



Master in

URBAN DEVELOPMENT PROJECTS

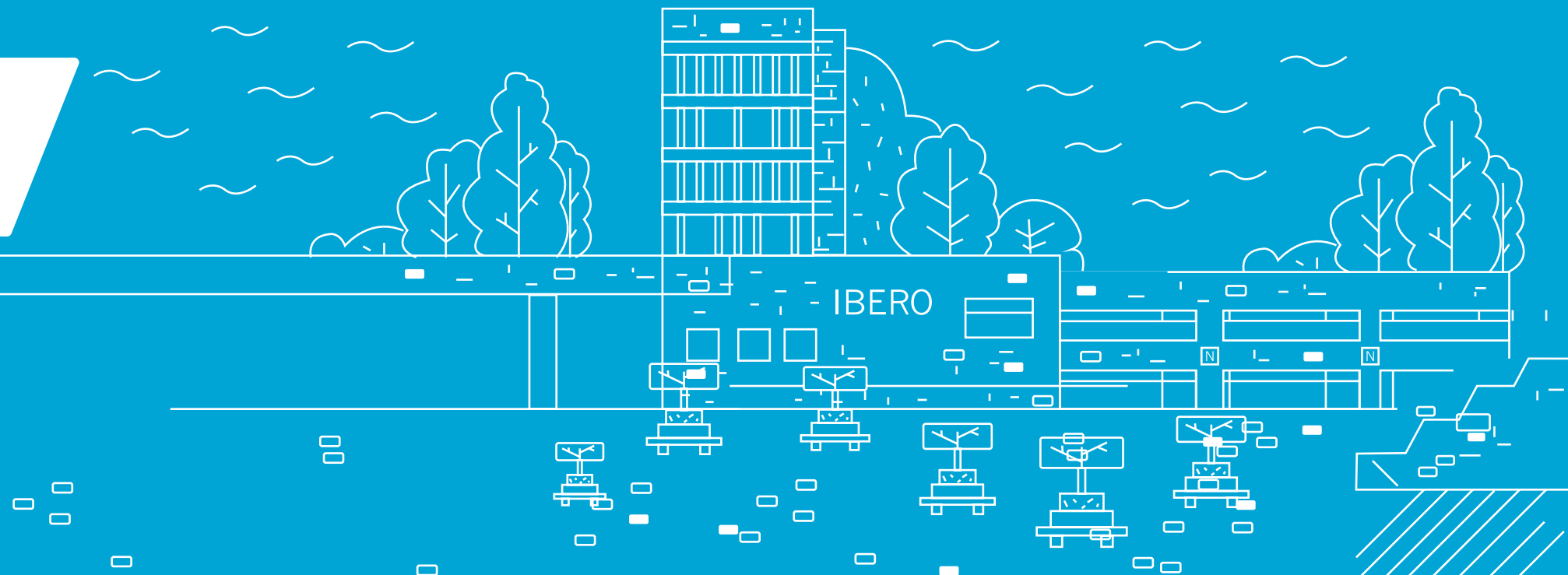
CONTEXT AND RELEVANCE

The Master's in Urban Development Projects (MPDU) is pioneer in teaching concepts of sustainable urban development, setting out alternatives to address urban problems from a multidisciplinary perspective, promoting cities with equity, social justice, and with a balanced relationship with the environment.

For this purpose, the program is supported by a highly specialized faculty with expertise in different areas of knowledge; in order to have a positive influence on inhabitants' quality-of-life, it is essential to design projects that orchestrate social, economic, environmental and legal instruments. Novel methods are applied to the teaching-learning process, developing systemic thinking and integrated design processes.

Since its beginning in 1997, it was conceived as a professional program applying theoretical knowledge to actual projects and practical cases, providing students with personalized attention.

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LINKAGE

The Architecture Department has built alliances with leading organizations in sustainability topics:

- *International Living Future Institute*
- *LafargeHolcim Foundation for Sustainable Construction*
- *SUME: Sustentabilidad para México*
- *U. S. Green Building Council*
- *ULI: Urban Land Institute*

As well as alliances with several universities, including:

- *Universitat Politècnica de Catalunya*
- *Universidade do Porto*
- *Universidad Rafael Landívar*
- *École Nationale Supérieure d'Architecture de Paris La Villette*
- *Oxford Brookes University*

The Sustainable Urban Projects Office (OPUS), of the Architecture Department works collaboratively with:

- *Urban Development Programs of Mexico City's Delegations*
- *Mexico City's Urban Development Sub-programs*

Projects have been submitted to the Cultural Corridor of Santa Fe Contest (Mexico City's Ministry of Culture); other projects include industrial recycling projects and development-triggering projects and masterplan for the town of Santa Fe (Fundación Casas Meneses).

OBJECTIVES

General

To provide humanistic and scientific urban development training enabling developers to propose physical spatial products

focused in orderly urban development that meet the needs of individuals and social groups, and to orchestrate projects that respond to the national social, economic, political and environmental conditions.

Specific

1. To understand the interactions of social, cultural, economic, political, and environmental factors with urban form and functioning.
2. To identify and analyze urban issues and introduce viable sustainable solutions to real problems, including implementation alternatives.
3. To gain knowledge in the area of urban design and real estate development as essential components of urban projects.
4. To work in multidisciplinary teams, understanding roles and functions of the different specialties involved in urban development.

APPLICANTS PROFILE

The program targets new graduates, professors, and professionals from architecture, urbanism, environmental, social, political, law and administration fields interested in expanding their knowledge and improving their professional practice in topics related to urban development and regional development.

Professionals from the following fields can apply for the master's program: administration, architecture, anthropology, environmental sciences, political science, law, design, ecology, economy, art history, engineering, sociology, and urbanism.

Although experience in urban development is encouraged, it is not an essential requirement.

GRADUATES' PROFILE

The graduate is a professional with leadership abilities, capable of coordinating, developing, instrumenting, assessing and monitoring sustainable urban projects.

FIELD OF WORK

The graduate can create and implement urban design and territorial planning projects; coordinate and lead multidisciplinary team studies, research projects and other projects associated to issues of cities development; and formulate sustainable approaches to improve the quality-of-life in cities.

FACULTY MEMBERS

Carlos Luis Delgado Castillo

M.Sc. in Urban Development Projects, Universidad Iberoamericana
B.Sc. in Urbanism, Universidad Simón Bolívar (Venezuela)

Line of Research:

Habitable Space and Sustainability

Relevant Publications:

Delgado Castillo, C. and Aguilar-Dubose, C. *Diseño y Construcción sostenibles: realidad ineludible*. Mexico: Universidad Iberoamericana, 2011; PhD Thesis: "Regenerative development and design as a tool to fostering sustainable periphery urban areas".

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Célida Isabel Gómez Gámez

(Master's Coordinator)

Ph.D. in Urban Design with specialty in Participative Urban Planning, Oxford Brookes University
M.Sc. in Architecture, ITESO

Line of Research:

Habitable Space and Sustainability.

Relevant Projects:

"Recreating the Metropolitan Park" (with the Government of the State of Jalisco, 2007); "Socialization of the La Viga Linear Park and Socialization of the Pushkin Garden" (for the Public Space Authority, 2015); "Mexico City's 10 Most Prosperous Blocks" (for Comunica la Ciudad, 2016).

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José Francisco López Ruiz

Ph.D. in Literature and Arts Criticism, Theory and History, Università Cattolica del Sacro Cuore
M.A. in Iberian American Literature, Universidad Iberoamericana Puebla
B.Sc. in Architecture, Benemérita Universidad Autónoma de Puebla

Line of Research:

Habitable Space and Sustainability.

Publications: *Artefactos de muerte no simulada: Damien Hirst en México*, México: Universidad Iberoamericana, 2009; *La rebelión de las marionetas: "teatro en el teatro"* en Luigi Pirandello y Vicente Leñero, México: Universidad Iberoamericana, 2011; *Museos y Educación*, México: Universidad Iberoamericana, 2012.

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LINES OF RESEARCH

1. Habitable Space and Sustainability

General Objective:

To promote an updated prospective analysis of the physical and spatial aspects of habitable spaces, working towards building a sustainable future.

Specific objectives:

- To reflect on the notion of sustainability and the competencies required in the fields of architecture, urbanism, and regional development in order to adopt sustainable principles.
- To provide tools to implement sustainable practices in the intervention of spaces and territories.
- To reflect critically on Mexico's adoption of current international sustainability concepts and practices provisions.
- To promote the adoption of sustainable approaches in architecture and urbanism

2. Line of Research 2: Built Environment, Society and Territory

General Objective:

To produce knowledge on the social-spatial processes that have given place to Mexican cities and to the current modalities of interaction between built environment and lifestyles.

Specific objectives:

- To study the social processes associated with the development of cities.
- To identify and understand the processes of production of habitable space that impact the development of cities in Mexico.
- To explore inhabitants' and creators of habitable spaces perception on architectural and urban environments and their significance.
- To study the relationship between the characteristics of built environment and population's life quality with an interdisciplinary approach.
- To develop and apply methodologies that foster the production of knowledge on public space.
- To generate knowledge enabling the definition of optimal parameters to influence patrimonial conservation policies, given the relevance of the architectonic and urban elements that are part of local identities.

SYLLABUS

First semester

Integral Development I
Sustainable Development Seminary I
Introduction to Urban Projects
Urban Design and Planning Processes

Second semester

Integral Development II
Sustainable Development Seminary II
Elective

Third semester

Integral Development III
Sustainable Development Seminary III
Elective

Fourth semester

Degree Seminar
Sustainable Development Seminary IV

Total Credits: 84

Of which:

64 credits are compulsory subjects
10 credits are elective subjects
10 credits belong to the degree area

ELECTIVE SUBJECTS

- Estate Development
- Urban Design
- Mobility and Sustainable Transport
- Urban Landscape
- Selected Topics in Urbanism

ADMISSION PROCEDURES:

Deliver the following documents:

- Copy of the bachelor's degree
- Copy of the bachelor's academic record
- Statement of purpose to request entry to the graduate program
- Verifiable academic or job portfolio
- Recommendation letter from employer, and academic recommendation letter.
- Curriculum Vitae with photograph (no more than four pages)
- Take the EXANI III exam

For further information, please contact:

celida.gomez@ibero.mx or maestria.desarrollourbano@ibero.mx



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