

Botany: Algae, Fungus and the Biology of Photosynthesis

Programme course

6 credits

Botanik: alger, svampar och fotosyntesens biologi

NBIB48

Valid from: 2017 Spring semester

Determined by

Board of Studies for Chemistry, Biology
and Biotechnology

Date determined

2017-01-25

Main field of study

Biology

Course level

First cycle

Advancement level

G1X

Course offered for

- Biology, Bachelor´s Programme

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites

Botany: Systematics and Function of Plants or equivalent

Intended learning outcomes

After completion of courses Botany 1 and Botany 2 the student have acquired an over all view of structure and function in plants by studies of the structure, systematics, plant evolution and physiology of plants. The courses deal with the classical botanical disciplines.

Course content

This course includes a survey of the most important groups of algae and the Kingdom Fungi. Photosynthesis, growth and development are dealt with. This course includes applied botany in fields such as agriculture, forestry, and gardening.

Teaching and working methods

Lectures, excursions and laboratory work.

Examination

LAB1	Laboratory course	1.5 credits	U, G
TEN1	Written examination	4.5 credits	U, 3, 4, 5

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för fysik, kemi och biologi

Director of Studies or equivalent

Agneta Johansson

Examiner

Kjell Carlsson

Course website and other links

<https://www.ifm.liu.se/edu/biology/>

Education components

Preliminary scheduled hours: 54 h

Recommended self-study hours: 106 h

Course literature

Regularly literature

Books

Evert & Eichhorn, (2013) *Raven Biology of Plants* 8th

Additional literature

Books

Perry, Morton, (1998) *Photo Atlas for Biology*
Or similar.

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.