

Syllabus

for course at advanced level

Global Climate and Environmental Change

Globala klimat- och miljöförändringar

15.0 Higher Education

Credits

15.0 ECTS credits

Course code:	GE7063
Valid from:	Autumn 2018
Date of approval:	2013-08-23
Changed:	2018-01-15
Department	Department of Physical Geography
Main field:	Geography
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

This syllabus has been approved by the Board of Science at Stockholm University on 23 August 2013 and revised 22 August 2014 and 15 January 2018.

Prerequisites and special admittance requirements

Admission to the course requires knowledge equivalent to a Bachelor's Degree in any of the major subjects: geography, biology-earth sciences, Earth sciences, environmental sciences, human geography, urban and regional planning, economic history or international relations. Also required is knowledge equivalent to Swedish upper secondary school course English B/English 6.

Course structure

Examination code	Name	Higher Education Credits
DEL1	Causes and Effects of Climate Change	6
DEL2	Climate Change from a Societal Perspective	3
DEL3	Project	6

Course content

a. The course deals with climate change on different time scales, including the underlying natural and anthropogenic causes of climate change, as well as their effects on the environment and society. Great emphasis is placed on analyzing current climate research. International climate policy is discussed.

b. The course consists of the following course units:

1. Causes and Effects of Climate Change 6 credits
2. Climate Change from a Societal Perspective 3 credits
3. Project 6 credits

Learning outcomes

Upon completion of the course, students are expected to be able to:

- describe the processes that govern climate changes at different time scales (Course units 1, 3)
- analyse and discuss reasons behind how societies react on current and expected climate changes (Course unit 2)
- critically assess and interpret the ongoing climate debate and its consequences (Course units 1, 2, 3)

Education

The education consists of lectures, seminars, exercises and project work.

Participation in seminars, exercises, project work and any associated integrated instruction is compulsory. In the event of special circumstances, the examiner may, after consultation with the teacher concerned, grant a student exemption from the obligation to participate in certain compulsory instruction. Instructions are in English.

Forms of examination

a. The course is examined as follows: Knowledge assessment takes the form of:

- Written examination (Course unit 1)
- Oral presentations of seminars (Course unit 2)
- Written and oral presentations of project work (Course unit 3)

Examination is in English.

b. Grades will be set according to a seven-point scale related to the learning objectives of the course:

A = Excellent

B = Very good

C = Good

D = Satisfactory

E = Adequate

Fx = Fail, some additional work required

F = Fail, much additional work required

The course unit 2 will be graded according to a two-point scale: Pass (G) or Fail (U).

c. The grading criteria will be distributed at the beginning of the course.

d. In order to pass the course, students must receive a passing grade on all course units and participate in all mandatory instruction. The final grade on the course is determined by weighting the grades from all course units, where each grade is weighted in relation to the scope of the course unit.

e. Students who receive a failing grade on a regular examination are allowed to retake the examination as long as the course is still provided. The number of examination opportunities is not limited. Other mandatory course elements are equated with examinations. A student who has received a passing grade on an examination may not retake the examination to attain a higher grade. A student who has failed the same examination twice is entitled to have another examiner appointed, unless there are special reasons to the contrary. Such requests should be made to the department board.

The course includes at least two examination opportunities per year when the course is given. At least one examination opportunity will be offered during a year when the course is not given.

f. Students awarded the grade Fx are given the opportunity to improve their grade to E. The examiner decides the supplementary assignments to be performed and the pass mark criteria. The supplementary assignments will take place before the next examination session.

Interim

Students may request that the examination be conducted in accordance with this course plan even after it has ceased to be valid. However, this may not take place more than three times over a two year period after course instruction has ended. Requests must be made to the departmental board. The provision also applies in the case of revisions to the course plan and the revisions of the course literature.

Limitations

The course may not be included in examinations in combination with courses Global Climate Changes (NK3030), Global Climate and Environmental Change (GE7004), Climate and Society (GE4011) or equivalent.

Misc

The course is part of Master's Programme in Globalization, Environment and Social Change but can also be read as a separate course.

Required reading

The course literature is decided by the department board and published on the Department of Physical Geography's website at least two months before the start of the course.