

# UCLOG

July 2-August 3, 2018  
Bogotá, Colombia

logyca ■



The Undergraduate Certificate in  
Logistics & Supply Chain  
Management

# UCLOG

July 2-August 3 2018

## Overview of the Program

The Undergraduate Certificate in Logistics & Supply Chain Management (UCLOG) is an elite program from the Center for Latin-American Logistics Innovation (CLI) hosted at the Bogotá campus and geared towards outstanding undergraduate students from all over the world. The UCLOG is open for students fully enrolled in bachelor programs in areas relevant to supply chain management and logistics.

The program is taught by researchers and lecturers from CLI and the Massachusetts Institute of Technology (MIT) Center for Transportation & Logistics (CTL) in the most innovating topics in Logistics & Supply Chain Management.

# Program Objective & Topics

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The UCLOG will provide a unique world-class experience that supports the pathway to a successful professional career in the discipline, with the objective of developing students to master the necessary knowledge and abilities for innovative problem-solving and designing Logistics & Supply Chain Management solutions within multiple realistic constraints, involving partner leading companies and recognized research faculty from the CLI and the MTISCALE Network, who create a challenging, hands-on and state-of-the-art learning environment.



**Operations and  
innovation in global  
and emerging  
markets**



**Contemporary issues  
in Logistics and Supply  
Chain Management (SCM)**



**Latin-American  
Logistics and Supply  
Chain Management**



**Innovative problem solving  
and engineering design**



**Logistics and Supply Chain  
Management methods and tools**

# Why participate?

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## UNIVERSITY

**INNOVATION:** an innovating academic experience with world-class leading partners in their discipline.

**MIT SCALE Latin America Network:** a program developed by Universities and Academics members of the MIT SCALE Latin America Network.

**COMPETENCES:** development of disciplinary and personal competences.

## STUDENTS

**EDUCATION:** complementary education in Supply Chain Management & Logistics with an emphasis on practical and applicable knowledge.

**EXPERIENCE:** the only international academic and multicultural experience available in Latin America. The program will host students from all over the region and in the future, from all over the world.

**CERTIFICATE:** a certificate from the MIT Center for Transportation and logistics offered by CLI. International experts from USA, Europe and Latin America.

**OPPORTUNITY:** Having the opportunity to interact with some of the most important Colombian companies leading the way in logistics and supply chain management.

# Why participate?

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## PARENTS

**CULTURAL EXPERIENCE:** Colombia has become one of the most important academic centers in Latin America, with both leading companies and a stable economy. You will find culture and history, a variety of museums, fairs, festivals and cultural shows as well as a diverse gastronomy. Furthermore, a passionate, warm and friendly culture welcomes visitors throughout the Colombian territory.

**INTEGRAL CONDITIONS:** an ecosystem with integral, safe and ideal conditions for learning and development.

# Who is CLI?

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In 2008, the MIT Center for Transportation & Logistics and the logistics education and GS1 firm [LOGYCA](#) signed a multi-year agreement to create the Center for Latin-American Logistics Innovation (CLI) as part of the [MIT Global SCALE](#) Network of supply chain research centers. Through this partnership, the MIT Global SCALE Network has developed a vibrant academic and research network throughout Latin America.

# Learning Outcomes

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Students will develop  
the following competences\*:

An ability to **function on multidisciplinary teams**

An ability to **identify, formulate, and solve** engineering problems



The broad education necessary to **understand the impact of engineering solutions in a global, economic, environmental, and social context.**

\*ABET EAC  
Learning Outcomes

An ability to **design a system, component, or process** to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.

# Outline

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The UCLOG 2017 will take place from  
**July 2 to August 3, 2018 (5 weeks)**

The program will follow the principles of challenge-based learning. This strategy focuses on providing students with a learning challenge based on a relevant and real problem situation that they will solve using a feasible, well-argued alternative. This involves:

<b>CLASSROOM</b>	<ul style="list-style-type: none"><li>- Exploration activities</li><li>- Learning and research modules</li></ul>
<b>INDUSTRY-LINKED</b>	<ul style="list-style-type: none"><li>- Challenge immersion and engagement</li><li>Collaborative problem-solving</li><li>- Coaching</li></ul>
<b>INDEPENDENT STUDIES</b>	Research work (individual and teams)
<b>EVALUATION</b>	Individual and teams



# UCLOG

## Program Cost 2018:

**USD\$2,000**

This cost includes:

Coffee break

Lunch

Tuition

\*Students are responsible for Travel & Living Expenses.

### Application Deadlines

Round I: March 2

Round II: May 25

# Application Requirements

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To apply to the **UCLOG program**, you must send the following supporting documentation to [cgonzalez@logyca.com](mailto:cgonzalez@logyca.com) before **March 2** (Round I) and **May 25** (Round II).

- Resume or CV
- Transcripts
- 2 Letters of Recommendation
- Statement of Objectives
- Video Statement

## Document Instructions

### 1. Resume or CV

Provide a resume that includes all your personal information and experience.

### 2. Letters of Recommendation

Provide two recommendation letters from two individuals familiar with your academic and/or professional performance (i.e., professor or supervisor).

### 3. Transcripts

Send the transcript of your academic experience.

### 4. Statement of Objectives

Explain the reasons why you wish to apply to UCLOG. Prepare your statement of objectives and goals in a way that shows your potential and passion to be a part of this program.

### 5. Video Statement

As part of your application, you need to record a 5-minute video summarizing who you are and why you want to participate in the UCLOG program. The video must be recorded in English.

**If you belong to any of these universities,  
you will have a 5% discount.**



# Structure

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## Challenge-based

### Learning activities:

260 activity-hours in total

### 50-60 hours

of classroom learning activities

#### EXPLORATION ACTIVITIES

Guest speakers and company visits to introduce the context/problem situation and background.

#### LEARNING AND INVESTIGATION MODULES

Relevant lectures, seminars, workshops and lab work to support problem solving and solutions design.

### 40-50 hours

of industry-linked activities

#### CHALLENGE IMMERSION AND ENGAGEMENT

Company immersion for observation, engaging stakeholders, data collection, and expert coaching.

#### COLLABORATIVE PROBLEM-SOLVING

Team problem solving and coaching, and plenary sessions for creation, documentation, reflection and the final solution.

## 155 hours of independent studies

Individual and collaborative work and research.

## 5 hours of outcome evaluation and assessment

Disciplinary outcomes assessment center by internal and external evaluators.

# UCLOG

July 2-August 3, 2018(5 weeks)

## The Undergraduate Certificate in Logistics & Supply Chain Management

For more information  
or registration

**APPLY NOW**

### Contact info:

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UCLOG General Coordinator  
[cgonzalez@logyca.com](mailto:cgonzalez@logyca.com)

