

Syllabus

for course at first level

Oceanography, Introductory Course

Oceanografins grunder, orienteringskurs

7.5 Higher Education

Credits

7.5 ECTS credits

Course code:	MO1002
Valid from:	Autumn 2007
Date of approval:	2006-10-18
Department	Department of Meteorology
Subject	Meteorology
Specialisation:	G1N - First cycle, has only upper-secondary level entry requirements

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University.

Prerequisites and special admittance requirements

Basic eligibility.

Course structure

Examination code	Name	Higher Education Credits
1002	Oceanography	7.5

Course content

This course treats briefly: ocean basins development and characteristics, physical properties of seawater, geophysical fluid flows, wind-driven currents, density-driven currents, waves and tides.

Learning outcomes

After completion of this course the student is expected to be able to briefly sketch out: world ocean morphology and elementary chemistry, ocean temperature and salinity, distribution and there significance, ocean circulation and its ties to atmospheric processes, elementary wave and tide dynamics.

Education

The teaching consists of lectures and laboration/demonstration. Participaton in laboration/demonstration and the associated tutorials is compulsory. If there are special reasons, the Examiner may, after consulting the course teacher, allow the student to omit certain parts of the compulsory teaching.

Forms of examination

a) Examination is done by a written and/or oral test. b) Grading is done on a seven-step scale: A=excellent B=Very good C=Good D=Satisfactory E=Sufficient F=Unsatisfactory Fx=Entirely unsatisfactory. c) The grading criteria are handed out at the beginning of the course. d) For passing the course, at least grade E is required and participation in compulsory teaching. e) Students that do not pass the regular test have a right to attempt at least four further tests as long as the course is given. As "tests" are understood also other compulsory parts of the course. Students that have passed a test are not allowed to attempt another test 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 syllabys 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

A Bachelor's exam at the Faculty of Science, Stockholm University, can normally not contain more than 15 hp of orientation courses. Orientation courses can not be included in a Master's exam at the Faculty of Science, Stockholm University. The course may not be included in a degree together with Oceanografins grunder 5p (ME6030), Havet 5p (GO6020) or Havet 7.5hp (GG10005).

Misc

The course is given as an individual course.

Required reading

The course literature is decided by the Board of the department, and is then presented in an attachment to the course syllabus.