Zoology, Morphology and Systematics

Zoomorfologi
6 credits

Programme course

NBIA27

Valid from: 2026 Spring semester

Determined by	**Main field of study**	
Board of Studies for Chemistry, Biology and Biotechnology	Biology	
Date determined	**Course level**	**Progressive specialisation**
2025-08-28	First cycle	G1N
Revised by	**Disciplinary domain**	
	Natural sciences	
Revision date	**Subject group**	
	Biology	
Offered first time	**Offered for the last time**	
Autumn semester 2014		
Department	**Replaced by**	
Institutionen för fysik, kemi och biologi		

Course offered for

- Bachelor's Programme in Biology
- Bachelor's Programme in Animal psychology

Intended learning outcomes

The course intends to provide knowledge about animal diversity, including morphology and systematics for a defined number of animal groups. After the course the student should

- be able to describe and recognize the following animal groups considering both their systematics and functional morphology: cnidaria, annelida, mollusca, arthropoda, echinodermata, and chordata, including vertebrates
- be able to describe different systematic principles and what the classification system of animals is based on
- be able to perform an animal dissection

Course content

The course intends to provide knowledge about animal diversity based on morphology, functions and modern systematics. The diversity of the animal kingdom is exemplified by studies of the following animal groups:
cnidaria, segmented worms, mollusks, arthropods, echinoderms and chordates including vertebrates.

Teaching and working methods

Lectures and laboratory course. The laboratory course is compulsory and requires active participation.

Examination

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

Grades for examination modules are decided in accordance with the assessment criteria presented at the start of the course.

Grades

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

Other information

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is “Swedish”, the course as a whole could be given in Swedish, or partly in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is “English”, the course as a whole is taught in English. Examination language is English.
- If teaching language is “Swedish/English”, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.

Other

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

The planning and implementation of a course should correspond to the course syllabus. The course evaluation should therefore be conducted with the course syllabus as a starting point.

The course is campus-based at the location specified for the course, unless otherwise stated under “Teaching and working methods”. Please note, in a campus-based course occasional remote sessions could be included.