



Faculty of Science

## MVEK01, Environmental Science: Degree Project 1, 15 credits

*Miljövetenskap: Examensarbete 1, 15 högskolepoäng*

First Cycle / Grundnivå

---

### 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 first cycle component of a degree of Bachelor of Science in Environmental Science.

*Language of instruction:* Swedish and English

*Main field of studies*

Environmental Science

*Depth of study relative to the degree requirements*

G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

### Learning outcomes

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

Advanced and additional knowledge within one of the environmental science specialisations based on the student's previously completed courses. The student is to receive good insight into the research methodology of environmental science and good practice of independently taking responsibility for the planning, execution, evaluation, compilation and reporting of a research or investigation assignment within environmental science. The course is to provide the student with good training in oral and written presentation and also prepare the student for professional work and research studies in environmental science.

## Course content

The course content is mainly based on an individually completed project that is to be supervised by researchers or the equivalent at Lund University. Supervision can also be provided by an external supervisor at a company or public authority. The degree project can be based on laboratory work, field studies and/or literature studies. The project is to be presented in both speech and writing (Swedish or English). It is to have a clear environmental science profile, i.e. deal with identification, quantification and understanding of the causes of environmental problems and/or proposals of measures to prevent or rectify environmental damage. The subject is mainly based in science but differs from traditional science subjects in including interdisciplinary and applied perspectives. The topic of the project is to be determined by the students, supervisor and examiner in consultation. It is to entail a specialisation of previously completed environmental science studies.

The course deals with experimental design, research methodology, assessment of findings and report writing. It also includes literature studies, seminar activities and, in certain cases, internship or a methods course. The aim of these components is to enable the students to execute an independent degree project adapted to the individual student's environmental science specialisation and the issue addressed in the project.

## Course design

The course is project-oriented, and consists of an individual project to be executed independently by the student in consultation with a supervisor who has experience in the chosen area. The principal supervision takes place either at a research department or at a company or public authority. Special teaching of report writing and other presentation techniques is compulsory.

## Assessment

The presentation is to have the form of a report complemented with an abstract in English and a Swedish popular science summary. In connection with the assessment, the student is to present his or her work orally at a seminar.

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

## Grades

Marking scale: Fail, Pass, Pass with distinction.

The grade on the degree project is determined by the examiner after having consulted an examining committee. The examining committee is to be composed of at least two members: the examiner or a lecturer appointed by the examiner and a lecturer (critical reviewer) from a division other than the one housing the project. The supervisor is not to be a member of the examining committee, but should serve as an advisor to it.

For a Pass on the course as a whole, students must have passed the project report

and participated in all the compulsory components.

The final grade is determined by an aggregate of the assessed components.

## **Entry requirements**

To be admitted to the course, students must have at least 75 credits in environmental science, including Environmental Science: Basic Course, MVE101, Law in Environmental Studies, MVE104, or Environmental Law, MVE106, Industrial Environmental Economics, MVE103 or Governing the Environment, MVE105, Geology: Earth, Water and the Environment, GEL323, or Geoscientific introductory course, GEV321, Chemistry for Environmental Scientists and Biologists, KEM111, or Chemistry: Basic Course 1, KEM101, or Chemistry: Basic Course 2, KEM102, Environmental Physics, FYS249, and Ecology, BIO580, and relevant environmental science specialisation courses.

Specific admission requirements may be introduced if the specialisation of the project demands it.

Equivalent prior knowledge that has been acquired in some other way can also give admission to the course

## **Further information**

The course may not be included in degree together with Environmental Science: Degree Project 1 (MVE 301)

## Subcourses in MVEK01, Environmental Science: Degree Project 1

Applies from H07

0701 Degree Project 1, 15,0 hp  
Grading scale: Fail, Pass, Pass with distinction