log In

 [Forgot your password?](#)

 [New user registration](#)

If you wish to apply for **admission to a PhD Program**, select **Year 2019/20** at the drop-down.

We welcome you to the online management services of Doctorate records of the University of Cadiz.

If you have credentials (user and password), please log in the box *User access using password*.

Chicely, if **you have already registered on this platform** and you have a valid digital certificate issued by FNMT-CRM or DNle you can use *Digital Certificate Log In*.

Otherwise, please go to [New user registration](#) to sign up.

*You do not need to sign up for this form if previously done or if you have username and password credentials to access online services la Universidad de Cádiz - as a student, professor or administration and services staff.*

This online platform is available in English in order to grant access to users who require it. Documents for administrative purposes are issued in Spanish, as this is the official language. In case of doubt in the interpretation of any text, the Spanish version will prevail over any other as the valid interpretation.





Admissions

Enrolments

Record

Thesis Look

Reports

Programme params

Manage courses

Administration

Doctorando/a

Omitir bloqueados  Sólo promoción 2018/19:

Si necesita consultar el estado de múltiples expedientes, considere utilizar los *Informes transversales de gestión* que se encuentran en la pestaña *Informes*.

Doctorando/a: 58155910L - SALAS CABALLERO, ARTURO

Promoción: 2018/19

Programa: 8218 Dirección de Empresas y Entorno Económico



Expediente: d99634479

Datos personales

Documentos expediente

Datos académicos

Cursos de formación

Plan de investigación

Actividades formativas

Evaluación anual

Trámite de tesis

Control de expediente

Matrículas

Documento de identidad:  Documento de identidad:  UXXI Prog./Exp.:  Tratamiento:

Fecha nacimiento:  Lugar de nacimiento (localidad, provincia, país):

Archivo documento identidad:  Nacionalidad:


Nombre:  Apellidos:

Fotografía carnet:



# Records Management

- In a closer look

**Doctorando/a:** 58155910L - SALAS CABALLERO, ARTURO **Promoción:** 2018/19  
**Programa:** 8218 Dirección de Empresas y Entorno Económico  **Info** **Expediente:** d99634479

Datos personales | Documentos expediente | Datos académicos | Cursos de formación | Plan de investigación | Actividades formativas | Evaluación anual | Trámite de tesis | Control de expediente | Matrículas

# Doctoral School of the University of Cádiz, EDUCA



# Ph.D. Programs at EDUCA

- Agrifood Resources
- Arts and Humanities
- Biomolecular Sciences
- Computer Engineering
- Health Sciences
- Energy and Sustainable Engineering
- Manufacturing, Materials and Environmental Engineering
- Law
- Linguistics
- Management and Economic Environment
- Nanoscience and Materials Technology
- Physical Activity and Sports Sciences
- Research and Practice in Education
- Social, Criminological and Behavioural Sciences

Inter-university  
Programs

- Communication
- Mathematics
- Tourism

# Arts and Humanities

- Research areas
  1. Philosophy, democracy and identity
  2. Genre, identity and citizenship
  3. Enlightenment, Liberalism, Romanticism and Democracy (XVIII-XXI centuries)
  4. Study and critical edition of Latin Humanistic texts. Study and critical edition of Greek texts belonging to the Hellenistic and Imperial periods
  5. Post-colonial and cultural studies
  6. Spanish language and North African languages and cultures: language, history and teaching
  7. Globalisation and modernisation processes en the Contemporary world



# Agrifood Resources

- Research areas
  1. Agriculture and food: natural products
  2. Bioprocesses of industrial interest
  3. Microbiology, molecular and cellular biochemistry
  4. Management, processing and recovery of agribusiness
  5. Agrifood and winemaking quality
  6. Agrifood processes and products

# Biomolecular Sciences

- Research areas
  1. Neurobiology: neurodegeneration and neuroregeneration
  2. Organic and organometallic chemistry. Synthesis and catalysis
  3. Reaction mechanisms and kinetics
  4. Biological chemistry: bioactive molecules and their molecular targets
  5. Bio-communicators as a source of bioactive products
  6. Biomedicine and inflammation. Biotechnology and development of new therapies

# Communication

- Research areas
  1. Audiovisual communication
  2. Advertising and public relations. Marketing
  3. Journalism
  4. Educational communication and media literacy
  5. Communication, cultural industries and entertainment
  6. Communication, Literature, Ethics and Aesthetics

# Computer Engineering

- Research areas
  1. Modelling and simulation
  2. Software engineering

# Energy and Sustainable Engineering

- Research areas
  1. Energy technologies applied to energy efficiency and renewable energies
  2. Energy technologies and materials applied to sustainable engineering and industrial ecology



# Health Sciences

- Research areas
  1. Biological bases of Medicine
  2. Clinical medicine and surgery
  3. Forensic sciences
  4. Biostatistics and epidemiology
  5. Physical activity and health
  6. Psychology, education and health
  7. Neuroscience

# Law

- Research areas

1. International and European Union Tax Law in POST-EBS environment
2. International and European Law: Security, sovereignty, immigration, and Human Rights at the Europe external borders
3. Citizens' rights and interests guarantees
4. *Ius puniendi* exercise in a social, democratic and ruled by law State
5. Progress and challenges of Administrative Law in the 21<sup>st</sup> century
6. Constitutional development, reform and juridical status of fundamental rights
7. Person, family and wealth
8. Employment law and collective bargaining
9. Commercial contracts

# Linguistics

- Research areas
  1. Communication and technological applications of linguistics
  2. Applied linguistics
  3. Clinical linguistics
  4. Linguistic variation and discourse analysis
  5. Languages in contact and multiculturalism

# Management and Economic Environment

- Research areas
  1. Economy: Technological change, defence economy, international economy and territorial development
  2. Business Management: strategies and human resources
  3. New trends of accounting research: social responsibility, transparency, corporate governance, management control and innovation assessment

# Manufacturing, Materials and Environmental Engineering

- Research areas
  1. Engineering, quality control and materials manufacturing and processing technologies
  2. Design, modelling and simulation of semiconductor systems
  3. Computational modelling in engineering
  4. Chemical process engineering
  5. Environmental engineering
  6. Biomedical engineering and telemedicine



# Mathematics

- Research areas
  1. Noncommutative algebra
  2. Geometric analysis
  3. Functional analysis. Banach spaces and algebras. Applications
  4. Differential equations. Numerical analysis and applications
  5. Statistics and operations research
  6. Semi-Riemannian geometry. Applications in mathematical physics
  7. Commutative and computational algebra
  8. Mathematical principles of computing
  9. Complex variable, harmonic analysis
  10. Homological algebra and homotopy theory
  11. History of Mathematics
  12. Approximation theory

# Nanoscience and Materials Technology

- Research areas
  1. Nanoscopy and materials
  2. Materials for catalysis and energy
  3. Nanostructured materials for innovative technologies

# Physical Activity and Sports Sciences

- Research areas
  1. Economy: Technological change, defence economy, international economy and territorial development
  2. Business Management: strategies and human resources
  3. New trends of accounting research: social responsibility, transparency, corporate governance, management control and innovation assessment

# Research and Practice in Education

- Research areas
  1. Education, democracy and citizenship
  2. Research in curricular areas and teachers training:  
Science, Mathematics and Language

# Social, Criminological and Behavioural Sciences

- Research areas
  1. Social action, coexistence and peace
  2. Criminology and security
  3. Crime level and criminal activity
  4. Structure and change in contemporary societies
  5. Advances in Psychology for the personal and social development



# Tourism

- Research areas
  1. Planification and management of touristic destinations. Tourism and local society
  2. Economic analysis of the touristic sector
  3. Management and innovation in touristic organizations
  4. Tourism and heritage
  5. Intelligence in the touristic ambit. ICTs and data analysis

# International Doctoral School in Sea Studies, EIDEMAR



# Ph.D. Programs at EIDEMAR

- Marine Science and Technologies
- Management and Conservation of the Sea
- Marine Resources
- Maritime History and Archaeology

# Management and Conservation of the Sea

- Research areas
  1. Biodiversity, conservation and management of species and habitats
  2. Anthropogenic impacts, global change, protection and remediation of the marine environment
  3. Transport and maritime law, port management, logistics and international law of the sea

# Marine Resources

- Research areas
  1. Aquaculture
  2. Marine living resources

# Marine Science and Technologies

- Research areas
  1. Biogeochemical processes in coastal and continental systems
  2. Physics and Geodynamics of the ocean and the Earth
  3. Geophysics and Geodesy
  4. Sedimentation in marine environments
  5. Structure and dynamics of aquatic ecosystems
  6. Molecular and cellular Biology, Genetics and Genomics of marine organisms
  7. Microalgae Biotechnology
  8. Energy and environmental efficiency and technological improvements of marine installations

# Maritime History and Archaeology

- Research areas
  1. Maritime Archaeology
  2. Archaeometry
  3. Maritime History
  4. Historical and cultural landscape



# Thank you very much for your attention

Adolfo Chica Ruiz, EIDEMAR

Email address:

[eidemar@campusdelmar.com](mailto:eidemar@campusdelmar.com)

URL: <http://eidemar.uca.es>

Gérard Fernández Smith, EDUCA

Email addresses:

[secretaria.educa@uca.es](mailto:secretaria.educa@uca.es)

[escuela.doctorado@uca.es](mailto:escuela.doctorado@uca.es)

URL: <http://escueladoctoral.uca.es>