



LUND
UNIVERSITY

Faculty of Science

NGEK01, Physical Geography and Ecosystem Analysis: Bachelor's Degree Project, 15 credits

*Naturgeografi och ekosystemanalys: Examensarbete för
kandidatexamen, 15 högskolepoäng*

First Cycle / Grundnivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2007-03-01 and was last revised on 2012-12-04. The revised syllabus applies from 2012-12-05, spring semester 2013.

General Information

The course is a compulsory course at first cycle level for a Degree of Bachelor of Science in physical geography and ecosystem analysis. The course is also given as a freestanding course.

Language of instruction: Swedish and English
The course can be given in English.

Main field of studies

Physical Geography

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

On completion of the course, the student is expected to be able to:

- apply and compile knowledge and skills acquired on the courses of the Bachelor's programme in physical geography and ecosystem analysis,
- formulate, analyse, and solve problems in the field of physical geography and ecosystem analysis or its applications,
- evaluate the methods that are studied and/or be developed
- apply scientific methodology

- design and work after a time plan
- document and present the results.

Course content

The thesis is an individual assignment, that is carried out in project form. The student chooses a subject study field in consultation with a supervisor. The subject study field is preferably included in one of the research projects that are carried out at the department. The thesis can also be carried out as a collaborative project with external departments, universities, organisations or companies.

The student should solve a defined and well delimited assignment. Within the frame of the work, problems that are linked to the selected field and aims of the study are processed.

The work includes literature studies and/or collection of data as well as analysis.

Attendance in seminars and guest lectures can constitute compulsory parts.

The thesis includes:

- written report in Swedish or English,
- presentation and defence of the thesis at a public seminar
- critical review and opposition of another degree project at undergraduate level.

The report should be available in a version that admits review at least a week before the seminar. The department should archive the report.

Course design

If the work is carried out together with another student the area of responsibility of each student should be clearly defined and result in an assessment of each student individually.

Assessment

Presentation takes place in the form of a scientific report written in Swedish or English where rules for international publication are applied. The report should be supplemented by a scientific 'abstract' written in Swedish and English as well as a page containing a Swedish abstract directed to a broader target group. The degree project is presented, and is ventilated at a thesis seminar with critical review of fellow student or of a member in the examining committee.

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 grades in the course are passed with distinction, passed and failed. Grades are put by an examining committee of two people who also are present at the oral presentation. The supervisor assist the examining committee but is not included in this.

The grades in the course are passed with distinction, passed and failed. To pass the entire course, approval of both the report and the presentation are required. The final grade is determined by summarising the results of these two parts, where the largest weight is given to the written report.

The final grade is based on the joint results on these parts. To obtain pass with distinction, the work may not exceed the time plan by more than 20%.

Entry requirements

For admission to the course the following courses (or equivalent) are required:

NGEA01 Physical geography, introduction to the environment of the earth, 15 credits,

NGEA04 Ecosystem analysis, 15 credits,

NGEA11 Geographic information systems, basic course, 15 credits,

NGEA03 Remote sensing for landscape studies, 15 credits

NGEA21 The Climate system, 15 credits, (previously NGEA06)

NGEA07 Physical geography- theories and methods, 15 credits,

or the equivalent.

Other courses can after having consulted director of studies/examiner, allow access to the course, depending on the specialisation on the degree project.

Further information

See also the rules and recommendations for degree projects at the faculty of Science (Dnr N2011/130)

Subcourses in NGEK01, Physical Geography and Ecosystem Analysis:
Bachelor's Degree Project

Applies from H07

0701 Bachelor's Degree Project, 15,0 hp
Grading scale: Fail, Pass, Pass with distinction