



Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Biology as Unterrichtsfach with the degree "Erste Staatsprüfung für das Lehramt an Hauptschulen"

Responsible: Faculty of Biology

Examination regulations version: 2009

Abbreviations used:	Course types: E = field trip, K = colloquium, O = conversatorium, P = placement/lab course, R = project, S = seminar, T = tutorial, Ü = exercise, = 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 cre- ditable 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 me- thod 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:

LASPO2009

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

07-Aug-2012 (2012-87)

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		Durati	ion	(in semesters)	Method of grading		Module level					
	Courses			To be spe	ecified in the form X	(y) with course type 2	X abbreviated as specified abo	ove and number of we	ekly contact hours y				
	Method of as	Method of assessment											
	Only after su completion of	iccessf of	ūl	if applica	ble								
	Other prereq	juisites	5	if applicable									
	Participants and allocation of places			if applica	ble								
	Additional in	nformat	tion	if applica	ble								
	Referred to in	n LPO I		if applica	ble (examination re	gulations for teachin	g-degree programmes)						

Scientific Disciplin	cientific Discipline (54 ECTS credits)												
Compulsory Course	es (54 E	CTS crea	lits)										
07-LA-BI01-092-	Basics	s of Biolo	ogy - Cyto	ogy and Anatomy	gy and Anatomy								
m01	ECTS	11	Duratior	1 semester		Method of grading	numerical gra	ade	Modul level	undergraduate			
	Course	es ed of acc	occmont	This module comp • 07-LA-BIO1- • 07-LA-BIO1- • 07-LA-BIO1- • 07-LA-BIO1-	 his module comprises 3 module components. Information on courses will be listed separately for each module component. o7-LA-BIO1-1-121: V + Ü (no information on SWS (weekly contact hours) and course language available) o7-LA-BIO1-2-121: V + Ü (no information on SWS (weekly contact hours) and course language available) o7-LA-BIO1-3-121: V + Ü (no information on SWS (weekly contact hours) and course language available) o7-LA-BIO1-3-121: V + Ü (no information on SWS (weekly contact hours) and course language available) 								
	Method of assessment		essment	Assessment in this stated otherwise, s Assessment in moo of Cells (Lecture, P • 3 ECTS, Meti • written exan • Other prerect ses (weekly reason; forth ses (require admission p Assessment in moo tice) • 4 ECTS, Met • written exan • Other prerect ses (weekly reason; forth ses (require admission p Assessment in moo Practice) • 4 ECTS, Met • written exan • Other prerect ses (weekly reason; forth ses (weekly reason; forth ses (weekly reason; forth ses (weekly reason; forth ses (weekly reason; forth ses (require	modul uccess lule con actice) nod of g inatior uisites course ightly of hinatior uisites course ightly of hinatior uisites course ightly of hinatior uisites course ightly of hinatior uisites course ightly of hinatior uisites course ightly of hinatior uisites course ightly of hinatior uisites course	e comprises the assiful completion of the mponent o7-LA-BIO1 grading: numerical g n (30 to 60 minutes) s: Admission prereques: a maximum of on courses: one incider entage as specified a isite to assessment. mponent o7-LA-BIO1 grading: numerical g n (30 to 60 minutes) s: Admission prereques: a maximum of on courses: one incider entage as specified a isite to assessment. mponent o7-LA-BIO1 grading: numerical g n (approx. 30 to 60 m s: Admission prereques: a maximum of on courses: one incider entage as specified a siste to assessment. mponent o7-LA-BIO1	essments in the module will r -1-121: Structur rade isite to assesse e incident of unexcused t of unexcused t the beginnin -2-121: The Play rade isite to assesse e incident of unexcused t the beginnin -3-121: The Arr rade ninutes) isite to assesse e incident of unexcused t of unexcuse	e individual mod equire successful are and Function of sment: regular att anexcused absen d absence) and so g of the course). ant Kingdom (Leco sment: regular att anexcused absen d absence) and so g of the course). himal Kindom (Leco sment: regular att anexcused absen d absence) and so g of the course).	ule component l completion of of Cells (Lecture endance of exe ce and one exe uccessful comp The preparatio ture, Practice) T endance of exe ce and one exe uccessful comp The preparatio cture, Practice) endance of exe ce and one exe uccessful comp The preparatio	s as specified below. Unless all individual assessments. e, Practice) Structure and Function ercises, seminars and lab cour- cused absence for a legitimate oletion of the respective exerci- n of logs (10 to 15 pages) is an The Plant Kingdom (Lecture, Prac- cused absence for a legitimate oletion of the respective exerci- n of logs (10 to 15 pages) is an The Animal Kindom (Lecture, ercises, seminars and lab cour- cused absence for a legitimate oletion of the respective exerci- n of logs (10 to 15 pages) is an The Animal Kindom (Lecture, ercises, seminars and lab cour- cused absence for a legitimate oletion of the respective exerci- n of logs (10 to 15 pages) is an			
				admission p	rerequi	isite to assessment.	1						
	other	prerequi	SITES	By way of exception	n, addit	tional prerequisites a	are listed in th	e section on asse	ssments.	i a ura ni li			
	Referr	ea to in l		 § 41 (1) 1. Biologie § 41 (1) 2. "Physiole § 61 (1) 1. Biologie 	Zytolo ogie de 'Zytolo	gie, Anatomie, Forme r Pflanzen und Tiere' gie, Anatomie, Forme	enkenntnis un enkenntnis un	a Systematik von d Systematik von	Pflanzen und T	ieren"			

LA Hauptschulen Biology (2009)	JMU Würzburg • generated 26-Aug-2024 • exam. reg. data record L2 026 - - H 2009	page 3 / 16

07-LA-EVO-092-	Evolut	ion									
m01	ECTS	1	Duration	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Course	es		V + Ü	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Metho	d of ass	essment	writte	written examination (approx. 30 minutes)						
	other (orerequi	sites	Admis mum dent o begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
	Referre	ed to in L	.PO I	§ 41 (§ 61 (§ 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie" § 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"						
07-LA-PHY1-092-	Basic	Physiolo	gy I								
m01	ECTS	4	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			V + Ü	Ü (no information on SWS (weekly contact hours) and course language available)						
	Metho	d of ass	essment	writte	n examination (appi	rox. 30 to 60 minutes)					
	other prerequisites			Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.							
	Referred to in LPO I			§ 41 (1) 2. "Physiologie der Pflanzen und Tiere" § 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"							
07-LA-PHY2-092-	Basic	Physiolo	gy II								
m01	ECTS	4	Duration	<u>n</u>	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	es		V + Ü	(no information on S	SWS (weekly contact h	nours) and course language ava	ailable)			
	Metho	d of ass	essment	writte	n examination (appi	rox. 30 to 60 minutes)					
	other prerequisites			Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.							
	Referre	ed to in L	PO I	§ 41 (1) 2. "Physiologie der Pflanzen und Tiere" § 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"							

07-LA-FLO- RA-092-m01	The Flo	The Flora of Germany												
	ECTS	6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses			This n	 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-LA-FLORA-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available) o7-LA-FLORA-2-092: E (no information on SWS (weekly contact hours) and course language available) 									
	Method of assessment				sment in this modul l otherwise, success sment in module co	e comprises the asso ful completion of the mponent 07-LA-FLOF	essments in the individual mode module will require successful RA-1-092: Systematics of the Flo	ule components completion of ra of Germany S	s as specified below. Unless all individual assessments. Systematics of the Flora of Ger-					
				 many 4 ECTS, Method of grading: numerical grade written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes) Assessment offered: once a year, summer semester Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. Assessment in module component o7-LA-FLORA-2-092: Field Excursions on the Flora of Germany 2 ECTS, Method of grading: (not) successfully completed 5 field trip logs (approx. 1 to 2 pages per field trip) Assessment offered: once a year, summer semester 										
	other prerequisites Referred to in LPO I			By wa	y of exception, addi	tional prerequisites a	are listed in the section on asse	ssments.						
				§ 41 (: § 41 (: § 61 (: § 61 (:	1) 1. Biologie "Zytolo 1) 4. Biologie "Ökolo 1) 1. Biologie "Zytolo 1) 4. Biologie "Ökolo	gie, Anatomie, Forme gie", "Evolutionsbiol gie, Anatomie, Forme gie", "Evolutionsbiol	enkenntnis und Systematik von ogie" und "Verhaltensbiologie" enkenntnis und Systematik von ogie" und "Verhaltensbiologie"	Pflanzen und Ti Pflanzen und T	eren" eren"					

07-LA-HU-	Human	Biology	/								
BIO-092-m01	ECTS	9	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			This m	 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-LA-HUBIO-1-092: V (no information on SWS (weekly contact hours) and course language available) o7-LA-HUBIO-2-092: Ü (no information on SWS (weekly contact hours) and course language available) 						
	Metho	d of asse	essment	Assess stated	ssessment in this module comprises the assessments in the individual module components as specified below. Unless ated otherwise, successful completion of the module will require successful completion of all individual assessments.						
				Asses: Asses:	sment in module co 5 ECTS, Method of g written examination sment in module co 4 ECTS, Method of g logs (approx. 30 ho Only after successfu is a prerequisite for Other prerequisites ses (weekly course reason; fortnightly ses (required perce admission prerequi	mponent o7-LA-HUB grading: numerical g n (approx. 60 to 90 n mponent o7-LA-HUB grading: (not) succes ours) and 10 to 15 dra ul completion of mod r participation in mod s: Admission prerequ s: a maximum of on courses: one incider entage as specified a isite to assessment.	IO-1-092: Basic Human Biology rade ninutes) IO-2-092: Basic Human Biology ssfully completed wings ule components: Successful con dule component 07-LA-HUBIO-2. isite to assessment: regular attr e incident of unexcused absence to f unexcused absence) and su t the beginning of the course).	(Lecture) (Practice) npletion of mod endance of exe ce and one exc uccessful comp The preparatior	ule component 07-LA-HUBIO-1 rcises, seminars and lab cour- used absence for a legitimate letion of the respective exerci- n of logs (10 to 15 pages) is an		
	other p	orerequis	sites	By way of exception, additional prerequisites are listed in the section on assessments.							
	Referred to in LPO I			§ 41 (1 § 61 (1) 5. Biologie "Huma) 5. Biologie "Huma	nbiologie" nbiologie"					

07-LA-FAU-	The F	The Fauna of Germany									
NA-092-m01	ECTS	6	Duratio	n	1 semester	Method of grading n	umerical grade	Modul level	undergraduate		
	Courses			This n	 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-LA-FAUNA-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available) o7-LA-FAUNA-2-092: E (no information on SWS (weekly contact hours) and course language available) 						
	Method of assessment			Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.							
				Asses many • • • • • • • •	 Assessment in module component o7-LA-FAUNA-1-o92: Systematics of the Fauna of Germany Systematics of the Fauna of Germany 4 ECTS, Method of grading: numerical grade written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes) Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. Assessment in module component o7-LA-FAUNA-2-o92: Field Excursions on the Fauna of Germany 2 ECTS, Method of grading: (not) successfully completed log (approx. 3 pages) 						
	Referred to in LPO I			 § 41 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren" § 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie" § 61 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren" § 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie" 							
07-GHR-MI-	Basio	: Microbio	logy								
BI-092-m01	ECTS	1	Duration	n	1 semester	Method of grading (r	not) successfully completed	Modul level	undergraduate		
	Cours	ses		V + Ü	(no information on	SWS (weekly contact ho	ours) and course language av	ailable)			
	Meth	od of asse	essment	logs (10 to 15 pages)						
	other prerequisites			Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.							
	Refer	red to in L	.PO I	§ 41 (§ 61 (§ 41 (1) 3. "Genetik oder Mikrobiologie" § 61 (1) 3. Biologie "Genetik und Mikrobiologie"						

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07-GHR-OE-	Animal and Pla	ant Ecolog	SY							
KO-092-m01	ECTS 4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		This n	 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-GHR-OEKO-2-092: V + Ü (no information on SWS (weekly contact hours) and course language available) o7-GHR-OEKO-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available) 						
	Method of asso	essment	Asses stated	Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.						
			Asses Asses	 Assessment in module component o7-GHR-OEKO-2-o92: Plant Ecology (Lecture, Practice) Plant Ecology (Lecture, Practice) 2 ECTS, Method of grading: numerical grade written examination (approx. 30 to 45 minutes) Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. Assessment in module component o7-GHR-OEKO-1-o92: Animal Ecology (Lecture, Practice) Animal Ecology (Lecture, Practice) 2 ECTS, Method of grading: numerical grade written examination (approx. 30 to 45 minutes) Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence) (Lecture, Practice) 2 ECTS, Method of grading: numerical grade written examination (approx. 30 to 45 minutes) Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. 						
	other prerequis	sites	By wa	y of exception, add	litional prerequisites a	re listed in the section	on assessments.			
			S 41 (1) 4. BIOlogie UKOlogie", "EVOlutionsbiologie" und "Vernaltensbiologie"							
07-GHR-MI- Bl2-002-m01	MICTODIOLOgy 2	2 Duration			Mathad of grading	numerical avade	Madullaval	undergraduate		
	ECIS 2	Duration	П П	1 Serifester	SWS (weakly contact)	hours) and source lange		undergraduate		
	Mothod of acc	occmont	U + V (no mormation on SWS (weekly contact nours) and course language available)							
	other proroqui	citoc	Admission provoquisite to accessment, regular attendance of everyises, comingra and leb sources (weakly sources, a meri							
	other prerequisites		Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.							
	Referred to in L	PO I	§ 41 (:	1) 3. "Genetik oder	Mikrobiologie"					
07-GHR-BT-092-	Biology in Tecl	hnics and	Medic	ine						
m01	ECTS 1	Duratio	<u>1</u>	1 semester	Method of grading	(not) successfully com	pleted Modul level	undergraduate		
	Courses		V (no	information on SW	S (weekly contact hou	rs) and course language	e available)			
	Method of ass	essment	writte	n examination (app	prox. 20 minutes)					
	Referred to in L	POI	§ 41 (:	ı) 1. Biologie "Zytol	ogie, Anatomie, Forme	enkenntnis und Systema	atik von Pflanzen und 1	lieren"		

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07-GH-ETHO-092-	Behavi	oural Bi	ology								
m01	ECTS	2	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Course	S	_	V + Ü	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Metho	d of ass	essment	writte	written examination (approx. 30 to 60 minutes)						
	other prerequisites		sites	Admis mum dent o begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
	Referred to in LPO I			§ 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"							
07-GHR-GEN-092-	Basic Principles of Genetics										
m01	ECTS	3	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		V + Ü (no information on SWS (weekly contact hours) and course language available)							
	Metho	d of ass	essment	written examination (approx. 30 to 45 minutes)							
	other prerequisites			Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.							
	Referre	ed to in L	PO I	§ 41 (1	ι) 3. "Genetik oder N	Nikrobiologie"					

Teaching (12 ECTS	credits)							
07-LA-FD-	Basic Didactics in Biolo	es v						
GRU-092-m01	ECTS 7 Duratio	n 2 semester Method of grading numerical grade Modul level undergraduate						
	Courses	 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-LA-FDGRU-2-092: S (no information on SWS (weekly contact hours) and course language available) o7-LA-FDGRU-1-092: V + S (no information on SWS (weekly contact hours) and course language available) 						
	Method of assessment	Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.						
		 Assessment in module component o7-LA-FDGRU-2-o92: School-Type-Specific Didactics in Biology (Seminar) 2 ECTS, Method of grading: numerical grade written examination (30 to 45 minutes) or term paper (10 to 15 pages) Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. Assessment in module component o7-LA-FDGRU-1-o92: Introduction into Didactics in Biology (Lecture, Practice) Introduction into Didactics in Biology (Lecture, Practice) Introduction into Didactics in Biology (Lecture, Practice) and written examination (20 to 30 minutes), weighted 3:2 or b) written examination (60 to 90 minutes) and oral examination of one candidate each (10 to 30 minutes) Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate erason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate erason; fortnightly courses: one incident of unexcused absence). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment. 						
	other prerequisites	By way of exception, additional prerequisites are listed in the section on assessments.						
	Referred to in LPO I	 § 36 (1) 7. Didaktik der Grundschule Biologie § 38 (1) 1. Didaktik der Hauptschule Biologie § 38 (1) 1. Didaktik der Mittelschule Biologie § 41 (1) 6. Biologie Fachdidaktik § 61 (1) 8. Biologie Didaktik 						
07-LA-FDUM-092-	Special Didactics in Bio	logy: Teaching Aids						
m01	ECTS 2 Duratio	n 1 semester Method of grading (not) successfully completed Modul level undergraduate						
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	seminar paper (10 to 15 pages)						
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
	Referred to in LPO I	§ 41 (1) 6. Biologie Fachdidaktik						
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07-LA-FDASL1-092-	Specia	ecial Didactics in Biology: Learning Places outside School								
m01	ECTS	3	Duratior	l	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate	
	Course	S		Ü (no	no information on SWS (weekly contact hours) and course language available)					
	Method	d of asse	essment	semin	eminar paper (10 to 15 pages)					
	other p	rerequis	sites	Admis mum dent o begin	ssion prerequisite to of one incident of un of unexcused absenc ning of the course). T	assessment: regular rexcused absence an ce) and successful co The preparation of log	attendance of exercises, semi d one excused absence for a le mpletion of the respective exe gs (10 to 15 pages) is an admis	nars and lab co egitimate reasor rcises (required sion prerequisit	urses (weekly courses: a maxi- i; fortnightly courses: one inci- percentage as specified at the e to assessment.	
	Referred to in LPO I § 41 (1) 6. Biologie Fachdidaktik									
			1.		· · · · · ·					

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) 07-4S1M-**Ecology and Developmental Biology of marine organisms** Z3-092-m01 ECTS 5 Method of grading numerical grade Modul level undergraduate Duration 1 semester This module comprises 2 module components. Information on courses will be listed separately for each module component. Courses • 07-4S1MZ3-1MO-092: Ü (no information on SWS (weekly contact hours) and course language available) 07-4S1MZ3-2MO-092: S (no information on SWS (weekly contact hours) and course language available) Assessment in this module comprises the assessments in the individual module components as specified below. Unless Method of assessment stated otherwise, successful completion of the module will require successful completion of all individual assessments. Assessment in module component o7-4S1MZ3-1MO-092: Ecology and Developmental Biology of Marine Organisms 4 ECTS, Method of grading: numerical grade log (approx. 10 to 20 pages) Assessment offered: once a year, summer semester Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises and successful completion of the respective exercises as specified at the beginning of the course. Assessment in module component 07-4S1MZ3-2MO-092: Seminar on Marine Biology • 1 ECTS, Method of grading: (not) successfully completed presentation (approx. 20 to 30 minutes) • Assessment offered: once a year, summer semester other prerequisites By way of exception, additional prerequisites are listed in the section on assessments. Participants and allo-Information on the allocation of places will be listed separately for each module component. 07-4S1MZ3-1MO-092: Number of places: 18. Should the number of applications exceed the number of available placation of places ces, places will be allocated as follows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one participant in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. A waiting list will be maintained and places re-allocated as they become available. Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the

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number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved

07-LA-TUFB1-092-	Supervising T	utorial for	Basic	asic Courses in Biology 1						
m01	ECTS 3	Duratio	n	1 semester	Method of grading	(not) successfully comple	ted Modul leve	l undergraduate		
	Courses		T (no	(no information on SWS (weekly contact hours) and course language available)						
	Method of ass	essment	portfo	portfolio and reports (approx. 60 hours total)						
07-LA-ZQN2-092-	Additional Qua	alificatior	MINT	INT 2						
m01	ECTS 2 Duratio		n	1 semester	Method of grading	(not) successfully comple	ted Modul leve	l undergraduate		
	Courses		V + S	✓ + S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of ass	essment	a) wri minut hours	a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)						
07-LA-ZQN3-092-	Additional Qua	alificatior	MINT	3						
m01	ECTS 3	Duratio	n	1 semester	Method of grading	(not) successfully comple	ted Modul leve	l undergraduate		
	Courses		Ü + S	+ V (no information	on SWS (weekly cont	act hours) and course lang	guage available)			
	Method of assessment		a) wri minut hours	a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)						
07-LA-ZQN4-092-	Additional Qualification MINT 4									
m01	ECTS 4 Duratio		n	1 semester	Method of grading	(not) successfully comple	ted Modul leve	l undergraduate		
	Courses		V + S	V + S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment		a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)							
07-LA-EX-	Excursion on Z	Zoology o	r Botar	y lasting several da	ays					
KURS1-092-m01	ECTS 4	Duratio	n	1 semester	Method of grading	(not) successfully comple	ted Modul leve	l undergraduate		
	Courses		S + E	S + E (no information on SWS (weekly contact hours) and course language available)						
	Method of ass	essment	log (10 to 20 pages) or written examination (30 to 90 minutes)							
07-GH-FDU-	Environmenta	l Educatio	on in th	n in the Teach'n'LearnGarden						
Bl1A-092-m01	ECTS 2	Duratio	n	1 semester	Method of grading	(not) successfully comple	ted Modul leve	l undergraduate		
	Courses		Ü + E	(no information on	SWS (weekly contact	hours) and course languag	ge available)			
	Method of ass	essment	semir	nar paper (7 to 10 pa	ages)					
	other prerequisites		Admis mum dent o begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						

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07-LA-NEUR-092-	Neurobiology										
m01	ECTS	2	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Course	95	_	V + Ü	V + Ü (no information on SWS (weekly contact hours) and course language available)						
	Metho	d of ass	essment	writte	written examination (approx. 30 minutes)						
	other prerequisites			Admis mum dent o begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.						
	Referred to in LPO I§ 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"										
07-LA-TUSB1-092-	Superv	ising Tu	itorial for	Biolog	<u>y 1</u>						
m01	ECTS	3	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Course	s		T (no	information on SWS	(weekly contact hours	s) and course language availa	ble)			
	Method of assessment			prese	presentation portfolio (approx. 60 hours total)						
07-LA-RHET-092-	Biolog	gical Rhetorics and Communication									
m01	ECTS	4	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses			 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-LA-RHET-1-092: V (no information on SWS (weekly contact hours) and course language available) o7-LA-RHET-2-092: S (no information on SWS (weekly contact hours) and course language available) 							
	Method of assessmen				sment in this modul d otherwise, success sment in module co 3 ECTS, Method of written examination sment in module co	le comprises the asse sful completion of the mponent o7-LA-RHET grading: (not) success n (approx. 45 to 60 m mponent o7-LA-RHET grading: (not) success	ssments in the individual moc module will require successfu -1-092: Basics and Possibilitie sfully completed inutes) including multiple cho -2-092: Special Topics on "Ba	dule component al completion of es of Communica ice questions sics and Possibi	s as specified below. Unless all individual assessments. ation ilities of Communication"		
				 a) presentation (approx. 20 minutes) or b) term paper (approx. 8 pages) 							
07-LA-FD-	Specia	l Didact	ics in Bio	logy: Preparation for the Written Exam							
STX-092-m01	ECTS	2	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Course	25		S (no	S (no information on SWS (weekly contact hours) and course language available)						
	Metho	d of ass	essment	semir	ar paper (7 to 10 pa	ges)					
	other prerequisites		Admis mum dent o begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).							

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07-LA-FD-	Special Didactics in Biology: Health Education									
GES-092-m01	ECTS 2	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		S (no	S (no information on SWS (weekly contact hours) and course language available)						
	Method of asse	essment	semir	nar paper (7 to 10 pa	ges)					
	other prerequis	sites	Admi mum dent begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
07-GS-FD-	Advanced Dida	ctics in E	Biology	ology						
SOV-092-m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		E + S	(no information on S	SWS (weekly contact h	nours) and course language av	ailable)			
	Method of asse	essment	a) ser	minar paper (17 to 20	o pages), b) portfolio	(approx. 90 hours)				
	other prerequisites		Admi mum dent begin	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).						
	Referred to in L	PO I	§ 36 ((1) 7. Didaktik der Gr	undschule Biologie					
07-GH-	Special Didact	ics in Bio	ogy: Learning Places outside School 2							
FDASL2-092-m01	ECTS 2 Duratio		<u>n</u>	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		S + Ü (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment		seminar paper (7 to 10 pages)							
07-LA-FD-	Special Didact	ics in Bio	logy: M	ogy: Motivation and Discipline in Biology Education						
DIS-092-m01	ECTS 2 Duratio		n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		S (no	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment		seminar paper (7 to 10 pages)							
	other prerequisites		Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maxi- mum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one inci- dent of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course).							
07-LA-TUSB2-092-	Supervising Tu	itorial for	Biolog	gy 2						
m01	ECTS 4	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		T (no	information on SWS	(weekly contact hour	s) and course language availa	ole)			
	Method of asse	essment	prese	entation portfolio (ap	prox. 90 hours total)					
07-LA-TUFB3-092-	Supervising Tu	itorial for	Basic	Courses in Biology	3					
m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		T (no	information on SWS	(weekly contact hour	s) and course language availal	ole)			
	Method of asse	essment	portfolio and reports (approx. 120 hours total)							

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07-LA-TUFB2-092-	Supervising Tutorial for Basic Courses in Biology 2										
m01	ECTS	4	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses			T (no i	(no information on SWS (weekly contact hours) and course language available)						
	Method of assessment portfolio and reports (approx. 90 hours total)										
Thesis (10 ECTS cree Preparation of a wri site for teaching de ing for a teaching d in the subject they Pursuant to Section	is (10 ECTS credits) aration of a written Hausarbeit (thesis) in accordance with the provisions of Section 29 LPO I (examination regulations for teaching-degree programmes) is a prere for teaching degree students to be admitted to the Erste Staatsprüfung (First State Examination). In accordance with the provisions of Section 29 LPO I, students si or a teaching degree Hauptschule may write this thesis in the subject Didaktik einer Fächergruppe der Hauptschule (Didactics of a Group of Subjects of Hauptschule e subject they selected as Unterrichtsfach (subject studied with a focus on the scientific discipline) or in the subject Erziehungswissenschaften (Educational Scier uant to Section 29 Subsection 1 Sentence 2 LPO I, students may also choose to write an interdisciplinary thesis.										
07-HS-UF-HA-092-	Thesis i	in Biolo	gy								
m01	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			 This module comprises 2 module components. Information on courses will be listed separately for each module component. o7-HS-UF-HA-1-092: no courses assigned o7-HS-UF-HA-2-092: no courses assigned 							
	Method of assessment			Asses stated Asses Asses	Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments. Assessment in module component o7-HS-UF-HA-1-092: Thesis in Didactics in Biology 10 ECTS, Method of grading: numerical grade written thesis (30 to 50 pages) Assessment in module component o7-HS-UF-HA-2-092: Thesis in Science Biology 10 ECTS, Method of grading: numerical grade vritten thesis (30 to 50 pages) EXESTS (30 to 50 pages)						
	Additional Information			Additional information on module duration: 1 to 2 semesters.							