



Erasmus+



The University of Cadiz: the University of Southern Europe





Erasmus+

- 4 Campuses: Algeciras, Cadiz, Jerez, Puerto Real
- 44 Degrees/18 Double Degrees (double majors)
- 50 Masters degrees
- 17 Ph. D. Programs
- 2 Doctoral Schools: EDUCA (comprehensive) & EIDEMAR (Sea studies)
- 15 Faculties / Schools
- 45 Departments
- ca. 22.000 students





Campus of Cadiz: (Arts, Economics & Health Sciences)

- Arts and Humanities
- Medicine
- Nursing & Physiotherapy
- Sports & Training Medicine
- Economics, Business & Administration
- Labor Sciences



Campus of Puerto Real: (STEM & Educational Sciences)

- Sciences
- Marine & Environmental Sci.
- Engineering
- Maritime, Nautical & Radio-electronic Engineering
- Naval & Oceanic Engineering
- Education & Teacher Training



Campus of Jerez: (Social Sciences & Law)

- Law
- Social Sciences & Communication
- Economics, Business & Administration



Campus of Algeciras Bay: (Engineering, Law & Health Sciences)

- Polytechnic School of Engineering
- Nursing
- Economics, Business & Administration
- Law
- Labor Sciences



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Degrees (44):



Arts:

- Modern languages (English, French, Arabic)
- Classical Philology
- Linguistics & Applied languages
- Spanish studies
- History & Archaeology
- Humanities

STEM

- Chemistry; Chemical Eng.
- Oenology & Viticulture
- Biotechnology
- Mathematics
- Sea Sciences
- Environmental Sciences
- Aerospace, Civil, Computer, Electrical, Electronic, Mechanical & Product Design Engineering
- Naval, Nautical, Sea Transport

Health Sciences & Education

- Medicine
- Nursing
- Physiotherapy
- Physical Education & Sports Sciences
- Primary School
- Early Childhood Education
- Psychology

Economics, Law & Social Sciences

- Law
- Criminology & Security
- Business Manag. & Admin.
- Finance & Accounting
- Marketing & Marketing Research
- Advertising & Public Relations
- Social Work
- Employment & Human Res.
- Tourism



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Masters degrees (50):



Arts:

- Spanish studies
- Heritage, Archaeology & Maritime History
- Maritime & Sub-aqua archaeology
- Linguistics & Applied languages
- Flamenco

STEM

- Agrifood; Biotechnology
- Chemistry; Quality Control in Analytical Labs (EM)
- Mathematics
- Aquaculture & Fisheries
- Oceanography
- Coastal Management
- Renewable Energies
- Cyber security
- Advanced Fabrication
- Civil Engineering
- Logistics and Ports

Health Sciences & Education

- Biomedicine
- Advanced Research in Nursing
- Neurological Physiother.
- Mental Health
- Physical Activity & Health
- Educational Research

Economics, Law & Social Sciences

- Advocacy
- Penal System & Criminology
- Public Administration
- International Communication
- Strategic Marketing & Innovation in Communication
- Gender, Conflicts & Human Rights
- Mediation
- Tourism
- Maritime Transport



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Ph. D. Programs (17)

EDUCA: A comprehensive Doctoral School

Arts & Humanities:

- Philosophy, Democracy, Identities
- Gender, Identity, Citizenship
- Liberalism, Romanticism, Democracy (S. XVIII-XXI)
- Classical studies
- Spanish postcolonial period
- Spanish languages and Spanish studies
- North African languages, culture & History
- Globalization and Modernization in the actual world

Linguistics:

- Communication & technological applications of linguistics
- Applied linguistics
- Forensic and clinic linguistics
- Cross-culture studies
- Discourse analysis



EDUCA: A comprehensive Doctoral School

Biomolecules:

- Neurobiology, neural-degeneration and neural-regeneration
- Synthesis and catalysis in organic and organometallic chemistry
- Mechanism of reactions and kinetics
- Bioactive compounds and molecular targets
- Chemical signals as a source for bioactive compounds
- Biomedicine for Inflammatory processes & biotechnology for new therapies

Nanosciences & nanotechnology:

- Materials Nanoscopy
- Nanomaterials for Catalysis and Energy
- Nanostructured materials for new technologies

Mathematics:

- Commutative and Computational Algebra
- Non commutative algebra
- Homological algebra
- Harmonic Analysis and Complex variables
- Functional Algebra, Banach Algebra
- Geometrical Analysis
- Differential equations, numerical analysis & applications
- Math fundamentals in computation
- Semi-Riemman Geometry: applications to Physical Math.
- History of Mathematics
- Statistics and Operational research



EDUCA: A comprehensive Doctoral School

Informatics Engineering:

- Modelling and simulations
- Software Engineering

Agrifood resources:

- Natural products for agriculture and agrifood
- Bioprocesses of industrial interest
- Microbiology, and molecular and cell biochemistry
- Use and valorisation of agrifood by-products
- Quality in Viticulture and Agrifood industries
- Agrifood processes and products

Fabrication, Materials & Environmental Eng.:

- Engineering, Quality Control and Materials Processes
- Technologies for Fabrication
- Design, Modelling and Simulation of Semi-conductors
- Computational Models in Engineering
- Engineering of Chemical Processes
- Environmental Engineering
- Telemedicine and Biomedical Engineering

Sustainable Energy Engineering:

- Energy Technologies applied to Energy Efficiency and to Renewable Energy
- Energy Technologies and Materials for Sustainable Engineering and Industrial Ecology



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Ph. D. Programs (16)



EDUCA: A comprehensive Doctoral School

Health Sciences

- Biological basis of Medicine
- Clinical Medicine and Surgery
- Forensics
- Biostatistics and Epidemiology
- Physical Activity and Health Status
- Psychology, Education & Health
- Neurosciences

Communication

- Audiovisual communication
- Marketing, Advertising and Public Relations
- Journalism
- Media Literacy & Educational Communication
- Communication, Cultural Industries & Show Business
- Communication, Literature, Ethics and Aesthetics

Social Sciences and Law

- Penal System and Security
- Public Administration, Public Rights
- Private Law
- Enterprises management: strategy and human resources
- Applied Economics: territorial development & technology change
- Information systems and control of organizations/companies
- Education and teacher training
- Evaluation and innovation in training contexts and organizations



EIDEMAR: A Doctoral School for Marine Sciences

Marine Science & Technologies:

- Biogeochemical Processes in Coastal and Continental Systems
- Physics and Geodynamics of Oceans and Terrestrial Systems
- Geophysics and Geosciences
- Sedimentation in marine environments
- Structure and Dynamics of Aquatic ecosystems
- Molecular and Cellular Biology, Genetics and Genomics in Marine organisms
- Biotechnology of Microalgae
- Energy and Environmental Efficiency; Improvement of Marine Facilities

Sea Management and Conservation:

- Biodiversity, Conservation, and Species and Habitat Management
- Anthropogenic impact, Environmental Protection & Climatic Change
- Maritime Transport & Law, Port Management, Logistics and International Maritime Law

Marine Resources:

- Aquaculture
- Marine living resources

Marine History & Archaeology:

- Marine Archaeology
- Archaeometrics
- Maritime History
- Cultural Landscape and History



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Research & Ph. D. Programs

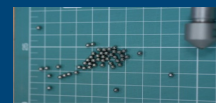




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Research & Ph. D. Programs

Electron Microscopy and Materials



Functional materials:

- ◆ Opto-electronic and photovoltaic materials
- ◆ Electronic, Photonic and Plasmonic
- ◆ Magnetic
- ◆ Catalysts
- ◆ Absorbents and adsorbents
- ◆ Biomaterials

Structural materials:

- ◆ Aeronautical Shipbuilding



Applied Linguistics Institute (ILA)

Research areas:

- ◆ Linguistic communication
- ◆ Clinical linguistics
- ◆ Forensic linguistics
- ◆ Language technology



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Research & Ph. D. Programs



Marine Science Research Institute (INMAR-CACYTMAR)

- Marine biogeochemistry
- Aquaculture, fisheries and fish physiology
- Functional, cellular and molecular biology
- Environmental Quality and Marine Pollution
- Corrosion in marine environments
- Marine archaeometry
- Genetics
- Geomorphology and coastal dynamics
- Atmospheric and oceanic modeling
- Environmental technology
- Biological oceanography
- Marine Renewable Energy





Viticulture and Agri-food Research Institute (IVAGRO)



- Viticulture and agriculture
- Soil analysis and soil quality assessment
- Microbiology
- Biotechnology in wine and agro-processing
- Quality & food safety
- Development of new food products
- By-products, wastes and residues use
- Pest & pesticidal detections and analysis systems in agriculture



Sustainable Social Development Institute (INDESS)

- Criminology, Legal and Social Studies
- Economic Studies, Business, Science & Sustainable Innovation
- Social Marketing, Communication & Social Processes for Sustainability
- Sustainable Tourism and Global Change
- Statistics, Society and Health



Biomolecules Institute (INBIO)

- Identification of molecular targets in animal and vegetal cells
- Identification of bioactive molecules
- Design and synthesis of new molecules with biological activity
- Characterization of molecular targets and their interaction with bioactive compounds
- Thermodynamic and kinetic studies on relevant mechanisms in biological processes



Institute of Biomedicine (INIBICA)

- Neurosciences and Behavior
- Inflammatory processes
- Oncology/Hematology
- Epidemiology and public health
- Innovative procedures and therapies. Emerging.
- Rare diseases.





International Strategy based on:

- A global strategy
- Erasmus as a key point
- Establishing stable and long standing strategies
- Scientific cooperation based on Ph.D. co-tutelles
- Double degrees (master and Bs.C. agreements)
- Mobility: students and staff exchange
 - Erasmus KA103
 - Erasmus KA107
 - Exchange agreements
- Joint cooperation projects: Erasmus CBHE, Strategic Partnerships
- Joint research projects:
 - H2020
 - PRIMA
 - Poctefex and other European and non-European calls





Erasmus+ Global strategy: the “Aulas Universitarias”



Erasmus+

International Office



**Aula Universitaria
Iberoamericana:
Latin America**

**Aula Universitaria del
Estrecho:
Africa and Middle East**

**Aula Universitaria HispanoRusa:
Russia, East Europe, Central
Asia**



A U E
Aula Universitaria
del Estrecho





Erasmus+ Double degrees:



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Europe:

- Mechanical Engineering (Frankfurt, Bs.C.)
- Product Design (Frankfurt, Bs.C.)
- Economy and Territory (Bordeaux, Ms.C.)
- Coastal Management (Ferrara, Ms.C.)
- Coastal Management and Georesources (Joint Ph.D.)
- Hispanic studies (Ms.C., Southern Federal U.)
- Oceanography and Coastal Management (Ms.C. Hydrometeorological Univ. of St. Petersburg)
- International Communications (Ms.C., Siberian Federal U.)
- Tourism (Ms.C., Piatigorsk State University)

China:

- Humanities (Degree, South West Univ. of Science and Technology)





Erasmus+ Co-tutelles Agreements with:



Erasmus+

America:

- EE.UU.
- Mexico
- Colombia
- Brazil
- Argentina

Africa:

- Morocco
- Algeria

Middle East:

- Jordan

Europe:

- Germany
- Italy
- France
- Portugal
- Ukraine
- Belarus
- Russia

Asia:

- Kazakhstan
- China



Erasmus+ Mobility:

900

400

400

200

ERASMUS INCOMING (EUROPE): 700

ERASMUS INCOMING (OTHER COUNTRIES): 200

VISITING EXCHANGE STUDENTS: 400

STUDY ABROAD (SUMMER SCHOOL): 400

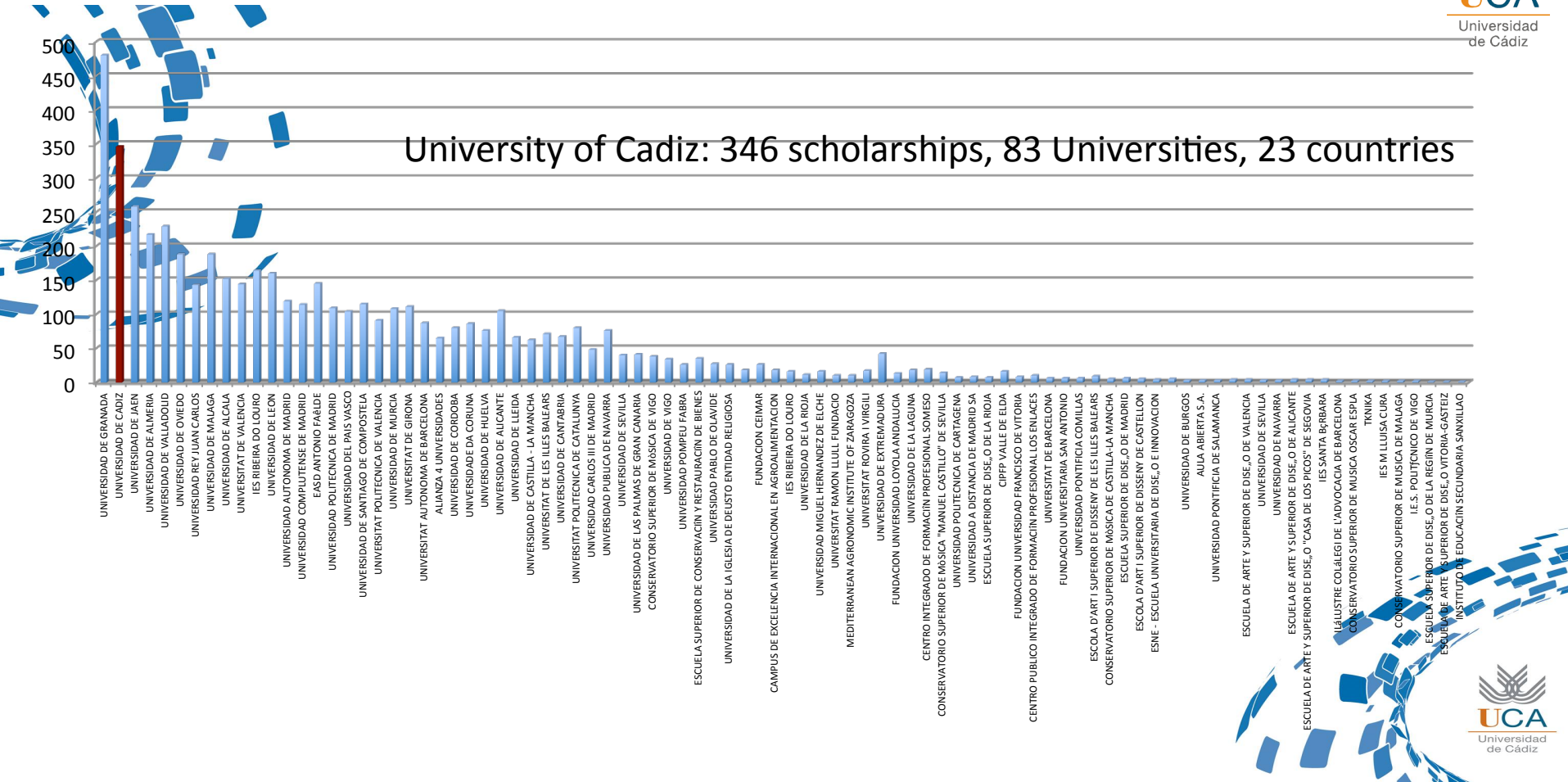
INTERNSHIPS AND RESEARCH STAYS: 200



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Mobility: Erasmus+ KA107 in Spain (2018)

University of Cadiz: 346 scholarships, 83 Universities, 23 countries





Erasmus+ Capacity Building and other projects



Capacity Building in Higher Education:

- Morocco
- Tunisia
- Algeria
- Belarus

Strategic Partnerships:

- Germany
- Portugal
- Italy

Knowledge Alliances

- Italy

Areas for cooperation

TEACHING

- Mobility of students and staff (Erasmus and non-Erasmus)
- Training periods (Internships)
- Double degrees (masters, Bs.C.)
- Seminars, Courses
- Erasmus+ CBHE projects
- Support to the design and development of masters and Ph. D. programs

RESEARCH

- Training
- Co-directed Ph. D. thesis
- Thematic networks
- Internships
- Joint research projects (H2020, national calls, ...)



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THANK YOU VERY MUCH!!!

