



LUND
UNIVERSITY

Faculty of Science

MVEN11, Environmental Science: Methods and Professional Training in Environmental Health Management, 15 credits

*Miljövetenskap: Miljö- och hälsoskyddsarbete - metodik och praktik,
15 högskolepoäng*
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2007-03-01 to be valid from 2007-07-01, autumn semester 2007.

General Information

The course is an elective second cycle component of a degree of Master of Science (120 credits) in environmental and health protection.

Language of instruction: Swedish

Main field of studies

Environmental Science

Environmental Health

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

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Learning outcomes

The aim of the course is that students, on its completion, shall have attained the following knowledge and skills:

- Basic knowledge of the rules that apply to the exercise of public authority at an environmental agency
- Ability to apply and process cases at an environmental agency
- Ability to apply knowledge to exercise environmental protection in accordance with current statutes Ability to implement decisions and apply coercive measures in the area of the environment
- Ability to analyse and apply different methods of environmental monitoring and to know the obligations of an environmental agency with regard to

- environmental monitoring
- Ability to assess and propose statistical methods and calculations as a basis for sampling, supervision and documentation for decisions
- Ability to perform information searches for the exercise of public authority in the area of the environment Ability to communicate and manage conflicts in the exercise of public authority

Course content

The course comprises 15 credits and includes topics such as

- the structure of societies governed by law, the rights and obligations of public authorities and the rights and obligations of citizens and companies.
- the procedures of political bodies such as environmental boards and the different ways of satisfying the formal demands on public agencies.
- exercises to practise the processing of cases (case studies), potentially including inspections, measurements, calculations, document review, legal assessment and search for legal cases, and documentation.
- methodology and theory to exercise detailed supervision, system supervision and environmental review.
- conflict management, right of access and police assistance.
- environmental monitoring and its role in environmental work, how environmental problems are discovered and defined, some known examples from Sweden.
- practical exercises in questionnaire and interview techniques. statistics and statistical processing of results of measurements, surveys and interviews.
- An internship is included in the course.

Course design

The teaching consists of lectures, exercises and internship. Participation in exercises and internship is compulsory.

Assessment

The assessment is based on the reporting of compulsory exercises and of the internship. A written exam may be included. Students who failed the regular exam will be offered a re-sit opportunity shortly thereafter.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

For a Pass on the whole course, students must have passed the exercises and internship report and a possible exam.

Entry requirements

To be admitted to the course, students must have 90 credits from science courses and a basic course in environmental science of 15 credits (MVE101) and 15 credits of environmental law (MVE104, MVE106 or MNX104).

Further information

The course may not be included in a degree together with Environmental and Health Protection, 15 credits, Methodology and Internship (MVE107).

Subcourses in MVEN11, Environmental Science: Methods and Professional Training in Environmental Health Management

Applies from V08

0701 Methods and professional Training in Environmental Health, 15,0 hp
Grading scale: Fail, Pass