

# UNIVERSITY OF CORDOBA (UCO)

## General Data

# 2011



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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**[www.uco.es](http://www.uco.es)**

**English website:**

**[www.uco.es/internacional/extranjeros](http://www.uco.es/internacional/extranjeros)**



## Year of establishment

- 1972



## Management

- National and public



## Number of Faculties/Schools

- 11



## Number of Students

- Approximately 17,000 undergraduates
- Approximately 1,250 students in Master's programs
- Approximately 1,270 students in Doctoral programs



## Administrative Staff

- 735 permanent staff
- 480 temporary staff for projects



## Teaching Staff

- 1,555 Permanent
- 22 Visiting

## 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

### 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

## Arts & Humanities

- Archeology and Heritage: Science and Profession (60 ECTS)
- Cinematography (60 ECTS)
- Local Heritage Management (60 ECTS)
- English for Professional Qualification (60 ECTS)
- Texts, Documents and Cultural Intervention (60 ECTS)
- Specialised Translation (English/French/German - Spanish) (60 ECTS)
- International Master in Responsible Tourism and Human Development (*International Joint Master's Degree*)

## Sciences

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

## Health Sciences

- Translational Biomedical Research (60 ECTS)
- Animal Medicine, Health and Improvement (60 ECTS)
- Research Methodology in the Health Sciences (60 ECTS)
- Nutrition and Metabolism (60 ECTS)

## Social and Legal Sciences

- Agroecology: A Sustainable Approach to Organic Farming (60 ECTS)
- Foreign Trade and Business Internationalisation (60 ECTS)
- Culture of Peace: Conflicts, Education and Human Rights (60 ECTS)
- Autonomous Region and Local Law (60 ECTS)
- Territorial Rural Development (60 ECTS)
- Inclusive Education (60 ECTS)
- Environmental Educators (60 ECTS)
- City Heritage Management (60 ECTS)
- Psychological Intervention and Investigation in Justice, Health and Social Welfare (60 ECTS)
- Teacher training for Secondary Education, Vocational Training y Language Training (60 ECTS)
- Territorial Employment Policies (60 ECTS)

## Engineering and Architecture

- Industrial Process Control (60 ECTS)
- Territorial Rural Development (60 ECTS)
- Distributed Renewable Energies (60 ECTS)
- Environmental Hydraulics (60 ECTS)
- Olive Growing and Olive Oil Technology (120 ECTS *International Program*)
- Occupational Risk Prevention (60 ECTS)
- Plant Breeding, Protection and Improvement (60 ECTS)
- Agroindustrial Plants: Projects and Management (60 ECTS)
- Engineering and Architecture Design (60 ECTS)
- Intelligent Systems (90/60 ECTS)

# Doctoral Programs

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

Materials and Energy

Methodology of Research in Health Sciences

Heritage

Applied Psychology

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

Natural Resources and Sustainability

Animal Science and Sustainable Management

International agreements for Dual Degrees:

| UNIVERSITY/INSTITUTION                 | COUNTRY   | FIELD   |
|--|-----------|---|
| Białystok University of Technology     | POLAND    | Civil Engineering<br><i>Dual undergraduate degree</i>                       |
| Cranfield University                   | UK        | Agricultural and Forest Engineering<br><i>Master's and final project</i>    |
| Keele University                       | UK        | Law & Business Administration<br><i>Dual undergraduate degree</i>           |
| París-Est Creteil Val de Marne (UPEC)  | FRANCE    | Law & Business Administration<br><i>Joint Master's program</i>              |
| Univ. Nacional de la Patagonia Austral | ARGENTINA | Mining and Energy Resources Engineering<br><i>Dual undergraduate degree</i> |
| Universidad de Concepción (UDEC)       | CHILE     | Agricultural Engineering<br><i>Dual undergraduate degree</i>                |
| Universidad de Concepción (UDEC)       | CHILE     | Forest Engineering<br><i>Dual undergraduate degree</i>                      |
| Universidad de Concepción (UDEC)       | CHILE     | Veterinary Medicine<br><i>Doctorate</i>                                     |
| Universidad de Chile                   | CHILE     | Forest Engineering<br><i>Dual undergraduate degree</i>                      |
| Universidad de Chile                   | CHILE     | Veterinary Medicine<br><i>Dual undergraduate degree</i>                     |

## 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:

### Scientific Disciplines

(Table 11)

- Agriculture: 1st
- Plant and Animal Biology: 6th
- Medicine: 10th
- Chemical Engineering: 11th
- Geosciences and the Computer: 13th

## 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)**

Tabla 5. Publicaciones por personal docente e investigador (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     |
| Valencia              | 6       | 3.244 | 3.574 | 0,63     |

## Instituto de Análisis Industrial y Financiero (UCM)

(Institute of Industrial and Financial Analysis · Universidad Complutense de 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:

| ■ Clasificación de las universidades españolas |                                 |          |               |        |
|--|---------------------------------|----------|---------------|--------|
| 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    | 58,90         | 57,28  |
| 10   | U. Pompeu Fabra - Barcelona     | 51,43    | 62,71         | 57,18  |

| ■ POR DOCENCIA |   |        | ■ POR INVESTIGACIÓN |                                 |        |
|----------------|---|--------|---------------------|---------------------------------|--------|
| 1              | U. de Navarra (pr)                      | 100,00 | 1                   | U. de Navarra (pr)              | 100,00 |
| 2              | U. de Salamanca                         | 78,82  | 2                   | U. Rovira I Virgili - Tarragona | 70,66  |
| 3              | U. de Granada                           | 64,40  | 3                   | U. de Oviedo                    | 66,36  |
| 4              | U. de Córdoba                           | 60,90  | 4                   | U. de Santiago de Compostela    | 64,75  |
| 5              | U. de Valladolid                        | 60,78  | 5                   | U. Autónoma de Madrid           | 64,37  |
| 6              | U. Pública de Navarra                   | 60,40  | 6                   | U. de Córdoba                   | 63,96  |
| 7              | U. de Zaragoza                          | 59,94  | 7                   | U. Pompeu Fabra - Barcelona     | 62,71  |
| 8              | U. Pontificia de Comillas - Madrid (pr) | 59,28  | 8                   | U. de Valencia (Estudi General) | 62,55  |
| 9              | U. de Santiago de Compostela            | 58,34  | 9                   | U. Pablo de Olavide - Sevilla   | 62,53  |
| 10             | U. Autónoma de Barcelona                | 57,76  | 10                  | U. Politécnica de Valencia      | 62,38  |

Fuente: Instituto de Análisis Industrial y Financiero (IAIF) de la Universidad Complutense de Madrid (UCM).

EL PAÍS



UNIVERSIDAD DE CÓRDOBA

UCO global

# International Partnerships

## ASIA

Sichuan International Studies University (SISU), Seoul National University, Hankuk University of Foreign Studies, Shandong University, Ewha Womans University...

## 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, Università di Bologna, Birmingham City University...

## USA

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

## SOUTH AMERICA

### More than 150 bilateral agreements

Universidade de São Paulo Brazil, Pontificia Universidad Católica de Chile (Chile), Universidade Estadual de Campinas (Unicamp) (Brazil), 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](http://www.ceia3.es)



## The Maimonides Institute for Biomedical Research of Cordoba (IMIBIC)

A Health Research Institute founded on April 24th, 2008, following the agreement signed on June 29th, 2007 between the Andalusian Regional Government's Department of Health, the same government's Department of Innovation, Science and Business and the University of Cordoba.

It is positioned within the partnership framework with the University of Cordoba and is situated in the vicinity of 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](http://www.imibic.org)



## UCO Research Centers

Maimonides Institute of Biomedical Research (IMIBIC)

European Documentation Center

Andalusian Center of Experimental Animal Health (CEASA)

University Veterinary Teaching Hospital

Spanish Aerobiology Network

Reina Sofia University Hospital

Botanical Garden of Córdoba

Andalusian Interuniversity Institute of criminology (IAIC)

Center for Early Childhood Care

## UCO and Knowledge Transfer

Knowledge transfer projects: 6.6 million € / yearly average

European projects in VII Framework Program: 4.1 million €

Technology-based enterprises: 22

Patent applications: 86 in Spain, 4 in Europe, 4 in other countries

Research groups: 222