



UNC Central Area

Higher Institute of Food Research, Development and Services (ISIDSA)

ISIDSA seeks to develop activities in the food field from an interdisciplinary perspective, interfacing with the food industry on the quality and safety of products consumed by the general public. [Web page](#)

Higher Institute of Environmental Studies (ISEA)

ISEA responds to the growing needs of the UNC to propose effective policies and to perform concrete actions in an environment focused field. [Web Page](#)

Faculty of Architecture and Design

Institute of Housing and Habitat Research

Lines of research of this institute include territorial transformations and public policy; urban planning, sustainability and development; urban extractivism, real estate market, informality and urban land; and participatory architecture in housing. [Web page](#)

Urban Projects Research Workshop

This scientific workshop seeks to test design strategies to address a host of architectural and urban problems common to Córdoba and other Latin American cities. [Web page](#)



Institute of Healthy Physical Environment

Its areas of research include industrial design and architecture for physical, mental and spiritual health; architecture of emergence; healthy landscapes; and spatial dimension of authenticity and health tourism. [Web page](#)

Industrial Design Research Center Córdoba

Three projects currently hosted institutionally by this center are in the research field of the Didactics of Industrial Design. [Web page](#)

Landscape and Territory Research Institute

The institute brings together three primary lines of research on landscape management, territory and culture. [Web page](#)

Color Institute

The institute conducts studies on urban color, architectural and urban chromatic design, and disruptive technologies and new paradigms in lighting and design. [Website](#)

Research Institute of Graphics applied to Design

The institute seeks to investigate the effect that new digital technologies hastily incorporated into the market have on educational processes. [Web page](#)



Permanent ICT Training and Research Laboratory

This laboratory conducts studies on ICTs as a support for design processes in the field of Architecture and Design, in addition to other research related to these technologies. [Web page](#)

Institute for Research in Architectural and Urban Heritage Conservation

The institute focuses on the theoretical, historical, legal, social, and critical aspects of heritage and conservation. [Web page](#)

Acoustics and Lighting Research Center

The center conducts studies on architectural and urban acoustics and lighting, urban soundscape analysis, and other fields. [Web page](#)

Center for Architectural Technology Studies

This center researches energy management, evolving architectural envelopes, recycling, new materials, and technologies and tools for the construction and energy efficiency of buildings. [Web site](#)

Structural Design Research Workshop

The workshop develops knowledge in different design areas such as complex geometry structures, reinforced concrete, earthquake-resistant buildings, wood structural systems, bioconstruction, and other related topics. [Web page](#)



Faculty of Arts

Research Area

The areas of research in this faculty are: arts and technology; arts, history, art theory and criticism; and arts and education. [Web page](#).

Faculty of Agricultural Sciences

Transfer centers

The Faculty of Agricultural Sciences has different transfer centers to carry out research, technological and social development activities, and technology transfer with third parties. These tasks innovate in different areas such as environmental management, farms, seed analysis, plant biotechnology, soils, rural tourism, agri-food quality, genetic improvement of forest species, aromatic and medicinal plants, sheep and goat systems, bio-inputs, cultivation of edible mushrooms, and hydroponics. [Web page](#)

School of Communication Sciences

Institute of Studies in Communication, Expression and Technologies

This institute conducts studies on capitalism, territorial/socio-environmental conflicts and public policy; discourse, politics and subjectivity; ideology, social practices and conflicts; democracy, freedom of expression and digital rights; and inclusive transmedia technologies applied to culture and education. [Web page](#)



Center for Research in Journalism and Communication (CIPeCo)

The center is oriented to research and development in the field of journalism and communication related to topics such as gender, politics, technologies, and other fields. [Web page](#)

Faculty of Economics

Institute of Accounting

This institute develops theoretical and empirical research in financial accounting, auditing, management accounting, sustainability and accounting, and other fields. [Website](#)

Institute of Management

The institute focuses its research activities on the management of public and private organizations in fields such as value chains, circular economy, sustainability, labor markets, gender perspective, organizational culture, and innovation. [Web page](#)

Institute of Economics and Finance

Members of the institute conduct applied economics research on international trade, macroeconomics, microeconomics, labor market, political economy, poverty and inequality, and economies of knowledge, innovation, and happiness. [Web page](#)



Dr. Hebe Goldenhersch Institute of Statistics and Demography

The institute conducts research in advanced statistical modeling, structural equation modeling, and demographic studies on territorial socioeconomic inequalities. [Web page](#)

Center for Research in Economic Sciences (CICE)

This center promotes areas of knowledge linked to the field of economic and organizational sciences with interdisciplinary perspectives from geography, sociology, psychology, agricultural and livestock sciences, and other related fields. [Web page](#)

Faculty of Exact, Physical and Natural Sciences

Higher Institute of Transportation Engineering (ISIT)

ISIT conducts research on Transportation Engineering across the spectrum of transportation modes (road, rail, air, river-sea, pipeline, and others) aimed at the necessary integration of transportation in the country. [Web page](#)

Institute of Food Science and Technology (ICTA)

ICTA conducts basic and applied research in sensory analysis; aromas and pigments; cereals and seed oils; poultry science; management, quality and environment engineering; biochemistry and reproductive biology; microbiology; and nanoscience and food pharmacology. [Website](#)



Institute for Utilities (public services) and Infrastructure Research (IISPI)

IISPI performs economic engineering studies of public utilities such as urban solid waste and transportation. [Web page](#)

Center for Research in Earth Sciences (CICTERRA)

CICTERRA develops three main fields of research: lithosphere-asthenosphere dynamics, climate variability and geoenvironmental processes, and evolution of biological diversity. [Web page](#)

Institute of Advanced Studies in Engineering and Technology (IDIT)

The institute's activities are focused on the development and transfer of knowledge in the areas of solid mechanics and structures, hydraulics and hydrology, geotechnics, mechanics of aerospace fluid, and TICS. [Web page](#)

Institute for Biological and Technological Research (IIByT)

IIByT develops research in biochemistry and molecular biophysics, behavioral biology, applied biology, cell and molecular biology, and bioinformatics and complex systems. [Web page](#)

Multidisciplinary Institute of Plant Biology (IMBIV)

IMBIV is a research center created through an agreement between CONICET and the University of Buenos Aires. IMBIV conducts research in three major areas of biology: systematics, taxonomy, and chemistry and ecology. The institute aims to provide the region and the country with knowledge that will allow an adequate understanding and management of biodiversity, and thus enable a rational use of natural resources. [Web Page](#)



Institute for Research and Development in Engineering and Processes and Applied Chemistry (IPQA)

IPQA is a reference center in the development, transfer, and dissemination of knowledge in chemical sciences and process engineering applied to the design, optimization, and planning of processes and production complexes, as well as the design, synthesis, and characterization for the development of new products of technological interest. [Web page](#)

Institute of Food Science and Technology Córdoba (ICYTAC)

ICYTAC's main areas of study are food engineering and processing, nutrition and health, technological and sensory quality of food, food integrity and authenticity, and nourishment, environment, and society. [Web page](#)

Institute for Animal Diversity and Ecology (IDEA)

This institute conducts research on genetics, ecology, physiology, and conservation and evolution of birds, mammals, reptiles, amphibians, and invertebrates. [Web page](#)

Center for Ecology and Renewable Natural Resources "Dr. Ricardo Luti" (CERNAR)

CERNAR conducts research in restoration ecology; diversity, ecology and ecophysiology of lichenized fungi; ethnozoology; urban ecology; management and sustainable use of invasive exotic species; soil microbiology; and other relevant disciplines. [Web page](#)



Center for Land Planning Studies (CEPLAT)

The center focuses its work on urban and regional planning; sectoral planning and programming; institutional programming and management; and strategy and management of infrastructure systems. [Web page](#)

Entomological Research Center of Córdoba (CIEC)

The center's research focuses on insect-plant interactions and the study of mosquitoes, moths, butterflies, and dragonflies. [Web site](#)

Center for Applied Geological Research (CIGEA)

The center conducts studies on orogenic processes and their relationship with the formation of petroleum resources, minerals and rocks for their subsequent exploration, and prospecting and exploitation. [Web page](#)

Center for Geochemical and Surface Process Research (CIGeS)

The center conducts studies on surface and groundwater geochemistry, weathering, sediment geochemistry, limnogeology, mid-latitude climate change, aerosol dynamics and geochemistry, and water, soil, and sediment contamination. [Website](#)

Center for Applied Zoology

The center develops research aimed at finding solutions to problems related to the sustainable use and conservation of native fauna and flora, including endangered and commercially useful species. [Web Page](#)



Laboratories

- High Voltage. [Web page](#)
- Aeronautics. [Web page](#)
- Sedimentary Basin Analysis. [Web page](#)
- Animatronics and Dynamic Control. [Web page](#)
- Computer Architecture. [Web page](#)
- Low Voltage. [Web page](#)
- Behavioral Biology. [Website](#)
- Computers. [Web page](#)
- Digital Communications. [Web Page](#)
- Structures. [Web page](#)
- Non Destructive Testing and Evaluation of Infrastructure Works. [Web Page](#)
- Solar Energy. [Web Page](#)
- Electrical Engineering and Electronics. [Web page](#)
- Geotechnics. [Web page](#)
- Geoprocessing and Geomatics. [Web page](#)
- Hydrobiology. [Web page](#)
- Applied Research and Development (LIADE). [Web page](#)
- Research and Development of Software and Artificial Intelligence (LIDeSIA). [Web page](#)
- Applied Mathematical Research in Control (LIMAC). [Web page](#)
- Industrial Engineering and Maintenance. [Web Page](#)
- Rehabilitation Engineering. [Web Page](#)
- Machines. [Web page](#)
- Digital Signal Processing. [Web page](#)
- Signal Processing. [Web page](#)
- Road Infrastructure. [Web page](#)
- Nuclear Reactor. [Website](#)
- Hydraulics-CETA. [Web Page](#)



Faculty of Medical Sciences

INICSA (Institute for Research in Health Sciences FCM/CONICET)

INICSA seeks to solve problems related to the preservation and restoration of human health. Research areas include cellular and molecular endocrinology, nutritional pathophysiology of chronic non-transmissible diseases, nutritional and environmental epidemiology, tropical and subtropical medicine, and neurophysiology of depression, among others. [Web page](#)

Prof. Dr. Oscar Orías Institute of Physiology

This institute investigates the impact of nutritional, pharmacological, and environmental factors on mammalian reproductive function. [Web site](#)

Center for the Study of Congenital Metabolopathies (CEMECO)

CEMECO specializes in the study, diagnosis, and education in an area of medical genetics: congenital errors of metabolism, also known as inherited metabolic diseases. [Web page](#)

Center for Studies and Research on Chagas Disease and Leishmaniasis

This center conducts basic scientific research on endemic diseases such as Chagas disease and Leishmaniasis. It also studies possible therapies and treatments for these conditions. [Web page](#)



Center for Studies, Research and Development of Human Resources in Health (CEIDRHUS)

The center develops works for the development of human resources in health, with the participation of all the actors involved. It promotes research in the field in Argentina and America. [Web page](#)

Center for Epidemiological and Health Sciences Research (CIESS)

This center conducts epidemiological and health services research that provide information to support decision-making and evaluate whether decisions are executed as planned and obtain the expected result. Epidemiology combines the theoretical perspective and methodology for the study of the state of health in the population and its determinants. Health services research takes into account epidemiology and health services, particularly focused on children and adolescents. [Web page](#)

Center for Research and Training in Health and Labor Services Management (CeGeSST-ESP)

The mission of this center is to research topics related to healthcare services management and healthcare work. [Web site](#)

Center for Research on Human Nutrition (CenINH) – School of Nutrition

Some of the research lines of this center are: clinical nutrition and dieteotherapy, socioanthropology of food, food technology. [Web page](#)

Electronic Microscopy Center

The main lines of research of this center are associated with different aspects of pituitary tumors. [Web page](#)



Pilot Center for the Detection of Metabolic Errors (CEPIDEM)

This center focuses on: genetic disorders of hearing loss, hemochromatosis, Gilbert's syndrome and Hirata syndrome.

[Web page](#)

Institute of Cell Biology

The institute is focused on the molecular mechanisms between dietary lipids and carcinogenesis. [Website](#)

Institute of Virology Dr. J. M. Vanella

The institute conducts research on arboviruses, chlamydias, HPV, viral gastroenteritis, measles, hepatitis, rubella, parvovirus, HIV, HTLV, polyomavirus, herpes and respiratory viruses. [Website](#)

Laboratory of Phospho-Calcium Metabolism and Vitamin D "Dr. Fernando Cañas" department of Biochemistry and Molecular Biology

This laboratory is currently investigating apoptosis (cell death) in epithelial cells and its therapeutic implications. [Web page](#)

University Institute of Reproductive Medicine. IUMER

The institute conducts studies on infertility in men and women.

[Web site](#)

Institute of Clinical and Epidemiological Research

The institution conducts studies on children and adolescents with cerebral palsy and on premature newborns. [Web page](#)



Faculty of Chemical Sciences

Center for Clinical Biochemistry and Immunology Research (CIBICI)

CIBICI conducts research in the areas of Biochemistry, Immunology, Cellular and Molecular Biology, Microbiology, Endocrinology and Food Sciences. [Web page](#)

Center for Research in Biological Chemistry of Córdoba (CIQUIBIC)

CIQUIBIC has research lines in three main areas: Biophysicochemistry and Structural Biochemistry; Molecular Genetics and Biotechnology; and Biological Chemistry, Cellular and Molecular Biology and Neurobiology. [Web page](#)

Research Institute of Physical Chemistry of Cordoba (INFIQC)

INFIQC carries out research projects in environment and energy; synthesis, reactivities and structure; surfaces, interfaces and nanomaterials; molecular biorecognition and sensors. [Website](#)

Institute of Experimental Pharmacology of Cordoba (IFEC)

The IFEC is focused on the experimental study of the neurobiological mechanisms of various psychiatric disorders, using different animal models. [Web page](#)

Pharmaceutical Technology Research and Development Unit (UNITEFA)

UNITEFA has researchers specialized in pharmaceutical analysis, design and evaluation of nanotechnology platforms, tool design for biomedical applications, and so on. [Website](#)



Multidisciplinary Institute of Plant Biology (IMBIV)

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TICYTAC's main areas of study are: Food Engineering and Processing, Nutrition and Health, Technological and Sensory Quality of Food, Food Integrity and Authenticity, Food, Environment and Society. [Website](#)

Institute for Research and Development in Engineering and Processes and Applied Chemistry (IPQA)

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Faculty of Social Sciences

Research Area

Within the faculty, research on feminism, gerontology, urban economics, social policies, technopolitics, health policies, right to education, and related fields, is conducted. [Website](#)



UNIVERSIDAD NACIONAL DE CÓRDOBA SCIENCE INSTITUTES

Faculty of Law

Center for Legal and Social Research

This center conducts studies on problems related to the national and local legal reality in different legal sub-disciplines. [Web page](#)

Institute for the Study of Law, Justice and Society

The research areas of the institute are family law; international law; political ethics; philosophy of law; legal sociology; history of law; gender studies; constitutional law; environmental law; criminology, among others. [Website](#)

Faculty of Philosophy and Humanities

The Research Center of the School of Philosophy and Humanities "María Saleme de Burnichon" (CIFYH)

Some of the research topics of this center are: archaeologies of the future, critical thinking, social bond and capitalism, the origin of language, reasoning, argumentation and logical normativity, and so on. [Webpage](#)

Institute of Anthropology of Cordoba (IDACOR) - Museum of Anthropologies

IDACOR and the museum conduct scientific work in social anthropology, bioanthropology, archaeology, ethnobiology and museum studies. [Web page](#)

Institute of Humanities (IDH)

This institute conducts research in philosophy of language; theory of knowledge; aesthetics; contemporary Argentine social and political history; history of art, culture and architecture of the 20th century; historical archeology; gender, feminism and sexualities, Argentine and Latin American literature, among others. [Web page](#)



UNIVERSIDAD NACIONAL DE CÓRDOBA SCIENCE INSTITUTES

Faculty of Languages

Research Center of the Faculty of Languages (CIFAL)

The center conducts research in the fields of linguistics, comparative literatures and their cultures, translatology, theoretical and applied didactics, and the study of communication technologies applied to education. [Website](#)

Faculty of Mathematics, Astronomy, Physics and Computer Sciences

Enrique Gaviola Physics Institute (IFEG)

IFEG researches not only basic aspects of physics but also applications in lines such as Nanoscience, Renewable Energies, Microscopy, Neurosciences and Medical Physics. [Web page](#)

Center for Research and Studies in Mathematics (CIEM)

CIEM carries out basic studies in the areas of Differential Geometry, Differential Equations, Number Theory, Numerical Analysis and Computation, Statistics and Universal Algebra. But it also provides advice for the improvement of industrial processes, image analysis. [Web Page](#)

Mario Gulich Institute for High Space Studies (IG)

The IG is a specialized center in the field of space applications for peaceful, scientific, productive and social purposes. It conducts studies in Panoramic Epidemiology, Environment, Ecosystem Services and Environmental Emergencies, Agricultural Production and Food Security and Space Applications for Early Warning and Emergency Response. [Web Page](#)



Sustainable Energy Laboratory (LAES)

Materials for lithium-ion batteries are researched and developed at LAES. [Website](#)

Electronic Microscopy and X-Ray Analysis Laboratory (LAMARX)

The LAMARX has extensive experience in the fields of scanning electron microscopy (SEM); electron probe microanalysis (EPMA); x-ray diffraction (XRD) and x-ray fluorescence - conventional (XRF) and high resolution (HR-XRF). [Website](#)

National Laboratory for Solid Magnetic Resonance Imaging Research and Services (LANAIS)

LANAIS provides services to public and private institutions. Nuclear Magnetic Resonance (NMR) is a non-destructive analysis technique for solid and liquid materials. [Web page](#)

Laboratory of Physics Applied to Medicine (LaFAM)

LaFAM carries out non-invasive morphological studies of microradiography and microtomography on samples as diverse as biological materials, porous rocks or different metals. [Web page](#)

Laboratory of Radar and Remote Sensing (LaRSR)

With the arrival of the first Argentine Meteorological Radar (RMAI), the LaRSR performs maintenance and configuration tasks of this equipment, in addition to training human resources. [Web page](#)



School of Dentistry

Research Area

The faculty conducts research covering social, nutritional and environmental aspects of oral health, in addition to research on different oral pathologies. [Web page](#)

Faculty of Psychology

Institute of Psychological Research (IIPsi)

The institute brings together various lines of research in psychology such as personality studies, epidemiology in mental health, addictive behaviors, political violence psychology, and so on. [Website](#)

Córdoba Astronomical Observatory Institute of Theoretical and Experimental Astronomy (IATE)

The Córdoba Astronomical Observatory is the oldest in the southern hemisphere. Together with IATE, it conducts research in galactic and extragalactic astronomy, large-scale structure of the Universe, astrophysical plasmas, planetary systems, instrumental astronomy, stellar astrophysics. [Web page](#)

Center for Research and Studies on Culture and Society

This center conducts studies on population; history; political science, social and philosophical theory; communication and culture; international studies; labor and business; social and anthropological studies; habitat and society. [Web page](#)