



LUND
UNIVERSITY

Faculty of Science

BIOB12, Biology: Faunistics and Floristics, 7.5 credits

Biologi: Faunistik och floristik, 7,5 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2018-08-17 to be valid from 2018-08-17, spring semester 2019.

General Information

The course is a compulsory first-cycle course for a Degree of Bachelor of Science in Biology.

Language of instruction: Swedish

Main field of studies

Biology

Depth of study relative to the degree requirements

G1F, First cycle, has less than 60 credits in first-cycle course/s as entry requirements

Learning outcomes

The overall aim of the course is that student should know and identify common animal and plant species/groups, perform collections in the field and use identification literature.

Knowledge and understanding

On completion of the course the student shall be able to:

- at a general level account for species composition of plants and animals in commonly occurring habitats
- name and recognise important animal groups and species
- describe basic collection techniques for invertebrates
- name and recognise trees and bushes found in southern Sweden
- name and recognise a selection of the most common vascular plants

- describe our most common floral plant families

Competence and skills

On completion of the course the student shall be able to:

- place plants and animals in correct systematic groups (e.g. plant family, insect order) based on diagnostic characteristics
- determine the species of plants and animals by means of identification literature
- collect and identify vascular plants and invertebrate animals in the field

Course content

The course includes one module in faunistics and one module in floristics.

Faunistics, 3.5 credits, include:

- invertebrate identification exercises
- observation, collection and species identification of vertebrates and invertebrate animals in the field
- an overview of common and important animal groups that should be learnt according to a specific protocol

Floristics, 4 credits, which is carried out during the growing season and mainly in the field, include:

- identification exercises with vascular plants and demonstrations of species in their natural environment
- demonstrations of plant adaptations regarding pollination and reproduction, as well as variation within populations and species complexes.
- a general presentation of important biotopes with regard to species composition and conservation aspects

Course design

The teaching consists of lectures, identification exercises and field exercises, which are performed in groups or individually. Participation in exercises, as well as associated parts, is compulsory.

Assessment

Examination of faunistics and floristics takes place during the course in the form of two separate written exams, which both include species knowledge and proficiency test with identification literature. For students who have not passed the regular examination, an additional examination in close connection to the end of the course is offered.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass, Pass with distinction.

For a grade of Pass on the whole course, the student must have passed the written exams and compulsory parts. The final grade is decided through a weighing of the results on the written exams.

Entry requirements

For admission to the course is required 30 credits scientific studies.

Further information

The course may not be included in a degree together with BIOB04 Faunistics, 3 credits, BIOB03 Floristics, 3 credits, or BIOB05 Floristics, 4 credits.

Subcourses in BIOB12, Biology: Faunistics and Floristics

Applies from V19

- 1901 Faunistics, 4,0 hp
Grading scale: Fail, Pass, Pass with distinction
- 1902 Floristics, 3,5 hp
Grading scale: Fail, Pass, Pass with distinction