

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Biology as vertieft studiertes Fach (studied with a focus on the scientific discipline) with the degree "Erste Staatsprüfung für das Lehramt an Gymnasien"

Responsible: Faculty of Biology

Examination regulations version: 2015

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V**

= lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: NUM = numerical grade, B/NB = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB**

= list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB:

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures:

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

LASP02015

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

20-Oct-2015 (2015-194)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	Module title	Module title											
	ECTS		Duration	(in semesters)	Method of grading		Module level						
	Courses		To be spe	be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y									
	Method of as	ssessm	ent										
	Only after su completion of		ıl if applica	fapplicable									
	Other prereq	uisites	if applica	if applicable									
	Participants on of places		ocati- if applica	if applicable									
	Additional in	format	ion if applica	ble									
	Referred to in	n LPO I	if applica	if applicable (examination regulations for teaching-degree programmes)									

Scientific Disciplin	e (92 ECTS cred	its)									
Compulsory Course	es (80 ECTS cre	dits)									
07-LA-BIO1-ZE-152-	Structure and	Function	of Cells	Cells							
mo1	ECTS 4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (2) +	- Ü (3)			,				
	Method of ass	essment		n examination (appr able for bonus	ox. 60 minutes)						
	Referred to in	LPO I	of Wü	41 Nr. 1 (3 ECTS credits) and § 41 Nr. 3 (1 ECTS credits) (The major part of exercises in the field of Biology at the Univ Würzburg is of practical typ and correspond to to the lab courses given in LPO I.) 61 Nr. 1 (3 ECTS credits) and § 61 Nr. 3 (1 ECTS credits)							
07-LA-BIO1-PF-152-	Plant Kingdon	1					,				
mo1	ECTS 4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (1.5)	+ Ü (2.5)			•				
	Method of ass	essment		tten examination (approx. 60 minutes) ditable for bonus							
	Referred to in LPO I			41 Nr. 1 61 Nr. 1							
07-LA-1A1TI-152-	Evolution and the Animal Kingdom										
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (2) +	- Ü (3)							
	Method of assessment			written examination (approx. 60 minutes) creditable for bonus							
	Referred to in	LPO I	§ 41 l § 61 l	§ 41 Nr. 1 (4 ECTS credits) § 41 Nr. 4 (1 ECTS credits) § 61 Nr. 1 (4 ECTS credits) § 61 Nr. 4 (1 ECTS credits)							
07-LA-2A2PHY-	Physiology of	Prokaryo	tes	•	1		'				
PR-152-mo1	ECTS 4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (1) +	Ü (2)							
	Method of ass	essment		written examination (approx. 60 minutes) creditable for bonus							
	Referred to in	LPO I	§ 61 l	Nr. 3			,				
07-	Plant Physiolo	gy					,				
LA-2A2PHYPF-152-	ECTS 4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
mo1	Courses		V (1) +	Ü (2)							
	Method of ass	essment		written examination (approx. 60 minutes) creditable for bonus							
	Referred to in	LPO I	§ 61 l Nr. 2								
I A Gymnasien Biology (2	015)	"				IMII Wiirzhurg • generated	18-Anr-2025 • exam. reg. data i	record 5 026 - - H 2015 nage 3 / 12			

07-LA-2A2PHY-	Animal Physiology										
TI-152-m01	ECTS 4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (1) +	· Ü (2)							
	Method of a	assessment		written examination (approx. 60 minutes) creditable for bonus							
	Referred to	in LPO I		§ 41 Nr. 2 § 61 Nr. 2							
07-LA-2A2GEN-	Genetics, Neurobiology, Behaviour										
V-152-mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (3) -	+ Ü (2.5)							
	Method of a	assessment		n examination (appable for bonus	orox. 60 to 90 minutes	5)					
	Referred to	in LPO I	§ 61 l	61 Nr. 2 (1 ECTS credits) 61 Nr. 3 (2 ECTS credits) 61 Nr. 4 (2 ECTS credits)							
07-3A3OE-	Plant and A	nimal Ecolog	37								
KO-152-m01	ECTS 6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (2) -	⊦ Ü (2)	'		'	·			
	Method of a	assessment		n examination (appable for bonus	orox. 90 minutes)						
	Referred to	in LPO I	§ 61 l	§ 61 Nr. 4							
07-3A3G-	Genes, Mol	ecules, Tech	Technologies								
MOT-152-mo1	ECTS 6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (4)		,		·				
	Method of a	assessment	writte credit	n examination (appable for bonus	orox. 90 minutes)						
	Referred to	in LPO I	§ 61 l	Nr. 1							
07-LA-FLO-	The Flora of	f Germany									
RA-152-mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		E (2.5)) + V (1) + Ü (2)			'	·			
	Method of a	assessment	Asses	written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes) Assessment offered: Once a year, summer semester creditable for bonus							
	other prered	quisites	Admis	ssion prerequisite t	o assessment: regula	r attendance of field	trips (minimum 80%).				
	Referred to in LPO I		§ 41 Nr. 1 (3 ECTS credits) and § 41 Nr. 4 (2 ECTS credits) § 61 Nr. 1 (3 ECTS credits) and § 61 Nr. 4 (2 ECTS credits)								

The Fauna of Germany											
ECTS	5	Duration	n 1 seme	ster	Method of grading nume	rical grade	Modul level	undergraduate			
Courses	;		V (1) + Ü (2) +	$+ \ddot{U}(2) + E(2.5)$							
Method	of ass	essment			approx. 45 minutes) and practio	cal identificatio	n assignment (approx. 4	5 minutes)			
other pr	erequi	sites	Admission pre	requisi	te to assessment: regular atten	dance of field t	rips (minimum 80%).				
Referred	d to in I	LPO I	§ 61 Nr. 1 (3	61 Nr. 1 (3 ECTS credits) and § 61 Nr. 4 (2 ECTS credits), 41 Nr. 1 (3 ECTS credits) and § 41 Nr. 4 (2 ECTS credits)							
Researc	h Metl	hods in Bi	ology								
ECTS	5	Duration		ster	Method of grading (not)	successfully co	mpleted Modul level	undergraduate			
Courses	5		S (3)								
			b) log (approx c) oral examin d) oral examir e) presentatio f) practical examaximum of 4 g) term paper h) project (app i) portfolio. Students will creditable for	ation of ation of ation in (appromination). hours) (approxorox. 10	eo pages) or fone candidate each (approx. 3 in groups of up to 3 candidates (ox. 20 to 30 minutes) or on (on average approx. 2 hours; or (a. 10 to 30 pages) or to 30 pages) or	o minutes) or approx. 20 min	ete will vary according to				
· ·											
		_		2+24	Mathad of avading huma	rical arada	Madullaval	und avera dueta			
	<u> </u>	Duration		ster	Method of grading nume	ricai grade	Modul level	undergraduate			
			b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours) or g) term paper (approx. 10 to 30 pages) or h) project (approx. 10 to 30 pages) or i) portfolio. Students will be informed about the method and length of the assessment prior to the course. creditable for bonus								
	Courses Method other pr Referred Researd ECTS Courses Method Referred Researd ECTS Courses Method	ECTS 5 Courses Method of ass other prerequi Referred to in Research Method of ass Method of ass Method of ass Method of ass Referred to in Research-orie ECTS 7 Courses Method of ass	ECTS 5 Duration Courses Method of assessment other prerequisites Referred to in LPO I Research Methods in Bi ECTS 5 Duration Courses Method of assessment Referred to in LPO I Research-oriented work ECTS 7 Duration Courses	ECTS 5 Duration 1 semestred to in LPO I \$ 61 I Nr. 1 (3 E Parameter Presentation 1 semestred to in LPO I \$ 61 I Nr. 1 (3 E Parameter Presentation 1 semestred to in LPO I \$ 61 I Nr. 1 (3 E Parameter Presentation 1 semestred to in LPO I \$ 61 I Nr. 1 (3 E Parameter Presentation 1 semestred 1 seme	ECTS 5 Duration 1 semester Courses V (1) + Ü (2) + E (2.5) Method of assessment written examination (creditable for bonus Other prerequisites Admission prerequisi Referred to in LPO I § 61 I Nr. 1 (3 ECTS creditable for bonus Research Methods in Biology ECTS 5 Duration 1 semester Courses S (3) Method of assessment a) written examination of the discrete deprecent of the presentation (approximate) for project (approximate) for project (approximate) for creditable for bonus Referred to in LPO I § 61 I Nr. 7 Research-oriented working in Biology ECTS 7 Duration 1 semester Courses Ü (4) Method of assessment b) log (approximation of the discrete	ECTS 5 Duration 1 semester Method of grading numer	ECTS 5 Duration 1 semester Method of grading numerical grade	Courses			

o7-LA-HU-	Basic Human Biology I - GY											
BIO-1-152-m01	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		V (3)									
	Method of ass	sessment			orox. 60 to 90 minutes)							
				able for bonus		,						
	Referred to in		§ 61 l	Nr. 5								
07-LA-HU-		Basic Human Biology II										
BIO-2-152-m01	ECTS 5	Duratio		1 semester Method of grading (not) successfully completed Modul level undergraduate								
	Courses		Ü (3)									
	Method of ass	sessment		ogs (approx. 30 hours) and 10 to 15 drawings creditable for bonus								
	Modules succ completed	essfully	o7-LA	7-LA-HUBIO-1 or 07-GMR-HUBIO-1								
	Referred to in	LPO I	§ 41 l § 61 l	Nr. 5 Nr. 5								
o7-GY-MI-	Advanced Mic	robiology	- GY									
BI-152-mo1	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		Ü (3)				_					
	Method of ass	sessment		n examination (app able for bonus	prox. 60 minutes)							
	other prerequ	isites		Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.								
	Referred to in	LPO I	§ 61 l	Nr. 3		,						
Compulsory Electi	ves (12 ECTS cre	edits)										
(4 ECTS credits)												
o7-LA-3A3EBIO-	Developmenta	al Biology	of Anin	nals								
Tl-152-m01	ECTS 4	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		V (1) +									
	Method of ass	sessment		n examination (appable for bonus	prox. 60 minutes)							
	Referred to in	LPO I	§ 61 l	Nr. 6								
07-LA-3A3E-	Developmenta	al Biology	of Plan	its								
BIOPF-152-mo1	ECTS 4	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		V (1) +	· Ü (3)								
	Method of ass	sessment	written examination (approx. 60 minutes) creditable for bonus									
	Referred to in	LPO I	§ 61 l	Nr. 6								
	•		•									

(8 ECTS credits)												
07-GY-FBW-B-152-	Advan	ced Biolo	ogy - Bota	any								
mo1	ECTS	8	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	es		Ü (5)	+ S (2)							
	Metho	d of asse	essment		written examination (approx. 60 minutes) creditable for bonus							
	Referred to in LPO I		§ 61 l	§ 61 Nr. 6								
07-GY-FBW-Z-152-	Advan	ced Biol	ogy - Zoo	logy								
mo1	ECTS 8 Duratio			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	es		Ü (5)	I (5) + S (2)							
	Metho	d of asse	essment		ritten examination (approx. 60 minutes) reditable for bonus							
	Referre	ed to in L	PO I	§ 61 l	Nr. 6							
Teaching (10 ECTS	credits)											
Compulsory Course	es (10 E0	CTS cred	its)									
07-GY-FD-	Didact	ics in Bi	ology I: B	asics								
BIO-1-152-m01	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	es		V (2)	+ S (3)							
	Metho	d of asse	essment		n examination (app able for bonus	rox. 60 minutes)			-			
	Referre	ed to in L	PO I	§ 61 l	Nr. 8							
07-GY-FD-	Didact	ics Biolo	gy II: Spe	ecial D	idactics							
BIO-2-152-m01			Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		S (2) + S (2)									
	Metho	d of asse	essment	portfolio (approx. 30 hours) creditable for bonus								
	Referre	ed to in L	PO I	§ 61 l	Nr. 8							

Paper (4 ECTS credits)
Students studying for a teaching degree Gymnasium must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdidaktisches Praktikum) which refers to one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Section 34 Subsection 1 No. 4 LPO I (examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. The ECTS credits obtained are counted in the subject Erziehungswissenschaften pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulations for teaching-degree programms).

,	Practical Training in Didactics and Teaching Methodology and accompanying tutorial in Biology (Gymnasium)										
SP-152-m01	ECTS	4	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Course	S	-	S (2) -	- P (4)						
Method of assessment term paper (15 to 20 pages) Participation in mandatory teaching practice, completion of all set tasks as specified by the placement s creditable for bonus								placement school.			
	Referre	d to in L	PO I	§ 34 I	S. 1 Nr. 4						

Freier Bereich (general as well as subject-specific electives)

Teaching degree students must take modules worth a total of 15 ECTS credits in the area Freier Bereich (general as well as subject-specific electives) (Section 9 LASPO (general academic and examination regulations for teaching-degree programmes)). To achieve the required number of ECTS credits, students may take any modules from the areas below.

Freier Bereich -- interdisciplinary: The interdisciplinary additional offer for a teaching degree can be found in the respective Annex "Ergänzende Bestimmungen für den "Freien Bereich" im Rahmen des Studiums für ein Lehramt".

Biology

(Freier Bereich (general as well as subject-specific electives) -- subject specific)

(Trefer Derefer (ger	iciai as v	veii as s	subject-sp	Jecine	electives) subject	specific)					
07-GY-FBW-B-152-	Advanc	ed Biol	ogy - Bota	any							
mo1	ECTS	8	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Courses	S		Ü (5) -	+ S (2)						
	Method	d of asse	essment		written examination (approx. 60 minutes) creditable for bonus						
	Referre	d to in L	PO I	§ 61 l	§ 61 Nr. 6						
07-GY-FBW-Z-152-	Advanc	ed Biol	ogy - Zoo	logy			'				
mo1	ECTS 8 Duration			1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Courses	S		Ü (5) -	Ü (5) + S (2)						
	Method of assessment				n examination (app able for bonus	rox. 60 minutes)					
	Referre	Referred to in LPO I		§ 61 l	Nr. 6						
07-SQF-TFB3-152-	Superv	ising Tu	itorial for	Basic Courses 3							
mo1	ECTS	3	Duration	1	1 semester	Method of grading (not) successfully completed	Modul level	undergraduate			
	Courses	S		T (o)							
	Method	d of asse	essment	Proof of tutoring activities and report (approx. 2 to 3 pages) creditable for bonus							
07-SQF-TFB4-152-	Superv	ising Tu	itorial for	Basic	Courses 4		'				
mo1	ECTS	4	Duration	า	1 semester	Method of grading (not) successfully completed	Modul level	undergraduate			
	Courses	S	-	T (o)							
	Method of assessment		Proof of tutoring activities and report (approx. 2 to 3 pages) creditable for bonus								

07-SQF-TFB5-152-	Superv	ising Tu	torial for	Basic	Courses 5							
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course			T (o)								
	Method	l of asse	essment	Proof of tutoring activities and report (approx. 2 to 3 pages) creditable for bonus								
07-SQF-TSB2-152-	Superv	ising Tu	torial for	Biolog	Biology 2							
mo1	ECTS 2 Duratio			1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Courses		T (o)	「(o)								
					Proof of tutoring activities and report (approx. 2 to 3 pages) creditable for bonus							
07-SQF-TSB3-152-	Superv	ising Tu	torial for	Biolog	SY 3							
mo1	ECTS	3	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	S		T (o)								
	Method	l of asse	essment	Proof credit	of tutoring activities able for bonus	and report (approx.	2 to 3 pages)					
07-LA-ZQN2-152-	Additio	nal Qua	lification	MINT	2							
mo1	ECTS	2	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		S (2)								
	Method of assessment		written examination (approx. 60 minutes) creditable for bonus									
07-LA-ZQN3-152-	Additio	onal Qualification MINT 3										
mo1	ECTS	3	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		S (3)								
	Method	l of asse	essment		n examination (appr able for bonus	ox. 60 minutes)						
07-LA-ZQN4-152-	Additio	nal Qua	lification	MINT	4							
mo1	ECTS	4	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		S (4)								
	Method	l of asse	essment		n examination (appr able for bonus	ox. 60 minutes)						
07-LA-ZQN5-152-	Additio	nal Qua	lification	MINT 5								
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	5		S (4)	-							
	Method	Method of assessment		written examination (approx. 60 minutes) creditable for bonus								

07-LA-ZQN6-152-	Additional Qualification MINT 6											
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	S		S (4)								
	Method	d of ass	essment		written examination (approx. 60 minutes) creditable for bonus							
· C · MEED ·	F1	d D	1	ental Biology of Marine Organisms								
07-4S1MEER-152- mo1					7		AA 1 - 1 1	Lundaninada aka				
11101		5	Duratio		1 semester Method of grading numerical grade Modul level undergraduate							
	Course		occmont	` ''	Ü (4) + E (2) + S (2) Log (approx. 10 to 20 pages)							
	Method	1 01 dSS	essineiit		table for bonus	es)						
	Particip cation o		nd allo- es	Stude Shou chelo locate degree cation availa quota tion f same A wai Select ment For the de of sics), ly, accordical calculus Amor Select number ECTS applices):	Id the number of appents of the Bachelor' ld the module be user's degree subject Bed to students of the estable in one quota executions and there be, wor the courses of one procedure. It is purpose, applicant all assessments take Mathematik (Mathematik (Mathematik (Mathematik as the sum of the gapplicants with the tion process group a per of ECTS credits all credits achieved, placant; among applicant; among applicant; cant; Should the new all the new applicant; Should the new applicant; Should the new applicant; Should the new are applicant; Should the new are applicant; Should the new applicant of ECTS credits all credits achieved, placant; Among applicant the new applicant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved, placant; Should the new applicant of ECTS credits all credits achieved of ECTS credits all credits all credits achieved of ECTS credits all credits all credits achieved of ECTS credits achieved of ECTS credits achieved of ECTS credits ac	s degree subject Biologied in other subjects, sologie (Biology) with a Bachelor's degree subtional Mathematics a sology (as well as potoceed the number of a within one module, see module. In this case tained and places resulted and places will professional modules in tematics) at the time of age grade weighted a ber of ECTS credits act these two rankings, are same ranking, place (5%): Places will be cready achieved in modules with the same number of the same and the same number of the same acces will be allocated ants with the same number of the same acces with the same number of the same of the sam	there will be two quotas: 95% 180 ECTS credits and 5% of plubject Biologie (Biology) with each of the matter of th	redits will be give of places will be laces (a minimu laces (a minimu laces (a minimu laces (a minimu laces will be alloces will be alloces will be alloces will be applicant of the applicants cording to this to the qualitative owing quotas: (a); among applices): number of saces will be alloces of places of places will be alloces of places of plac	ven preferential consideration. e allocated to students of the Ba- m of one place in total) will be al- and to students of the Bachelor's e ECTS credits, as part of the appli- cts). Should the number of places cated to applicants from the other res, there will be a uniform regula- oncerned will be allocated in the ets' previous academic achieve- re achieved and their average gra- emie (Chemistry), Physik (Phy- st, applicants will be ranked, first- tative ranking) and, secondly, ac- ' position in a third ranking will be hird ranking. re ranking or otherwise by lot.			

07-LA-EX-	Excurs	ion on Z	oology or	Botan	y I								
KURS1-152-m01	ECTS	2	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate				
	Course	!S		Ü (2)									
	Method	d of asse				prox. 45 to 90 minut							
						e candidate each (30	to 60 minutes) or						
				d) por	n paper (approx. 10	to 30 pages) or							
						about the method ar	nd length of the assessment p	rior to the cours	se.				
				0.04.6	creditable for bonus								
o7-LA-EX-		ion on Z	oology or		y II								
KURS2-152-m01	ECTS	4	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate				
	Course	_		Ü (4)									
	Method	d of asse	essment			prox. 45 to 90 minut							
						e candidate each (30	to 60 minutes) or						
					c) term paper (approx. 10 to 30 pages) or d) portfolio								
					Students will be informed about the method and length of the assessment prior to the course. creditable for bonus								
07-LA-FB-ASL-152- mo1	Extracurricular Places of Learning in Biology												
	ECTS	5	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate				
	Course			S (2) + S (2)									
	Method	d of asse	essment	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (30 to 60 minutes) or									
					n paper (approx. 10		to oo iiiiidtes) oi						
				d) por	tfolio								
					nts will be informed able for bonus	about the method a	nd length of the assessment p	rior to the cours	e.				
07-LA-FB-KO-152-	Skills (Oriontat	ed Learnii										
07-LA-1 B-KO-152-		5	Duration		1 semester	Mothod of grading	(not) successfully completed	Modul level	undergraduate				
	Course		J			Method of grading	(not) successfully completed	Modulitevel	undergraduate				
				S (2) + S (2) a) written examination (approx. 45 to 90 minutes) or									
	Method	u oi asse				e candidate each (30							
				c) term paper (approx. 10 to 30 pages) or d) portfolio									
				Students will be informed about the method and length of the assessment prior to the course.									
				creditable for bonus									

07-LA-FB-EL-152-	Habitats of Germany												
mo1					<u>.</u>	[a a a]	() ()	. [
11101	ECTS	5	Duratio		2 semester Method of grading (not) successfully completed Modul level undergraduate								
	Course	es		Ü (3)	_								
	Metho	d of ass	essment	a) wri) written examination (approx. 45 to 90 minutes) or								
					oral examination of one candidate each (30 to 60 minutes) or								
					term paper (approx. 10 to 30 pages) or								
) portfolio								
					tudents will be informed about the method and length of the assessment prior to the course.								
		1			able for bonus								
		ed to in L		§ 36 I	· · · · · · · · · · · · · · · · · · ·			,					
07-LA-FB-VFD-152-	Advan	ced Dida	ctics in E	Biology									
mo1	ECTS 4 Duration		n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate					
	Course	es		S (2)	,								
	Metho	d of ass	essment		a) written examination (approx. 45 to 90 minutes) or								
					b) oral examination of one candidate each (30 to 60 minutes) or c) term paper (approx. 10 to 30 pages) or								
				d) poi		to 30 pages) of							
						I about the method as	nd length of the assessment	prior to the cours	se.				
					able for bonus		ina tenigan er tine desessiment						
Paper (10 ECTS cree	dits)												
		usarbeit	(thesis)	in acco	rdance with the pro	visions of Section 29	LPO I (examination regulation	ns for teaching-d	egree programmes) is a prerequi-				
									f Section 29 LPO I, students study-				
									d with a focus on the scientific dis-				
cipline) or in the su terdisciplinary thes	e) or in the subject Erziehungswissenschaften (Educational Science). Pursuant to Section 29 Subsection 1 Sentence 2 LPO I, students may also choose to write an in												
07-GY-HA-152-m01	Thesis	in Biolo	gy (Gymi	nasium)								

Method of grading numerical grade

ECTS

Courses

10

Duration

Method of assessment | written thesis (30 to 50 pages)

1 semester

No courses assigned to module

Modul level

undergraduate