

## **NGEM01, Physical Geography and Ecosystem Analysis: Master's Degree Project, 30 credits**

*Naturgeografi och ekosystemanalys: Examensarbete för masterexamen, 30  
högskolepoäng*  
Second Cycle / Avancerad nivå

---

### **Details of approval**

The syllabus was approved by Study programmes board, Faculty of Science on 2007-03-01 (N 2007/266). The syllabus comes into effect 2007-07-01 and is valid from the autumn semester 2007.

### **General information**

The course is a compulsory course at second cycle level for a Degree of Master of Science (120 credits) in physical geography and ecosystem analysis. The course is also given as a freestanding course.

#### *Language of instruction:*

The course can be given in English.

#### *Main field of study Specialisation*

Physical Geography	A1F, Second cycle, has second-cycle course/s as entry requirements
-----------------------	--

### **Learning outcomes**

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

- apply and compile knowledge and skills acquired during courses that are part of the Master's (120 credits) programme in physical geography and ecosystem analysis,
- analyse, handle and solve problems in 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 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 comprises laboratory work and/or field surveys and literature studies.

Attendance in seminars and guest lectures can constitute compulsory parts.

The thesis includes:

- a written report in Swedish or English,
- a presentation at a public seminar.

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 or English as well as a page containing an abstract directed to a broader target group. The degree project is presented, and is ventilated at a thesis seminar with critical review of a fellow student or of a member in the examining committee.

## Grades

Grading scale includes the grades: 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.

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.

To obtain pass with distinction, the work may not exceed the time plan by more than

20%.

### **Entry requirements**

For admission to the course, 225 credits of which 45 credits should be constituted by studies at second cycle level in physical geography and ecosystem analysis are required.

### **Further information**

See additional rules and recommendations for degree projects at the faculty of natural sciences.