

# Research skills in environmental science

Single subject and programme course

7.5 credits

Tillämpad forskningsmetodik

746G37

Valid from: 2012 Spring semester

**Determined by**

The Quality Board at the Faculty of Arts  
and Sciences

**Date determined**

2012-05-21

## Main field of study

Environmental Science

## Course level

First cycle

## Advancement level

G2F

## Course offered for

- Bachelor´s Programme in Environmental Science

## Entry requirements

For admission to the course, students must have attended the first two years of the Environmental Science Program (or equivalent) at least 105 ECTS and have passed the course "Environmental Science B1" (Miljövetenskap B1) 30 ECTS (or equivalent).

## Intended learning outcomes

After completion of the course, the student should be able to

- apply a specific research method or literature survey technique, and assess strengths and limitations of the chosen method, in relation to relevant examples,
- analyse and discuss the methods or literature survey techniques
- present the main findings of a specific research method or literature survey technique.

## Course content

The aim of the course is to train the students in performing research methods or scientific literature surveys in the fields of environmental science and science for sustainable development.

and to help students deepen their knowledge and skills on a specific qualitative and/or quantitative method or to conduct a scientific literature survey for the purpose of analysing environmental and sustainability issues.

## Teaching and working methods

Individual work on a selected topic to be agreed with the project supervisor, practical exercises, and supervision.

Language of instruction: English

## Examination

The examination consists of two parts. 1. A final, individually produced paper or similar output format to be agreed on together with the project supervisor. The paper should present the main findings from applying the method or from the literature survey of the specific area. 2. An individually produced paper demonstrating awareness of the skills developed and the opportunities and limitations of using the methodology and survey of the literature.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it. If the coordinator has instead recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

## Grades

Three-grade scale, U, G, VG

## Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is carried out in such a way that both men's and women's experience and knowledge is made visible and developed.

## Department

Institutionen för Tema