



Industrial environmental management 7.5 cr

Industriell miljöledning 7,5 hp

Set by Faculty of Engineering and Sustainable Development

Version

Set at	Valid from
4/20/10	HT2010
5/23/13	HT2013

Level	G1F
Education level	First cycle
Course identifier	IM726B
Credits	7.5 cr
Main field of study	Industrial Economics
Subject group	Industrial Engineering and Management
Disciplinary domain	Technology 100.0 %

Learning outcomes

After the course, the student is expected to

1. be able to identify and discuss some current fields within research on environmental management and environmental auditing
2. show the ability to carry out an environmental investigation in an organisation
3. demonstrate the ability to actively contribute to the process of improvement in an organisation's environmental work and lead the implementation of an environmental management system
4. demonstrate understanding of and expertise on external and internal environmental revisions in organisations
5. have the ability to critically review different environmental activities in an organisation
6. demonstrate the previously mentioned in discussions in the course and in written course assignments

Course content

Guidelines, standards and tools for environmental management and methods and tools for environmental activities and environmental audits
Environmental investigation, environmental aspects and valuation of these, environmental effects, risk analysis and environmental legislation

Requirements of environmental management systems and their implementation
External and internal environmental revisions in organisations, including planning,
implementation and reporting
Environmental performance. Environmental reporting, assessment and approval.

Teaching

The teaching consists of lectures, business case studies or project work in an organisation, seminars, self-study and supervision of the project work. Lectures may be given in English. Research articles written in English may be included in the teaching.

Prerequisites

Environmental Technology or Work Science and Environmental Technology and at least one course in quality management, logistics or industrial organisation or the equivalent skills.

Examination

Written examination and written reports

Grade

A, B, C, D, E, Fx, F

Other regulations

Course certificate is only awarded on completed course and only at the request of the student.

Sustainable environment

The majority of the course content deals with sustainable development..

Module

0030	Written examination	4.5 cr	Grade: AF
0040	Written reports	3 cr	Grade: UG