## Module title

### The Animal Kingdom

### Abbreviation

07-1A1T-072-m01

### Module coordinator

holder of the Professorship of Zoology at the Department of Electronmicroscopy

### Module offered by

Faculty of Biology

### ECTS

4

### Method of grading

numerical grade

### Only after succ. compl. of module(s)

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### Duration

1 semester

### Module level

undergraduate

### Admission prerequisite to assessment

Admission prerequisite to assessment: regular attendance of and participation in exercises as well as successful completion of the respective exercises as specified at the beginning of the course.

### Contents

Using the example of animals, students will be introduced to the phylogenetic diversity of eukaryotes. At the level of groups in the animal kingdom, students will acquire the fundamental knowledge necessary to understand the forms and functions of animal organisms, with morphology and cytology being discussed in an evolutionary and ecological context.

### Intended learning outcomes

Familiarity with the concepts of phylogenetic relationships between animals. Familiarity with the distinguishing characteristics and major representatives of groups in the animal kingdom. Ability to select those animal organisms that are most suitable for particular scientific issues. Familiarity with the components and functioning of microscopes. Fundamental skills in the interpretation of macroscopic and histologic preparations by light microscopy. Fundamental preparation skills.

### Courses

- **V + Ü (no information on SWS (weekly contact hours) and course language available)**

### Method of assessment

- **written examination (approx. 60 minutes)**

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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### Module appears in

- Bachelor' degree (1 major) Mathematics (2008)
- Bachelor' degree (1 major) Mathematics (2007)
- Bachelor' degree (1 major) Computational Mathematics (2009)