Linnæus University

Course syllabus

Faculty Board of Science and Engineering
School of Natural Sciences

OX9611 Miljökunskap, grundkurs, 7,5 högskolepoäng
Environmental studies, introductory course, 7.5 credits

Main field of study
Environmental Science

Subject Group
Environmental Science

Level of classification
First Level

Progression
G1N

Date of Ratification
Approved by Organisational Committee 2009-12-15

The course syllabus is valid from autumn semester 2010

Prerequisites
NO VALUE DEFINED

Expected learning outcomes

After completing the course the students are expected to have acquired basic knowledge about the causes of current
environmental problems, their connections and impact.
The theoretical contents of the course are related to Swedish environmental goals. The students are expected to be able to process their knowledge from a multi-disciplinary and didactic perspective.
In addition, the course is to give the students an insight into different measures that can be taken to reduce environmental
problems.
The increasing understanding and knowledge within the environment field should be translatable into practical action in everyday work in the workplace and during leisure time

Content

The course comprises the following elements:
Environmental problems and their causes, connections and impact

- Environment control in a historical perspective
- Sustainable development as a natural element in everyday life
- Society's environmental work (Swedish and European legislation, international agreements, the Swedish environment

goals, etc.)

- Company environment work (strategic environment work, environment management, technological development, resource effectivization, purification technology, eco-labelling etc.)
- Individual environmental work (individual action for a greater environmental friendliness)
- Project work linked to teaching in the environmental field (background analysis, description of aim, planning, material gathering, criticism of sources, processing and analysing the material, report writing, presentation).

Type of Instruction

The course is a distance course. Before the various sections of the course the course coordinator/teacher will present specified reading instructions, study assignments and presentation models.
In addition to the text book, web-based theory material will also be available, together with a number of web resources.
The assignments are individual and solutions are to be sent to the course coordinator/teacher for assessment. Some
assignments may also be dealt with collectively at group conferences.
The project work can be performed individually or in groups

Examination

The course is assessed with the grades Fail (U) or Pass (G).
On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts.

The assessment of student performances takes the form of presentation of assignments as well as a written presentation of the project work and discussions around the experiences/results obtained during the work.

Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course:MVA910, MV9101

Required Reading and Additional Study Material

Required reading

Brandt, Nils och Gröndal, Fredrik. *Miljöeffekter - kompendium i miljöskydd, del 4.* Kungliga Tekniska Högskolan, 2000. ISBN: 91-630-9297-2