

COURSE DETAIL

FUNDAMENTALS OF SUSTAINABILITY AND CIRCULAR ECONOMY

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Engineering Economics

UCEAP Course Number

119

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTALS OF SUSTAINABILITY AND CIRCULAR ECONOMY

UCEAP Transcript Title

SUST CIRCULAR ECON

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course provides a foundational understanding of sustainability and circular economy principles, enabling critically assessment of environmental challenges and exploring solutions that promote long-term sustainability. The course fosters a systems-thinking approach and encourages responsible decision-making in various professional and everyday contexts by highlighting sustainability's interdisciplinary nature and its relevance across different sectors. Course topics include an introduction to sustainability, Sustainable Development Goals (SDGs), circular economy principles, life cycle thinking and environmental impact, sustainable materials and design strategies, sustainable energy and resource management, and the challenges and implementation of circular economy.

Language(s) of Instruction

English

Host Institution Course Number

MTTA01,TFRE85

Host Institution Course Title

FUNDAMENTALS OF SUSTAINABILITY AND CIRCULAR ECONOMY

Host Institution Course Details

https://kurser.lth.se/lot/course-syllabus/25_26/MTTA01

Host Institution Campus

Lund

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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