

Syllabus

for course at first level

Tellus I - Physical Geography

Tellus I - Naturgeografi

15.0 Higher Education

Credits

15.0 ECTS credits

Course code:	GE2020
Valid from:	Autumn 2014
Date of approval:	2014-03-10
Department	Department of Physical Geography
Main field:	Earth Sciences
Specialisation:	G1N - First cycle, has only upper-secondary level entry requirements

Decision

This syllabus has been approved by the Board of Science at Stockholm University 10 March 2014 and revised 6 October 2014.

Prerequisites and special admittance requirements

Basic eligibility.

Course structure

Examination code	Name	Higher Education Credits
MOM1	Hydrological Cycle, Mass Movements, Running Water, Oceans	7.5
MOM2	Groundwater, Climate, Landscape, Glaciers and Ice Ages	7.5

Course content

a. The course deals with basic meteorology, climatology, hydrology, glaciology and geomorphology. It also takes up examples of human impact on climate and the environment.

b. The course comprises the following elements:

1. Hydrological Cycle, Mass Movements, Running Water, Oceans and Coasts, Groundwater) 7,5 credits
2. Climate, Arid Landscapes, Glaciers and Ice Ages 7,5 credits

Learning outcomes

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

- Explain basic hydrology, glaciology, geomorphology, meteorology, climatology and landscape development
- Show knowledge and understanding of physical geographical processes in the atmosphere and on the Earth's surface
- Exemplify how humans today affect the environment
- Show specialised knowledge in and understanding of a selected topic in physical geography

Education

Instruction consists of lectures and project work.

Instructions are in English.

Forms of examination

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

- written examination
- written presentation of project work

If the instruction is in English, the examination may also be conducted in English.

b. Grades are assigned according to a seven-point goal-related grading scale:

A = Excellent

B = Very good

C = Good

D = Satisfactory

E = Sufficient

Fx = Fail (more work required before credit can be awarded)

F = Total fail

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

d. To be awarded a pass, the minimum grade E.

e. Students who fail an ordinary examination are entitled to sit additional examinations as long as the course is offered. There is no restriction on the number of examinations. Examinations also include other obligatory elements of the course. Students who have passed an examination may not resit it in order to achieve a higher grade. Students who have failed on two occasions are entitled to request the appointment of a different examiner for the next examination. Any such request must be made to the departmental board.

The course has at least two examinations for each academic year in the years in which instruction is provided. Intervening years include at least one examination.

f. There is no facility to improve the grade Fx to a pass grade in this course.

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 Planet Earth 1, Basic Course (GO1080), Earth Sciences, Basic Course (NG1510), Physical Geography I (GE2007/GE2010/GE2013), Earth I (GG2003) Physical Geography and Quaternary Geology (GE2011), Earth Sciences with Environmental Applications (GE2014), Geography I (GE2001) or equivalent.

Misc

The course is part of Bachelor's Programme in Earth Science, Distance Learning but can also be read as a separate course.

Required reading

Course literature is decided by the departmental board and described thereafter in an appendix to the course plan.