

COURSE DETAIL

LIFE CYCLE PERSPECTIVE AND ENVIRONMENTAL IMPACT OF BUILDINGS

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Civil Engineering

UCEAP Course Number

158

UCEAP Course Suffix**UCEAP Official Title**

LIFE CYCLE PERSPECTIVE AND ENVIRONMENTAL IMPACT OF BUILDINGS

UCEAP Transcript Title

LIFE CLE ENV BUILD

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides the knowledge and understanding about how cost and environmental issues affect the choice of design solutions and which measures need a longer-term perspective than others, in order to get back the investment costs or make the building sustainable. This course also provides the knowledge and understanding related to different types of actors' interests (city-owned property owners, private property owners, property developers (build and sell), private homeowners, builders, and manufacturers). Also included are aspects of barriers and possibilities. The course presents methodology and tools for determining life cycle perspective issues like life-cycle costs and environmental certification. This can be used for evaluation, system design and to produce convincing arguments and facts for the client.

Language(s) of Instruction

English

Host Institution Course Number

ABKN05

Host Institution Course Title

LIFE CYCLE PERSPECTIVE AND ENVIRONMENTAL IMPACT OF BUILDINGS

Host Institution Course Details

<https://kurser.lth.se/lot/course/ABKN05>

Host Institution Campus

Lund

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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