

Syllabus

for course at advanced level

Applied Marine Conservation Ecology
Tillämpad marin bevarandekologi

15.0 Higher Education
Credits
15.0 ECTS credits

Course code:	BL8024
Valid from:	Autumn 2007
Date of approval:	2006-09-27
Department	Department of Biology Education
Subject	Biology
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

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

Prerequisites and special admittance requirements

Admittance to the course requires knowledge equivalent to Ecology II 15 credits and Biological Statistics and Scientific Methodology 15 credits. (Three credits corresponds to approximately two weeks full-time studies). Swedish upper secondary school course English B or equivalent or one of the following tests. Cambridge CPE och CAE: Pass. IELTS : 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Course structure

Examination code	Name	Higher Education Credits
8A24	Theory	7.5
8B24	Field Studies	1.5
8C24	Internship	3
8D24	Essay and Seminar	3

Course content

- a. The course covers the following. Marine biotopes and habitats as well as marine population- and community ecology including examples from marine mammals and fish populations from temperate and tropical regions. Information and models used to establish the conservation status of species and populations. Methods to establish the population size and distribution, survival/mortality, genetic and ecological population structure, life-history characteristics and behaviour of marine fishes and mammals. Possible effects on marine mammals and fish populations from human activities.
- b. The course includes the following elements: Theory 7.5 hp, Field Studies 1.5 hp, Internship 3 hp, Essay and Seminar 3 hp

Learning outcomes

It is expected that the student after taking the course will be able to: • explain how to establish the conservation status of marine invertebrate populations and marine ecosystems • identify and manage marine conservation issues • identify theoretical and practical solutions to conservation issues • search, compile, interpret and present scientific information to different stake holders

Education

The education consists of lectures, group work, seminars, field studies, oral and written presentations as well as internship.

Participation in group work, seminars, field studies, oral and written presentations, internship and group education associated with this is compulsory. An examiner may rule that a student is not obliged to participate in certain compulsory education if there are special grounds for this after consultation with the relevant teacher.

Forms of examination

a. Examination for the course is in the following manner: measurement of knowledge takes place through: Written and/or oral examination, seminar and essay.

b. Grading is carried out according to a 7-point scale related to learning objectives:

A = Excellent
B = Very Good
C = Good
D = Satisfactory
E = Sufficient
Fx = Fail
F = Fail

c. Grading criteria for the course will be distributed at the start of the course.

d. A minimum grade of E is required to pass the course, together with:

- approved field studies
- participation in all compulsory education

e. Students who fail to achieve a pass grade in an ordinary examination have the right to take at least further four examinations, as long as the course is given. The term “examination” here is used to denote also other compulsory elements of the course. Students who have achieved a pass grade on an examination may not retake this examination in order to attempt to achieve a higher grade. Students who have failed to reach a pass grade on two occasions have the right to request that a different teacher be appointed to set the grade of the course. A request for such appointment must be sent to the departmental board.

Interim

Students may request that the examination is carried out in accordance with this syllabus even after it has ceased to apply. This right is limited, however, to a maximum of three occasions during a two-year-period after the end of giving the course. A request for such examination must be sent to the departmental board.

Misc

The course includes compulsory elements in the field, which entail certain costs for the student. The course may be a component of the Master's Programme in Biology, and it can also be taken as an individual course.

Required reading

Course literature is decided by the departmental board and is described in an appendix to the syllabus.