

DEPARTAMENTO DE INGENIERÍA ELÉCTRICA Y ELECTRÓNICA

NOMBRE DEL CURSO	PROFESOR INVITADO	UNIVERSIDAD
Life Cycle Assessment for Sustainable Engineering and Emerging Technologies	Guido Sonnemann Alissa Kendall	University of Bordeaux University of California

Life Cycle Assessment for Sustainable Engineering and Emerging Technologies

This course will be given jointly by the Department of Electrical and Electronic Engineering and the Department of Civil and Environmental Engineering.

In this course students will understand the concepts of resource efficiency and circular economy, life cycle assessment (LCA) and its three main components, the life cycle of materials and inventory analysis. In addition, students will have an introduction to criticality, toxicity and infrastructure analysis.

The course provides an overview of impact assessment and case studies (EU vs. US), life cycle management for sustainability and other sustainability assessment methods. Finally, students can assess the sustainability of emerging technologies, learn about practical LCA study and software uses.

*Curso dictado en Inglés

Consulta fechas y procesos de inscripción en: www.ingenieria.uniandes.edu.co

 /ingenieriauniandes  @inguniandes