



# Life Cycle Assessment

## KEY WORDS

LIFE CYCLE ANALYSIS,

ENVIRONMENTAL ASSESSMENT,

ENVIRONMENTAL FOOTPRINT

## MAIN CONTENTS

Introduction to Life Cycle Assessment (LCA); goal and scope definition in LCA; life cycle inventory; life cycle impact assessment; LCA software and data management; limitations of LCA.

## COURSE DYNAMICS

The course is conducted through lectures with interactive presentations and practical examples; guided workshops with applied exercises for each LCA stage; case studies to contextualize applications in Colombia; teamwork for developing the semester project; periodic project supervision; integration of digital tools and software such as openLCA.

## LANGUAGE

Spanish

## EVALUATION METHODOLOGY

Through a project, workshops and a final exam

## CONTACT US

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### Topic area

Plastics and polymers, Environment, LCA



### Format

In-person  
64hs



### Level

Introductory / basic



Certificate of Participation

