

U.D.C.A: A Brief Summary



University of Applied and Environmental Sciences, U.D.C.A, is a modern Higher Education Institution deeply committed to the sustainable human development and society advancement through teaching, research, innovation and community projects and actions.

U.D.C.A approaches science and technology from a humanistic perspective, giving rise to free, critical and pluralistic debate from a regional, national and global reality.

As a complement, the university offers its students opportunities through national and international agreements that allow them to apply their knowledge in other areas and learn new experiences to enrich them as individuals and professionals with "glocal" vision.

The university has a privileged Campus that offers students open areas in a countryside atmosphere, inviting them to move away from the noise and immerse yourself in a culture of knowledge. It also has headquarters in the Boyacá Avenue with 66A

street and in the financial heart of Bogotá, and an additional site in Cartagena, that offers an undergraduate program in the area of Livestock Sciences.

MISSION

U.D.C.A is a private, autonomous, pluralistic and democratic University that bases its institutional work on the recognition of the norms that regulates it. It fulfils the functions of; teaching, research and social projection, forming integral professionals in different areas. Creating people with high citizen values, which contribute to the fair and equitable development of all members of Colombian society.

Its main commitment is the pursuit of academic excellence, through the transmission, generation, transfer and application of knowledge, at the service of sustainable human development in local, regional and international scope.

VISION

U.D.C.A will be recognized in the national and international context as a University distinguished by its academic excellence and its commitment to social responsibility at the service of a sustainable human development.

STRATEGIC LINES: INSTITUTIONAL DEVELOPMENT PLAN



I. Institutional Identity Strengthening. It focuses in the way in which society identifies and recognizes U.D.C.A and how the implementation of institutional missionary actions contributes to sustainable human development, building a culture of justice, equity, respect and protection of the environment.

II. Academic Consolidation. The development of the substantive university functions, throughout academic development with quality, relevant academic offer, internationalization and implementation of information and communication technologies, is established as a priority of the Institutional Development Plan, and, in general, the university life, whose purposes are to strengthen the integral formation of students, the generation and dissemination of knowledge, and the improvement of the living conditions of the university community.

III. Strengthening the university community. It aims to consolidate of welfare in the different levels of the university community in order to strengthen their belonging and identity with the university values and principles for the fulfillment of its institutional mission. The main objective is to permanently foster spaces that favor the integration and inclusion of members of the U.D.C.A community in a way that effectively contributes to the improvement of their living conditions.



IV. Strengthening of support services. It includes the management of resources for the development of a better educational environment. This includes aspects related to administrative processes, services and academic resources, all with the purpose of ensuring sustainability with quality of the institutional educational project in the long term and in a constructive way.

To achieve the objectives of the four strategic lines, there have been defined ten (10) programs, consisting of twenty-nine (29) projects to be developed in a five-year period.



Founded: May 20, 1983

- Premises:**
- University Main Campus: Calle 222 #55-37, Bogotá D.C.
 - North: Calle 72 #14-20, Bogotá D.C
 - West: Av. Boyacá # 66A-61, Bogotá D.C.
 - Cartagena de Indias: Pie del Cerro, Calle 31 # 18B-17

Rector: MSc. German Anzola Montero
 +571 6762402 – 668470 ext. 114
ganzola@udca.edu.co

Website: www.udca.edu.co

Student population: Undergraduate students: 4809
 Graduate students: 174

Total students:
4983

Faculty:	Full time: 171	Masters	PhD	Total Faculty:
	Half time: 216	220	31	387

- Working Centres:**
- Veterinary Clinic
 - Legal Advice Center (Legal Clinic)
 - Business Advice Center
 - Unit of agricultural production "El Remanso"
 - The Green College (*Colegio Verde*)

- Laboratories:**
- | | | |
|-----------------|-----------------------|-----------------------|
| • Biology | • Chemistry | • Nutrition |
| • Physiology | • Biochemistry | • Parasitology |
| • Microbiology | • Physics | • Toxicology |
| • Soils | • Phytopathology | • Reproduction |
| • Pathology | • Botany | • Mapping - GIS |
| • Environmental | • Clinical Veterinary | • Plant physiology |
| • Photography | • Histopathology | • Wild animals |
| • Simulation | • Human Amphitheatre | • Animal Amphitheatre |



Accredited programs

Nine (9)

Undergraduate Programs:

AGRICULTURAL SCIENCES

- Veterinary Medicine ****✓
- Veterinary Medicine and Animal Science - Bogotá***
- Veterinary Medicine and Animal Science - Cartagena
- Zootecnics***

ENVIRONMENTAL SCIENCES AND ENGINEERING

- Agronomical Engineering ***
- Business Engineering*
- Geographic and Environmental Engineering *
- Environmental Sciences »
- Technology on Environmental Analysis

HEALTH SCIENCES

- Medicine*
- Nursing*✓
- Sports Sciences **
- Technician in Sports Training

SCIENCES

- Chemistry
- Pharmaceutical Chemistry

ADMINISTRATION AND BUSINESS

- International Business »
- Business Administration »
- Public Accounting

LAW, EDUCATION AND SOCIAL SCIENCES





- Law
- Natural Sciences and Environmental Education

* High Quality Accreditation (* = number of granted accreditations)

» Process of High Quality Accreditation in progress

✓ International accreditation ARCUSUR-Mercosur

Graduate Programs:***Postgraduate Degrees (One year specializations)***

- Higher Education Teaching
- Nursing Home Care
- Sports training
- Veterinary Epidemiology
- Social and Environmental Management
- Clinical Veterinary Laboratory 
- Sustainable Soil Management
- Genetic and Animal Breeding
- Animal Production 
- Applied Animal Production 
- Tropical Bovine Reproduction and Embryo Transfer
- Animal Health 

 *Programs offered in two modalities: Presence-based and Virtual*

Master Degrees:

- Tropical Agroforestry
- Environmental Sciences
- Sports Sciences
- Veterinary Sciences
- Environmental Education
- Socio-Environmental Management

Contact for prospective students: admisiones@udca.edu.co

Active Researchers per field

• Health Sciences	33
• Agro-livestock sciences	27
• Engineering	24
• Science	17
• Environmental science	8
• Law, Social and Human Sciences	6
• Administration and Business	4
• Educational Sciences	3
• Immunology and vaccins (FIDIC* Agreement)	7

Active Researchers:**129**

**FIDIC: Fundación Instituto de Inmunología de Colombia (Colombian Institute of Immunology Foundation www.fidic.org.co)*



Research

Groups:

- Animal Science
- Sustainable Agricultural Production
- Health Care and Sustainable Development
- Biomedical Research and Applied Human Genetics
- Nursing Knowledge and Practice
- Geographical Research for Territorial Development
- University and Environment, GRUA
- Environmental Sustainability
- Natural Products
- Sport Science and Physical Activity
- Thinking and Learning Styles
- Social Justice Compensation
- Law, Justice and Environment

- ♥
- A+
- A
- B
- B
- B
- B
- B
- C
- C
- C
- C
- C
-

♥ *Colciencias Research Groups Classification*

Formative research:

Seedbed Research Groups: 31
 Participant Students: 333
 Participant Faculty: 61

Contact for Research and Scientific issues:

Johan Cifuentes
 Director of Research and Knowledge Management
johcifuentes@udca.edu.co

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- Lines of Action in Outreach and Social Projection:**
- National Internships
 - Social Service – participation of students in community projects
 - Continuing Education
 - Education for Work and Human Development
 - Technology Transfer Program
 - Connect Bogotá Region - Relationship with the State and the Productive Sector
 - Consulting and Advisory Service for productive projects
 - Culture of Innovation Program
 - Social Responsibility
 - Alumni Program
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- U.D.C.A Publications:**
- Revista Actualidad y Divulgación Científica - ISSN 0123-4226. Indexed in CHEMICAL Abstracts Services CAS (Columbus, Ohio, USA), in CAB Abstracts (England), and in the National Bibliographic Index PUBLINDEX (Colombia); reviewed in the Latin American Index of Scientific and Technological Journals LATINDEX, and included in the database PERIÓDICA, UNAM (Mexico).
 - Zoociencia - Virtual magazine – ISSN 2462-7763
 - Ambiens Magazine - ISSN 2346-9269. Journal of the Ibero-American Alliance of Universities for Sustainable Development and the Environment, ARIUSA published by U.D.C.A
 - Ágora Latinoamericana Magazine - ISBN 978-958-56173-0-8. Journal of the Association of Universities of Latin America and the Caribbean for Integration, AUALCPI, published by the U.D.C.A
 - Digital Magazine of Physical Activity and Sport – ISSN 2462-8948
 - La U.D.C.A Newspaper - ISSN 2145-2296
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Contact for outreach and social projection issues:

Laura Phillips Sánchez
Director of Outreach and Social Projection
lphillips@udca.edu.co

General Internationalization Programs and Services:

- International Academic Mobility Program (Outgoing / Incoming)
 - Internationalization at Home
 - UDCA Scholarship Remuneration Program
 - Capacity Building Program for Internationalization
 - Statistical Information System on Internationalization - SEIN
 - Information System on International Opportunities - SIELO
 - Internationalization Focal Points Scheme
 - Housing Network for Foreigners - ReVEx
 - Directory of International Pairs
 - Study Abroad Counseling Service
 - Management of international institutional memberships
 - Consultancy for international agreements and alliances
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**International
Cooperation
Agreements**
(countries):

- Germany
- Argentina
- Bolivia
- Brazil
- Canada
- Cuba
- Chile
- Dominican Republic
- Ecuador
- El Salvador
- Guatemala
- Italy
- Mexico
- Peru
- Poland
- Portugal
- Spain
- Ukraine
- United States of America
- Uruguay

**Number of
agreements:**

74

**International
Memberships:**

- Association of Latin American and Caribbean Universities for Integration, AUALCPI (Permanent Office and Executive Directorate)
- Inter-American University Organization, OUI (Vice-Presidency Colombia Region and Regional Executive Secretariat)
- Union of Latin American Universities, UDUAL (member of the Executive Board)
- Virtual Educa (Presidency Colombia)
- Latinamerican Parliament (member of the Commission of Education, Technology and Culture)
- Ibero-American Alliance of Universities for Sustainable Development and the Environment, ARIUSA (General Coordination)
- Latin American Group for Cooperation and Study in Agricultural and Environmental Sciences, UnAgro-Ambiental (Headquarters and General Coordination)
- Global University Partnership for Environment and Sustainability, GUPES
- Ibero-American Postgraduate University Association, AUIP
- Universia Network
- International Association for the Exchange of Students for Technical Experience, IAESTE
- Latin American Association of Schools and Faculties of Nursing, ALADEFE
- Latin American Association of Faculties and Schools of Medicine, ALAFEM
- Pan American Association of Veterinary Sciences, PANVET
- Andean Research Network on Forest Systems, REDISAF
- International Olympic Academy
- World Association of Zoos and Aquariums, WAZA

**Contact for
international affairs:**

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