

UNIVERSITY OF CORDOBA (UCO)

General Data

2013



The UCO is heir to a century-old historical and cultural legacy as well as a passion for knowledge, tolerance, and harmony among civilizations, that have made the city that houses our institution a paradigm for humanity.

This equilibrium and harmony is reflected in the three areas in which the UCO undertakes its activities: Food and Agriculture, Science and Technology; Humanities and the Legal and Social Sciences; and the Health Sciences; each with its own particular characteristics.

This balance is also manifested in the quality of its teaching and research, ranking it among the top academic institutions in Spain. The UCO is one of the foremost research institutions in Spain; a distinction that will be further consolidated with the ceiA3 (Agrifood Campus of International Excellence), and the creation of the Rabanales 21 Science and Technology Park and the Maimonides Institute for Biomedical Research. Our university is an international leader in the agrifood field, one of the institution's main vocations; without overlooking the importance of the humanities sector in a city that is known worldwide for its artistic and monumental heritage.

A young, dynamic university, dedicated to research and in constant evolution, the UCO is firmly committed to the problems and needs of the community at large. As a public institution, it connects closely with the society it serves, but is also dedicated to aiding other peoples and countries. The UCO also maintains strong ties with the business sector, while also structuring much of its own activity around an entrepreneurial vision. Most importantly, it is an institution that is not only committed to training qualified professionals, but to supporting and encouraging its students to grow as people and as citizens.

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UNIVERSIDAD DE CÓRDOBA

UCO global

Facts & Figures



Year of establishment

- 1972



Management

- National and public



Number of Faculties/Schools:

11



Number of students

- 16.694 undergraduate students
- 1.245 in Master 'sProgrammes
- 1.384 in Doctoral Programmes



Administrative staff

- 730 permanent staff
- 495 temporary staff for projects



Academic staff

- 1.446 permanent staff
- 72 visiting and Erasmus STA/STT

HUMANITIES AND LEGAL AND SOCIAL SCIENCES CAMPUS

FACULTY OF LABOUR SCIENCE

- Labour Sciences
- Tourism
- Occupational Sciences (2nd cycle)

FACULTY OF LAW AND BUSINESS AND ECONOMIC SCIENCES

- Law
- Business Administration and Management
- Dual Degree in Law and Business Administration and Management

FACULTY OF PHILOSOPHY AND LETTERS

- Translation and Interpretation
- Spanish Philology
- English Studies
- Art History
- History

FACULTY OF EDUCATION SCIENCE

- Early Childhood Education
- Primary Education
- Educational Psychology (2nd cycle)

HEALTH SCIENCES CAMPUS

FACULTY OF MEDICINE

- Medicine

FACULTY OF NURSING

- Nursing

AGRIFOOD, SCIENCE AND TECHNOLOGY CAMPUS (Rabanales and Belmez)

FACULTY OF VETERINARY MEDICINE

- Veterinary Medicine
- Food Science and Technology

SCHOOL OF AGRICULTURAL AND FOREST ENGINEERING (ETSIAM)

- Rural and Agrifood Engineering
- Forest Engineering
- Oenology

FACULTY OF SCIENCE

- Biology
- Chemistry
- Environmental Sciences
- Physics
- Biochemistry
- Biochemistry (2nd cycle)

SCHOOL OF ENGINEERING SCIENCES OF CORDOBA

- Electrical Engineering
- Industrial Electronic Engineering
- Mechanical Engineering
- Computer Engineering
- Industrial Automatic and Electronic Engineering (2nd cycle)
- Computer Engineering (2nd cycle)

SCHOOL OF ENGINEERING SCIENCES OF BELMEZ

- Civil Engineering
- Mining and Energy Resources Engineering

Masters Courses

Arts & Humanities

- Cinematography (60 ECTS)
- English for Professional Qualification (60 ECTS)
- Local Heritage Management (*Dual degree. "Abdelmaleck Essaâdi" University, Tétouan*), (60 ECTS)
- Specialised Translation (English/French/German - Spanish) (60 ECTS)
- Texts, Documents and Cultural Intervention (*Dual degree. University of Ferrara*) (60 ECTS)

Sciences

- Advanced Fine Chemistry (60 ECTS)
- Agrifood (60 ECTS)
- Electrochemistry. Science and Technology (60 ECTS)
- Ethology (60 ECTS)
- Global Change: Natural Resources and Sustainability (60 ECTS)
- Materials for Energy Conversion and Storage (*Erasmus Mundus*), (120 ECTS)
- Molecular, Cellular and Genetic Biotechnology (60 ECTS)
- Plasma, Laser and Surface Technology (pending verification, 60 ECTS)
- Zootechnology and Sustainable Management: Organic and Integrated Stockbreeding (60 ECTS)

Health Sciences

- Animal Medicine, Health and Breeding (60 ECTS)
- Forensic Sciences (*Erasmus Mundus*), (120 ECTS)
- Nutrition and Metabolism (60 ECTS)
- Research Methodology in the Health Sciences (60 ECTS)
- Translational Biomedical Research (60 ECTS)

Social and Legal Sciences

- Agroecology: A Sustainable Approach to Organic Farming (60 ECTS)
- Culture of Peace: Conflicts, Education and Human Rights (60 ECTS)
- Environmental Educators (60 ECTS)
- Foreign Trade and Business Internationalisation (*Dual Degree, Université Paris-Est Créteil*) (60 ECTS)
- Inclusive Education (60 ECTS)
- Law practice (90 ECTS)
- Psychological Intervention and Investigation in Justice, Health and Social Welfare (60 ECTS)
- Regional and Local Law (60 ECTS)
- Secondary Education, Vocational Training and Language Training Teaching (60 ECTS)
- Territorial Employment Policies (60 ECTS)

Engineering and Architecture

- Agro-industrial Plants: Projects and Management (60 ECTS)
- Industrial Process Control (60 ECTS)
- Distributed Renewable Energies (60 ECTS)
- Environmental Hydraulics (60 ECTS)
- Geomatics, Remote Sensing and Spatial Models applied to Forest Management (60 ECTS)
- Wildland Fire Science and Integrative Management (90 ECTS)
- Olive Growing and Olive Oil Technology (*International Program*) (120 ECTS)
- Occupational Health and Safety(60 ECTS)
- Plant Breeding, Protection and Improvement (60 ECTS)
- Engineering and Architecture Design (60 ECTS)
- Intelligent Systems (90/60 ECTS)
- Territorial Rural Development (60 ECTS)
- Water Technology in Civil Engineering (60 ECTS)



UNIVERSIDAD DE CÓRDOBA

UCO global



ERASMUS MUNDUS- ACTION 1

Materials for Energy Conversion and Storage (MESc)

This European Master's course is designed to ensure intensive and innovative training on the synthesis, characterisation and industrial application of materials used in storage and conversion of energy, as well as to provide students with practical training in prestigious international research laboratories. The MESc consortium includes the following universities: Université de Paul Sabatier – Toulouse, Université de Picardie - Amiens and Université de Provence - Marseille (France), Universidad de Córdoba (Spain), Warsaw University of Technology (Poland), Xiamen University (China) and Drexel University (Philadelphia, USA).

Forensic Sciences

This unique Masters programme is designed to educate future European forensic scientists in the most up-to-date techniques. It brings together the expertise in forensic science of the University of Lincoln, the University of Córdoba (Spain) and the Instituto Superior de Ciências da Saúde Egas Moniz (Portugal).

ERASMUS MUNDUS-ACTION 2

TEMPO project

The TEMPO Project has been developed by a consortium of 20 universities: 9 European and 11 belonging to Central Asia. The project is coordinated by the Technical University of Lisbon (Portugal) in conjunction with the Donetsk National Technical University (Ukraine). The project aims to promote the exchange of knowledge among trans-European institutions of higher education in Europe and third countries in different areas of knowledge: Architecture, Chemistry, Biology, Chemical Engineering, Environmental Science and Management and Business Administration. The University of Alicante is involved in the area of architecture. The project has a budget of 3,508,975 euros and 212 mobility grants offered to undergraduates, Masters', PhD, Postdoctoral students and the staff of universities in the consortium.

EULALinks project

EULALinks is a partnership of 20 universities, 8 European and 12 from Latin America, jointly coordinated by the Humboldt Universität zu Berlin and the Universidad Autónoma de Chapingo (México). The overall objective of EULALinks is to deepen the existing cooperative relations under ALFA III SERIDAR Project "Rural Society, Economy and Natural Resources - Integrating competencies in Rural Development" of the School of Agricultural and Forest Engineering. This project aims to contribute to the creation of competence oriented and high-quality education in the Andean region and Mesoamerica, devoted to sustainable rural development, natural resources and agriculture value chains. The project has a budget of 3.317.025 euros and 135 mobility grants offered to undergraduates, Masters', PhD, Postdoctoral students and the staff from Latin American universities to the European universities belonging to the consortium.

Doctoral Programmes

Archeology

Biosciences and Agri-food Sciences (Excellence Award by the Spanish Ministry of Education)

Biomedicine (Excellence Award by the Spanish Ministry of Education)

Legal and Business Sciences

Rural Development

Biogeochemical Flow Dynamics and its Application (Excellence Award by the Spanish Ministry of Education)

Education

Electrochemistry, Science and Technology (Excellence Award by the Spanish Ministry of Education)

Agro-industrial Plant Engineering

Engineering and Technology

Languages and Cultures

Heritage

Applied Psychology

Fine Chemistry (Excellence Award by the Spanish Ministry of Education)

Natural Resources and Sustainability



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Dual Degree Programmes

International agreements for Dual Degrees

UNIVERSITY/ INSTITUTION	COUNTRY	FIELD
University Paris-Est Créteil (UPEC)	FRANCE	Law & Business Administration <i>Joint Master's Programme</i>
University of Ferrara	ITALY	Arts & Humanities <i>Joint Master's Programme</i>
University of Messina - Virginia Commonwealth University	ITALY - USA	Arts & Humanities <i>Joint Atlantis Master's Programme</i>
Białystok University of Technology	POLAND	Civil Engineering <i>Dual undergraduate degree</i>
Cranfield University	UNITED KINGDOM	Agricultural and Forest Engineering <i>Degree's final Project and Master</i>
Keele University	UNITED KINGDOM	Law & Business Administration <i>Dual undergraduate degree</i>
National University of Patagonia Austral	ARGENTINA	Mining and Energy Resources Engineering <i>Dual undergraduate degree</i>
University of Concepción (UDEC)	CHILE	Agricultural Engineering <i>Dual undergraduate degree</i>
University of Concepción (UDEC)	CHILE	Forest Engineering <i>Dual undergraduate degree</i>
University of Concepción (UDEC)	CHILE	Veterinary <i>Doctoral Programme</i>
University of Chile	CHILE	Forest Engineering <i>Dual undergraduate degree</i>
University of Chile	CHILE	Veterinary <i>Dual undergraduate degree</i>
Central University of Venezuela	VENEZUELA	Mining Engineering <i>Dual undergraduate degree</i>
Chengdu Institute Sichuan International Studies University	CHINA	Business Administration <i>Dual undergraduate degree</i>
Tetouan University "Abdelmalek Essaâdi"	MOROCCO	Arts & Humanities <i>Joint Master's Programme</i>

National Taiwan University Ranking (NTU)

The UCO has ranked excellently in the “2012 Performance Ranking of Scientific Papers for World Universities” released by the National Taiwan University Ranking (NTU Ranking). This ranking program offers annual performance rankings for world universities based on the production and impact of their scientific papers.

Ranking 59 in “Agricultural Sciences”, the UCO appears as the most outstanding university in Spain for its scientific papers on this subject.

Rank by
subject

- Agricultural Sciences: 59

ISI (Institute for Scientific Information)

In the latest edition (2011) of ISI rankings of “Spanish Universities according to Fields and Scientific Disciplines”, in the interval 2006-2010, Cordoba ranked:

Disciplinas
Científicas
(Tabla 11)

- Agricultura: 1^a
- Biología Vegetal y Animal: 4^a
- Informática: 8^a
- Medicina: 10^a
- Bioquímica, Biología celular y molecular: 10^a

University Rovira i Virgili (URV)

Since 2004, the University Rovira i Virgili (URV) prepares an annual report on the visibility of the scientific output of its researchers with the help of international reference bibliographic databases included in the Web of Knowledge platform, a global benchmark for the study and dissemination of results of scientific activity of authors, institutions and countries, using indicators of quantity and quality of publications. The 2010 report, entitled “*Producción Científica del Sistema Universitario Español 2010*” (Scientific Production of Spanish University System 2010) concluded:

Table 5. Publications by teaching and research staff (2010)

Universidad	Ranking	Pub.	PDI	Pub./PDI
Autónoma de Madrid	1	2.119	2.460	0,86
Córdoba	2	916	1.222	0,75
Autónoma de Barcelona	3	2.459	3.426	0,72
Rovira i Virgili	4	712	996	0,71
Barcelona	5	3.233	4.853	0,67

Instituto de Análisis Industrial y Financiero (UCM)

(Institute of Industrial and Financial Analysis · Complutense University of Madrid)

Created by decision of the Board of the Universidad Complutense in 1990, is an individual unit of the university whose purpose is to manage and promote applied research in the fields of industrial and financial economics. Their 2009 study, entitled “*La calidad de las universidades en España*” (The quality of universities in Spain) ranked UCO as 2nd in Spain in the general ranking, with 60.90% over a possible 100%. UCO ranked 4th regarding the specific Teaching category and 6th in Investigation:

Classification of Spanish universities

Nº	Universidad	Docencia	Investigación	Global
1	U. de Navarra (pr)	100,00	100,00	100,00
2	U. de Córdoba	60,90	63,96	62,46
3	U. Rovira i Virgili - Tarragona	53,24	70,66	62,12
4	U. de Oviedo	57,32	66,36	61,93
5	U. de Santiago de Compostela	58,34	64,75	61,61
6	U. de Salamanca	78,82	40,98	59,53
7	U. de Granada	64,40	54,76	59,48
8	U. Autónoma de Barcelona	57,76	57,68	57,72
9	U. de Barcelona	55,60	53,90	57,28
10	U. Pompeu Fabra - Barcelona	51,43	62,71	57,18

Teaching quality:

1	U. de Navarra (pr)	100,00
2	U. de Salamanca	78,82
3	U. de Granada	64,40
4	U. de Córdoba	60,90
5	U. de Valladolid	60,78
6	U. Pública de Navarra	60,40
7	U. de Zaragoza	59,94
8	U. Pontificia de Comillas - Madrid (pr)	59,28
9	U. de Santiago de Compostela	58,34
10	U. Autónoma de Barcelona	57,76

Research quality:

1	U. de Navarra (pr)	100,00
2	U. Rovira i Virgili - Tarragona	70,66
3	U. de Oviedo	66,36
4	U. de Santiago de Compostela	64,75
5	U. Autónoma de Madrid	64,37
6	U. de Córdoba	63,96
7	U. Pompeu Fabra - Barcelona	62,71
8	U. de Valencia (Estudi General)	62,55
9	U. Pablo de Olavide - Sevilla	62,53
10	U. Politécnica de Valencia	62,38



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International Partners

ASIA

Sichuan International Studies University ,
Shandong University, (China), Seoul National
University, Hankuk University of Foreign
Studies (Corea), Nihou University (Japan)...

EUROPE

More than 250 Erasmus bilateral agreements

King's College London; University of Roma, La
Sapienza; Queen's University of Belfast, University
of Helsinki, Universitat Dortmund, Humboldt-
Universitaet zu Berlin, Universiteit Maastricht,
Universitá di Bologna, Birmingham City University...

NORTH AMERICA

University of California Davis, University of
Montreal, Virginia Commonwealth University,
University of Montana, Seton Hill University,
William Jewell College...

SOUTH AMERICA

More than 150 bilateral agreements

Pontificia Universidad Católica de Chile (Chile),
Universidad Estadual de Campinas (Unicamp)
(Brasil), Universidad de Chile (Chile), Universidad
Nacional Autónoma de México (UNAM) (Mexico),
Universidad de los Andes (Colombia), Tecnológico de
Monterrey (ITESM) (Mexico), Universidad de
Concepción (Chile)...

The Agrifood Campus of International Excellence (ceiA3)

The Agrifood Campus of International Excellence (ceiA3) is a joint initiative between the universities of Almeria (UAL), Cadiz (UCA), Huelva (UHU), Jaen (UJA) and Cordoba (UCO).

Headed by the UCO, the objectives of the ceiA3 are ambitious and require a firm social commitment given that the agrifood sector of Andalusia provides a promising future for our students as well as other young people of our community.

The 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 promotes this change by bringing together institutions in the same geographical area that generate knowledge, among them universities, research centers, and technology parks. It aims to encourage the transfer of this knowledge to society and strengthen the university's role as an innovative institution that generates new knowledge for the benefit of society at large.

More information at: www.ceia3.es



The Maimonides Institute for Biomedical Research of Cordoba (IMIBIC)

A Health Research Institute accredited at national level by the Carlos III Health Institute and founded on April 24th, 2008, following the agreement signed on June 29th, 2007, between the University of Cordoba and the Andalusia Regional Government's Departments of Health and Innovation, Science and Business.

The IMIBIC is the result of an intense and fruitful collaboration between the University of Cordoba and Reina Sofia University Hospital, the Regional Centre for the Andalusian Public Health System, which is characterized by its high standards of health care and its solid commitment to the training of health professionals.

Its management body is the Foundation for Biomedical Research in Cordoba (FIBICO, in Spanish), which was founded on December 27th, 2007

More information at: www.imibic.org



UCO Research Centres

Maimonides Institute of Biomedical Research (IMIBIC)

University Research Institute of Fine Chemistry and Nanochemistry (IQFN)

Interuniversity Research Institute of Earth System in Andalusia (IISTA)

Interuniversity Research Institute for Bioenergy

University Research Institute for Animal Health

Research Services and Centres associated with the UCO

“Rabanales 21” Science and Technology Park

Reina Sofía University Hospital

University Veterinary Hospital

Andalusian Germplasm Bank

Botanical Garden of Córdoba

Research Support Central Services

Central Service for Experimental Animals

Spanish Aerobiology Network

Centre for Early Childhood Care

European Documentation Center

UCO and Knowledge Transfer

Knowledge transfer projects: 7.5 million €/ year

European projects under the 7th EC Framework Programme: 5,8 million €

Technology-based enterprises: 24

Patent applications: 94 in Spain, 4 in Europe and 4 in other countries

Research groups: 199

Cooperation projects

(2011)

- Latin America: 2 projects
- North and sub-Saharan Africa: 6 projects

Research projects

(EU and MINECO)

- European R&D projects: 2 projects
- Projects under 7th EC Framework Programme: 13 projects
- Projects funded by the Ministry of Economy and Competitiveness: 44 projects

Academic projects

(EU funded)

- Erasmus Mundus - Action 1: 2 projects
- Erasmus Mundus - Action 2: 2 projects
- Tempus IV: 1 project
- Alfa III: 2 projects
- Atlantis EU-US: 1 project