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KNOWLEDGE

BRANDS

They synthesize the knowledge of the research groups of the Faculty of Architecture. These are capabilities oriented to solve problems and overcome challenges in order to improve the quality of life of Colombian communities.

Consolidation of these brands allows the University to have a closer relationship with society and stakeholders such as the public and private sectors, among others.

- Governance and public policy
- Sustainable rural development
- Inclusion and social construction
- Infrastructure
- Smart territories
- Heritage, culture and arts
- Environmental management
- Energy
- Productive sector and innovation
- Water





GOVERNANCE AND PUBLIC POLICY

Territorial management and institutional framework

- · Development plans and land-use planning.
- · Assessment of the impact of governmental plans, programs and projects.
- Formulation and evaluation of public policy.
- Political and constitutional culture for participation.
- Selection of human resources.
- · Organizational culture.
- · Public habitat and housing policy.

Research Groups

Brand: Governance and Public Policy









SUSTAINABLE RURAL DEVELOPMENT

Food security and social security

- · Clean production systems.
- Sustainable rural development.
- · Management of rural social capital.
- Community organization.
- Quality of life.

Research Groups

Brand: Sustainable Rural Development



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INCLUSION AND SOCIAL CONSTRUCTION

Equity, rights, participation and social innovation

- · Serving vulnerable populations.
- Gender perspective.
- Promotion of community and productive organizations.
- · Social diagnostics.
- · Social impact.
- · Human rights.
- · Equity policies.
- Characterization of social actors in particular problems.
- Socio-demographic profiles.

Research Groups

Brand: Inclusion and Social Construction



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Gender observatory

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INFRASTRUCTURE

Design and engineering for economic and social development

- Hydraulic infrastructure.
- · Materials science and technology.
- · Design and construction audits.
- Design, architectural and engineering studies for public facilities and equipment.
- Architectural projects and coordination of technical studies.
- Housing architecture.
- · Architectural reuse of structures and infrastructure.
- Site supervision of architectural projects.
- Infrastructure master plans.
- Urban projects.
- · Building pathology studies.
- Bioclimatic structures and infrastructures.
- · Risk management and mapping.



Research Groups

Brand: Infrastructure



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SMART

TERRITORIES

Inclusive, sustainable, safe, cultural and innovative territory

- Urban and regional land-use plans.
- · Utility network management.
- Integrated waste management.
- · Urban mobility and traffic engineering.
- Environmental monitoring and management.
- · Automation of urban process.
- Early threat detection.
- · Knowledge districts.
- Smart city.
- · Science and technology parks.
- · Bioclimatic conditions in cities.



Research Groups

Brand: Smart Territories



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INTERFACE Group

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HERITAGE, CULTURE AND ARTS

Management, identity and creation

- · Tangible and intangible heritage.
- · Social appropriation of knowledge.
- · Citizen culture.
- Diagnosis and intervention of cultural heritage.
- Formulation and evaluation of cultural management projects.
- Image and artistic creation projects.
- · Artistic and musical training projects.
- · Historical, architectural and urban assessment.
- Cultural sociology.
- · Curatorship and museography.

Research Groups

Brand: Heritage, Culture and Arts



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ENVIRONMENTAL MANAGEMENT

Climate monitoring and change

- Environmental diagnosis.
- Environmental information system.
- Environmental monitoring, control and follow-up.
- · Scientific expeditions.
- Ecosystem change diagnostics and studies.
- · Watershed management and planning.

Research Groups

Brand: Environmental Management



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ENERGY

Communities, organizations, competitiveness and development

- Energy efficiency.
- Alternative and renewable energies.
- Energy sustainability.

Research Groups

Brand: Energy



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Construction
Research Group
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WATER

Planning, management and development

- Land use plans for island and coastal cities.
- · Marine and coastal industries.
- Marine and coastal territorial development.
- River industries (rivers, seas and oceans).
- River territorial development (rivers, seas and coasts).
- · Autochthonous stilt-house architecture.
- Management plans around water bodies (dams, lakes and rivers).

Research Groups

Brand: Water



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Transepto.
Architecture
without borders

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PRODUCTIVE SECTOR

AND INNOVATION

Organizations, competitiveness and development

- Sustainable regional and municipal productive projects.
- Design and development of new products.
- · Operation simulation and modeling.
- Process automation.
- · Productive innovation.
- · Entrepreneurship.
- · Social and productive innovation centers.
- · Open innovation models.
- Entrepreneurship processes.

Research Groups

Brand: Productive Sector and Innovation



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LABORATORIES RELATED

TO KNOWLEDGE BRANDS

For research, extension and academic services

- Construction Laboratory.
- Laboratory of Representation Media (virtual production, graphing and FABLab).
- Laboratory of Bioclimatic Architecture.
- Laboratory of Arts (digital and documentary production, photography, graphic arts, sculpture, drawing and painting).













ALUMNI

RELATIONS OFFICE

Strengthening ties with alumni and generating spaces for their return, participation and recognition

ACADEMIC NETWORKS



Colombian Association of Urban and Regional Researchers (ACIUR)

Suly María Quinchía Roldán

Scope: National













Network of Latin American Architecture Schools and Faculties (REFAL)

Ader Augusto García Cardona Scope: International







Colombian Association of Arts Faculties and Programs (ACOFARTES)

Sebastián Alexi Wiedemann Caballero









SOCIAL APPROPRIATION OF KNOWLEDGE

EXHIBITION ROOM (SALA U) AND PUBLISHING CENTER

Dissemination, publication and social appropriation of knowledge

- · Curatorships.
- Art exhibitions.
- · Local, regional, national and international events.
- · Museographic design.
- · Scientific and academic publications.
- Dissemination and marketing of publishing projects.



Associated Units



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Sor Natalia Álvarez Micolta snalvare@unal.edu.co



CONTINUING EDUCATION, PRACTICUMS AND INTERNSHIPS

Courses and Diplomas:

- Open Offer (Courses and Diplomas open to the public on topics related to the knowledge brands).
- Closed Offer (Courses and Diplomas designed and offered to meet the needs of institutions, companies and/or associations that request them).

Practicums and Internships:

Practicum and internship students interact with companies from different economic sectors: artistic services, curatorship, construction, urban and regional architecture, among others. Local, national and international business and institutional internships are developed virtually and/or on site.

- Business and institutional internships
- International internships

Associated Units









RESEARCH GROUPS

FACULTY OF ARCHITECTURE



SCHOOL OF HABITAT - CEHAP

Leader: Mónica Elizabeth Mejía Escalante **MINCIENCIAS Code:** COL0003839



CONSTRUCTION RESEARCH GROUP

Leader: Juan Enrique Torres Madrigal **MINCIENCIAS Code:** COL0051068



URBAN-REGIONAL DYNAMICS

Leader: Iván Ricardo Castro Díaz MINCIENCIAS Code: COL0003589



RESEARCH GROUP ON ENERGY, ENVIRONMENT AND TECHNOLOGY (EMAT)

Leader: Ader Augusto García Cardona **MINCIENCIAS Code:** COL0051219



ARTS RESEARCH GROUP

Leader: Fernando Célimo Escobar Neira **MINCIENCIAS Code:** COL0051049



ARCHITECTURE AND URBAN PLANNING STUDY GROUP

Leader: Nathali Socorro Montoya Arango

MINCIENCIAS Code: COL0027797



RESEARCH GROUPS

FACULTY OF ARCHITECTURE



REHABILITATION OF WOOD, STEEL, CONCRETE AND COMPOSITE STRUCTURES

Leader: César Augusto Echevarría López **MINCIENCIAS Code:** COL0072667



TRANSEPTO, ARCHITECTURE WITHOUT BORDERS

Leader: Diego Francisco González Rico **MINCIENCIAS Code:** COL0184547



REPRESENTATION OF THE BUILDING AND THE TERRITORY (REEDYTE)

Leader: Esneda Beatriz Arrieta Neira **MINCIENCIAS Code:** COL0092605



MATERIALS

Leader: Juan Camilo Restrepo Gutiérrez **MINCIENCIAS Code:** COL0185669



SPATIAL STUDIES SEMINAR

Leader: Gilda María Wolf Amaya MINCIENCIAS Code: COL0211018



INNOVATION AND CONSTRUCTION MANAGEMENT GROUP (IGC)

Leader: Carlos Andrés Rúa Machado **MINCIENCIAS Code:** COL0232199



ACTIVE RESEARCH INCUBATORS 2025



Aplicatto

Juan Enrique Torres Madrigal aplicatto_med@unal.edu.co
Main OCDE classification: Engineering and Technology



CHAGRA

Juan Carlos Ceballos Guerra jceballo@unal.edu.co Main OCDE classification: Social Sciences



Research incubator on construction materials (SIMC)

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Urban and territorial land-use planning

Emma Teresa Coutin Castro

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Main OCDE classification: Social Sciences



Rehabilitation of wood, steel, concrete and composite structures

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Bioclimatic design of facades for the Andean tropics

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Research incubator on construction management (SIGCON)

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Building sciences and the built environment

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ACTIVE RESEARCH INCUBATORS 2025

Cuerpolíticas: Research incubator on advanced studies on performance, action art and activism

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Epistemologies and politics of research from the arts (EPIA)

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GIS and Territory

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Architecture: geo-climate and daily life

John Ferney Arango Flórez

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Research incubator on expanded graphics

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Research incubator on Spatial Studies

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Binders and construction research group (GRINCO)

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Research incubator on circular engineering for the construction industry (SICC)

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SEMILLEROS ACTIVOS 2025



Articulating laboratory for transdisciplinary, sensitive and ecological practices (Lab a-PTSE)

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Use of public space in the contemporary city

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Instruction in Architecture

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Spectrum.
Light, color and space laboratory.

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Contemporary community art practices

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GRADUATE

PROGRAMS



Specialization

Architecture

- 1. Real Estate Management
- 2. Urban Design
- 3. Urban and Regional Planning

Construction

- 1. Architectural inspection of projects and sites
- 2. Building Pathology



Master's degrees

Architecture

- 1. Architecture
- 2. Urban and Regional Studies

Construction

- 1. Construction
- 2. Habitat

Plastic Arts

1. Plastic and Visual Arts



Doctoral degree



Architecture

1. Doctoral degree in Urban and Territorial Studies







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