

Syllabus

for course at advanced level

Fish and Fisheries Biology
Fisk- och fiskeribiologi

**15.0 Higher Education
Credits**
15.0 ECTS credits

Course code:	BL7008
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 Cell and Molecular Biology 15 credits, Diversity and Phylogeny of Organisms 15 credits (including experimental animals), Physiology 15 credits (including experimental animals) and Ecology, Floristics and Faunistics 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
7008	Fish and Fisheries Biology	15

Course content

The course covers the organ systems of fish, their physiology, systematics, evolution, ecology, ethology and the Swedish fish fauna. Environmental issues of relevance for fish, fisheries biology and management. Institutions working with fish and fisheries are visited to give students knowledge about work possibilities outside the academia.

Learning outcomes

It is expected that the student after taking the course will be able to: • document knowledge in fish biodiversity, the anatomy and physiology of fish • explain how abiotic, biotic, natural and anthropogenic factors influence fish and fish communities • describe methods used in studies of individual fish and fish populations • understand international agreements and decision processes used in fisheries management

Education

The education consists of lectures, group discussions, submitted work, study visits, field studies, laboratory exercises, project work and opposition of work carried out by others. Participation in group discussions, laboratory exercises, field studies, project work including opposition 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

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 laboratory exercises and group discussions
- approved project work
- 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.

Limitations

The course can not be included in a degree together with the course Fish and Fishery Biology 10p (BI3730)

Misc

The course may include compulsory education in the field, which may entail additional cost for the student.

Required reading

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