

Zoology, Morphology and Systematics

Zoomorfologi
6 credits

Programme course

NBIA27

Valid from: 2022 Spring semester

Determined by	Main field of study	
Board of Studies for Chemistry, Biology and Biotechnology	Biology	
Date determined	Course level	Progressive specialisation
2021-09-01	First cycle	G1X
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 each student should

- be able to describe the following animal groups considering both systematics and functional morphology: cnidaria, segmented worms, mollusks, arthropods, echinoderms and chordates.
- be able to recognize the above-mentioned animal groups and label them in a correct systematic way
- be able to describe different systematic principles and what the classification system of animals is based on
- be able to discuss basic principles around the question "what is an animal?"
- have the knowledge of how 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

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 a manner where both men's and women's experience and knowledge are made visible and developed.

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.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.