Department of Physical Geography

Stockholm University

Syllabus

for course at first level

Earth Science - Specialisation
Geovetenskap - ämnesfördjupning

15.0 Higher Education Credits
15.0 ECTS credits

Course code:	GE5040
Valid from:	Spring 2022
Date of approval:	2021-06-17
Department	Department of Physical Geography
Main field:	Earth Sciences
Specialisation:	G2F - First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Decision

This course syllabus was approved by the Board of Science at Stockholm University on 17/06/2021.

Prerequisites and special admittance requirements

For admission to the course, knowledge is required equivalent to 120 ECTS credits of completed courses, with at least 90 credits in science subjects, of which 75 credits in Earth sciences.

The number of introductory courses can amount to a maximum of 15 credits.

Course structure

Examination code	Name	Higher Education Credits
DEL1	Theory of Science and History of Science of Earth Science	3
DEL2	Specialisation	6
DEL3	Scientific Presentations and Project Plan	6

Course content

a. The course deals with scientific theory, research methodology and the subject´s scientific development. The course covers scientific writing, scientific illustrations, oral presentation technique and poster presentation. Furthermore, an individually chosen specialisation, including literature search and a written presentation of the work, is part of the course, as well as the production of a project description prior to the thesis work.

b. The course consists of the following course units:
1. Theory of Science and History of Science of Earth Science, 3 credits
2. Specialisation, 6 credits
3. Scientific Presentations and Project Plan, 6 credits

Learning outcomes

Upon completion of the course, students are expected to be able to:
• explain scientific theory and the development of geoscientific History of Ideas (module 1)
• Show ability to critically evaluate scientific questions in the subject (module 2, module 3)
• Present scientific studies to different target groups (module 3)
• Perform and present a literature study based on an individually chosen specialisation (module 2, module 3)
• Plan the implementation of a degree project (module 2, module 3).

Education
Teaching is provided as distance education.

The course is offered in English.

Forms of examination
a. The course is examined in the following manner: Assessment of module 1, module 2, module 3 takes place through written examination.

The examiner can decide on adapted or alternative examination formats for students with disabilities.

The examination will be conducted in English.

b. A passing final grade requires participation in web-based teaching.
If special reasons exist, following consultation with the teacher involved, the examiner may grant the student exemption from the obligation to participate in certain compulsory instruction.

c. Grading: The course's final grade is set according to a seven-point criterion-referenced scale:
A = Excellent
B = Very good
C = Good
D = Satisfactory
E = Adequate
Fx = Failed, some additional work is required
F = Failed, much additional work is required

Grades of module 1, module 2 and module 3 will be set according to a seven-point criterion-referenced scale.

A passing final grade requires passing grades on all included parts.

The final grade of the course is determined by weighing the grades from all course modules, where each grade is weighed in relation to the scope of the course modules.

d. The course's grading criteria are handed out at the start of the course.

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 in the normal case at least three examination opportunities per academic year the course is offered. For the academic years that the course is not offered, at least one examination opportunity is offered

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

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 the course was discontinued. Requests must be made to the departmental board. The provision also applies in the case of revisions of the course syllabus and revisions of the required reading.

Limitations
The course may not be included in examinations in combination with courses Physical Geography and Quaternary Geology - Subject Field Specialisation and Scientific Presentations (GE5018), Scientific Method and Degree Project in Earth Sciences (GE6018), Earth Science - Specialisation (GE5023) 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

The required reading is decided by the department board and published on the course catalog at least 2 months before the start of the course.