



MJ2664 Environmental Management II, Advanced Course 6.0 credits

Miljömanagement II, fördjupningskurs

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for MJ2664 valid from Autumn 2007

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

A basic course MJ2663 (3C1380) or MJ2662 or corresponding knowledge in basic environmental management

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The overall aim of the course is to provide theoretical and applied knowledge and understanding of approaches to management of sustainable development and to changes in companies and organisations due to the increased focus on sustainable development. The course will also provide training and skills in the use of different tools used in planning and assessment of environmental and sustainability work of a company.

This means that after the course the student should be able to:

- Describe, explain and compare the management systems for environment, quality and health and safety.
- Identify, analyse and evaluate sustainability aspects and propose indicators for formulation of targets and action plans for the sustainable development of a company
- Evaluate and compare the sustainability reporting of companies of different types and sizes.
- In a group project, design, plan and perform an environmental or sustainability review for a company or organisation or an environmental systems analysis, such as an Environmental Impact Assessment or a Life Cycle Analysis.

Course contents

Motivations and forces driving the implementation and development environmental and sustainability management systems in companies and organisations. Current management systems aiming at implementing and sustaining a systematic, efficient and sustainable operation of a company. Comparison of current management standards for environment, such as EMAS and ISO14001, quality, ISO 9001:2000, health and safety – OSHAS 18001 for developing integrated management systems for sustainability. The course also addresses the tools for sustainability monitoring and planning, such as Environmental and Quality Auditing and Corporate Sustainability Reporting.

Course literature

Wellford R, Corporate Environmental Management, James & James, 2nd rev. ed. 1998
Papers and notes from lectures and Internet

Examination

- ÖVN1 - Exercise, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Project Work, 4.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

In order to receive a passing grade (E) for the course, the reports and presentations of exercises and project must be approved. The final grade is calculated as a weighted average of the grades of the two parts.

Exercises (ÖVN1; 1,5 cr)

Project work (PRO1; 4,5 cr)

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.