

# Ethology and Animal Welfare

Programme course

15 credits

Etologi och djurskydd

NBIC40

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

G2X

## Course offered for

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## 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

Knowledge in general biology and zoology, including physiology, corresponding to courses (at least 50 credits) which are included in the first three semester of the bachelor's programme in biology.

## Intended learning outcomes

The course aims at giving an overview of the biology of animal behaviour, with particular emphasis on the physiology and evolution of behaviour and its control mechanisms. After the course, the students will also be well acquainted with scientific methods in animal welfare assessment. The students will also achieve proficiency in conducting experimental ethology work both in evolutionary and welfare related research.

## Course content

Basic ethological concepts, such as the genetical background of behaviour patterns, the governing mechanisms, cognition, sociobiology and eco-ethology, and human ethology. The biology of animal welfare and its relation to animal behaviour. Excursions. In-depth, research related lectures.

## Teaching and working methods

Lectures, seminars, group studies of course literature, laborations, study visits, and writing and presentation of a paper on a relevant theme.

## Examination

UPG1	Written reports	5 credits	U, G
LAB1	Laboratory work	5 credits	U, G
TEN1	Written examination	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

Hanne Lövlie

## Course website and other links

## Education components

Preliminary scheduled hours: 84 h

Recommended self-study hours: 316 h

## Course literature

Alcock: Animal behavior - an evolutionary approach 10th ed. Vetenskapliga artiklar, som utdelas

## 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](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).