Module title			Abbreviation
Advanced Biology - Zoology (RS)			07-RS-FBW-Z-262-m01
Module coordinator		**Module offered by**	
Dean of Studies Biologie (Biology)		Faculty of Biology	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
6	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	Admission prerequisite to assessment: exercises; Admission to the examination (NUM) is not automatic upon registration. The prerequisite for admission to the examination is regular attendance at the exercises (at least 80% attendance) and passing the exercises set there, which amount to approximately 25-30 hours (B/NB).	

Contents

Students may complete the practical course *Schwerpunkt-Praktikum* either in zoology or in botany. The course will build on the knowledge and skills students have acquired in previous courses and will revisit selected aspects. Students will perform experiments to explore these aspects in more detail. The seminar will address classical and current topics in biology with students delivering presentations and discussing the respective topics.

Intended learning outcomes

Students completing the practical course in zoology will have become familiar with the circulatory system of different classes of vertebrates as well as with the internal structures of the organs of a range of vertebrates. In addition, they will know how to address problems in behavioural biology. Students completing the practical course in botany will become familiar with plant molecular physiology. They will learn how to investigate problems related to the development and adaptation of plants in/to different environmental conditions, using methods in molecular biology, cell biology and biophysics. In addition, students will become familiar with the challenges biotic and abiotic environmental factors pose to plants as well as with mechanisms for overcoming these. Students will be introduced to current topics in biology and will learn how to use research literature. They will be able to extract key facts from a scientific text and to present these in a comprehensible way.

Courses (type, number of weekly contact hours, language — if other than German)

Ü (5) + S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)
creditable for bonus

Allocation of places

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Additional information

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Workload

180 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 41 I Nr. 2

Module appears in

keinem Studiengang zugeordnet

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