

Syllabus

for course at advanced level

Applied Marine Conservation Ecology
Tillämpad marin bevarandekologi

**15.0 Higher Education
Credits**
15.0 ECTS credits

Course code:	BL7040
Valid from:	Spring 2014
Date of approval:	2014-03-10
Department	Department of Biology Education
Main field:	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. (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
8A57	Theory	9
8B57	Internship	3
8C57	Essay and Seminar	3

Course content

- 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.
- The course includes the following elements: Theory 9 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, as well as internship. Participation in group work, seminars, 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 for element 1 takes place through: Written examination and for element 2 and 3 through: Written and oral presentations. If the instruction is in English, the examination may also be conducted in English.

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

Grading of element 2 is carried out according to a 2-point scale: pass or not pass.

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:

- passed element 2
- participation in all compulsory education

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 element) for each academic year in the years in which instruction is provided. Intervening years include at least one examination.

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

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.

Limitations

The course can not be included in a degree together with the course Applied Marine Conservation Ecology 15 hp (BL8024) or the equivalents.

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 Marine 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.