



LUND UNIVERSITY
Faculty of Science

SYLLABUS

Date
2019-06-04

Reg. Nr.
U 2017/7

Syllabus for: General Physical Geography, NNG003F *Swedish title: Allmän Naturgeografi*

The course syllabus was confirmed by the Faculty board for graduate studies 4 June 2019. The course is in the third cycle and amounts to 4.5 credits

This is a translation of the course syllabus approved in Swedish.

Learning outcomes

The course aims to provide students with basic knowledge about the Earth's structure and dynamics, about processes in the lithosphere, biosphere and atmosphere and how the processes affect different ecosystems and how environmental changes in different scales, natural as well as anthropogenic, affect the different spheres. The course is designed for students without a background in Physical Geography and Ecosystem Science.

On completion of the course, participants shall be able to:

- Give an overview of the earth's structure and division into the lithosphere, the atmosphere and the biosphere,
- Describe basic processes and dynamics in the different spheres,
- Define basic concepts related to the spheres' structure and processes,
- Explain how processes in the different spheres affect ecosystems in different parts of the world,
- Analyze the causal relationship concerning natural and anthropogenic environmental changes in the different spheres.

Course content

Basic structure and function of the lithosphere, the atmosphere and the biosphere (roughly 1/3 of the course is spent on each of the spheres)

Teaching

Seminars. An important part consists of individual literature studies.

Assessment

The examination is based on an exam and on participation in seminars.

Grading scale

Possible grades are pass and fail. To pass the course, the student must participate in all seminars and pass the exam.

Language

The course is given in English.

Entry requirements

Admitted to the PhD education in Geobiosphere science.

Additional information

The course is mandatory for students with specialisation in Physical Geography and Ecosystem Science, NAGBVN01, who don't have a background in Physical geography and Ecosystem Science.