

Syllabus

for course at advanced level

**Atmospheric Sciences, Oceanography and Climate, Traineeship
Meteorologi, oceanografi och klimat, praktik**

**7.5 Higher Education
Credits
7.5 ECTS credits**

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|--------------------------|---|
| Course code: | MO7011 |
| Valid from: | Autumn 2009 |
| Date of approval: | 2008-09-01 |
| Department | Department of Meteorology |
| Subject | Earth Science and Physical Geography |
| Specialisation: | A1F - Second cycle, has second-cycle course/s as entry requirements |

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University 2008-09-01.

Prerequisites and special admittance requirements

Knowledge corresponding to a Bachelor's degree and at least 30 HEC advanced level courses in Meteorology, Oceanography and Climate. Also required is knowledge equivalent to English B.

Course structure

| Examination code | Name | Higher Education Credits |
|------------------|---|--------------------------|
| HELA | Atmospheric Sciences, Oceanography and Climate, Traineeship | 7.5 |

Course content

The student participates in supervised practical daily work connected with the subject of studies at a company, agency or other workplace.

Learning outcomes

After taking this course the student should to be able to

- Discuss how the knowledge of atmospheric sciences, oceanography and climate is used at the specific working environment
- Discuss the achieved work experience as well as insight in the organization and activities at the company, agency or other workplace

Education

The teaching consists of an introduction at the university, practical work at a workplace connected with the subject of studies, a written report about the work, and a final oral presentation at the university. The place of work and the supervisor must be approved by the department, and the student must participate in the introduction before the work begins. The work should be described in a plan that must also be approved before the work begins. The introduction and the written and oral reports are compulsory. At the work place the student should participate in the activities at the same extent and during the same hours as other employees. If there are special reasons, the Examiner may allow the student to omit certain parts of the compulsory teaching.

Forms of examination

a) Examination is done by written and oral report on the work. b) Grading is done on

a two-step scale (Pass/Fail). c) The grading criteria are handed out at the beginning of the course. d) For passing the course, all written and oral reports must be done, as well as participation in compulsory teaching. e) Students that do not pass the regular examination have a right to a attempt at least for further examinations as long as the course is given. As "examination" are understood also other compulsory parts of the course. Students that have passed an examination are not allowed to attempt another examination in order to receive a higher grade. Students that have failed an examination twice have a right to demand that another teacher is appointed to determine the grade. The request for this should be directed to the Board of the department.

Interim

Students may demand that the examination is performed according to this syllabus even after it has ceased to be valid. However, this may be done at most three times during the two years after the course was last given. The request for this should be directed to the Board of the department.

Limitations

At most 15 HEC traineeship may be included in the degree.

Misc

The course is a part of the Master's programme in Meteorology, Oceanography and Climate, but may also be taken as an individual course.

Required reading

The literature is based on scientific publications and/or reports in the relevant field obtained by the student by literature search as well as literature provided by the advisor.