COURSE DETAIL

LIFE CYCLE ASSESSMENT
Country Ireland
Host Institution University College Dublin
Program(s) University College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering
UCEAP Course Number 156
UCEAP Course Suffix
UCEAP Official Title LIFE CYCLE ASSESSMENT
UCEAP Transcript Title LIFE CYCL ASSESSMNT
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course introduces the principles and methods of life cycle thinking and life-cycle assessment (LCA) with specific reference to agriculture, food, and energy systems using attributional LCA. The course is based around the ISO 14040 methodology and ILCD handbook. It focuses on the four common stages of LCA: definition of the Goal and Scope; Life Cycle Inventory Analysis; Life Cycle Impact Assessment, and Interpretation. Case studies consider LCA studies of agriculture, food, and energy systems.

Language(s) of Instruction
English

Host Institution Course Number
BSEN30360

Host Institution Course Title
LIFE CYCLE ASSESSMENT

Host Institution Course Details
https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=BSEN30360

Host Institution Campus
University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering & Architecture

Course Last Reviewed
2024-2025

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