COURSE DETAIL

INDUSTRIAL ENVIRONMENTAL MANAGEMENT
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies Civil Engineering Business Administration
UCEAP Course Number 152
UCEAP Course Suffix
UCEAP Official Title INDUSTRIAL ENVIRONMENTAL MANAGEMENT
UCEAP Transcript Title INDUSTRIAL ENV MGMT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Pollution prevention solutions are attractive both to society in general and to industry but require knowledge in the fields of processes, products, and management in modern business organizations. The course explores solutions that use technical as well as managerial tools and methods. The course reviews the key aspects of process integrated environmental protection, including technical strategies to increase efficiency in water- energy- and material flows (exploring methods such as monitoring, maintenance, cleaner technology, process modification, on-site recycling, good housekeeping) and environmental management (including supply chain management and an introduction to current environmental management standards such as ISO 14000). Product related issues constitute a central part of the course looking into life cycle analysis, eco-design, and eco-labeling. The course also takes a wider perspective at industrial development and the engineer's role and responsibility to work with industry to reduce environmental impacts. The course consists of lectures in combination with seminars, exercises, and a major assignment.

Language(s) of Instruction
English

Host Institution Course Number
KIIF01

Host Institution Course Title
INDUSTRIAL ENVIRONMENTAL MANAGEMENT

Host Institution Course Details
https://kurser.lth.se/lot/course-syllabus-en/25_26/KIIF01

Host Institution Campus
Lund

Host Institution Faculty
Engineering

Host Institution Degree
Host Institution Department
Course Last Reviewed 2024-2025

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