



# Metagenomics and Biotechnology for a Circular Economy

## KEY WORDS

METAGENOMICS,  
BIOPROCESSES,  
BIODEGRADATION

## MAIN CONTENTS

Introduction to microbial ecology and its application in the degradation and valorization of polymeric waste. Bioinformatics and metagenomics tools for studying the microbiome in impacted environments. Bioprospecting strategies to identify enzymes capable of degrading plastics. Bioeconomy and sustainable processes in industry.

## COURSE DYNAMICS

It is carried out through lectures with application exercises.

## LANGUAGE

Spanish

## EVALUATION METHODOLOGY

The assessment is conducted in person, based on the defense of a problematic situation to be resolved.

## CONTACT US

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### Topic area

Innovation and  
technology



### Format

Virtual or In-person  
50hs



### Level

Advanced



Certificate of  
Participation and  
Approval

