

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Biology as a minor in a Bachelor's degree programme (60 ECTS credits)

Responsible: Faculty of Biology Examination regulations version: 2015 Abbreviations used: Course types: $\mathbf{E} = \text{field trip}$, $\mathbf{K} = \text{colloquium}$, $\mathbf{O} = \text{conversatorium}$, $\mathbf{P} = \text{placement/lab course}$, $\mathbf{R} = \text{project}$, $\mathbf{S} = \text{seminar}$, $\mathbf{T} = \text{tutorial}$, $\mathbf{\ddot{U}} = \text{exercise}$, \mathbf{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 Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cremodules in this SFB: ditable for bonus. Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the me-Information on 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 assessment procedures: 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:

ASPO2015

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

22-Jul-2015 (2015-37)

07-Mar-2018 (2018-4)

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										
	ECTS	Dura	ation	(in semesters)	Method of grading	Module level					
	Courses		To be spe	o 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	sessment									
	Only after su completion c		if applica	if applicable							
	Other prerequisites		if applica	if applicable							
	Participants and allocati- on of places		i- if applica	ble							
	Additional information		if applica	if applicable							
	Referred to in	n LPO I	if applica	ble (examination	regulations for teaching	degree programmes)					

Compulsory Cours	es (30 EC	CTS cre	dits)								
07-1A1Z-	The Pla	ant King	gdom								
PF-152-m01	ECTS	5	Duratio	-	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course) + Ü (2.5)						
	Methoo	d of ass	sessment		en examination (app table for bonus	rox. 60 minutes)					
	other p	orerequ	isites					ce of exercises (minimun sites for admission to ass	n 80%) and successful completi- sessment.		
07-1A1TI-152-m01	Evoluti	ion and	the Anim	al King	dom						
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		V (2)	+ Ü (3)	•		2			
	Methoo	d of ass	sessment		en examination (app table for bonus	rox. 60 minutes)					
	other prerequisites				Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exerci- ses (approx. 25 to 30 hours) are prerequisites for admission to assessment.						
	Referred to in LPO I				§ 41 Nr. 1 (4 ECTS credits) and § 41 Nr. 4 (1 ECTS credits) § 61 Nr. 1 (4 ECTS credits) and § 61 Nr. 4 (1 ECTS credits)						
07-2A2GEN-	Genetics, Neurobiology, Behaviour										
V-152-m01	ECTS 5 Duration			n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	s		V (3)					_		
	Method of assessment			written examination (approx. 60 to 90 minutes) creditable for bonus							
	other prerequisites			Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exerci- ses (approx. 25 to 30 hours) are prerequisites for admission to assessment.							
	Referred to in LPO I		§ 61 Nr. 2 (2 ECTS credits) § 61 Nr. 3 (1 ECTS credits) § 61 Nr. 4 (1 ECTS credits)								
07-SQF-RETH-152-	Legal a	and Eth	ical Aspec	ts in E	iological Sciences						
no1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	s		V (1)	V (1) + Ü (1)						
	Methoo	d of ass	sessment	Lang	written examination (approx. 30 to 60 minutes) Language of assessment: German and/or English creditable for bonus						
	other p	orerequ	isites	Admi on of	ssion prerequisite to the respective exer	o assessment: exerci cises (approx. 25 to 3	ses. Regular attendan o hours) are prerequis	ce of exercises (minimun sites for admission to as	n 80%) and successful completi sessment.		

minor in a Bachelor's degree programme Biology (2015)	JMU Würzburg • generated 12-Apr-2024 • exam. reg. data record B1 026 - - N 2015	page 3 / 18

07-3A3EBIO-	Developmenta	l Biology	of Aniı	mals							
Tl-152-m01	ECTS 4	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (1) +	+ Ü (3)							
	Method of ass	essment	written examination (approx. 60 minutes)								
		•.		creditable for bonus							
	other prerequi	sites		Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exerci- ses (approx. 25 to 30 hours) are prerequisites for admission to assessment.							
	Referred to in I	LPO I	§ 61 l	§ 61 Nr. 5							
07-3A30E-	Plant and Anin	nal Ecolos	sy								
KO-152-m01	ECTS 6	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (2) ·	+ Ü (2)							
	Method of ass	essment		n examination (app able for bonus	rox. 90 minutes)						
	Referred to in I	LPO I	§ 61 l	Nr. 4							
Compulsory Electiv	es (30 ECTS cre	dits)									
07-M-BST-152-m01	Mathematical	Biology a	nd Bio	d Biostatistics							
	ECTS 4 Duration		n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (2) ·	+ Ü (2)		·					
	Method of ass	essment		n examination (app able for bonus	rox. 60 minutes)						
07-3A3E-	Developmental Biology of Plants										
BIOPF-152-m01	ECTS 4 Duratio		n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (1) +	+ Ü (3)							
	Method of ass	essment	written examination (approx. 60 minutes) creditable for bonus								
	other prerequi	sites	Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exerci- ses (approx. 25 to 30 hours) are prerequisites for admission to assessment.								
	Referred to in I	LPO I	§ 61 Nr. 5								
07-2A2PHY-	Physiology of	Prokaryo	tes								
PR-152-m01	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							
	other prerequi	sites		Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exerci- ses (approx. 25 to 30 hours) are prerequisites for admission to assessment.							
	Additional Info	ormation	The e	xercises take place	all day as a block event.						
	Referred to in I	LPO I	§ 61	Nr. 3							

minor in a Bachelor's degree programme Biology (2015)	JMU Würzburg • generated 12-Apr-2024 • exam. reg. data record B1 026 - - N 2015	page 4 / 18

07-2A2PHYPF-152-	Plant	Physiolo	gy								
m01	ECTS	4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	es		V (1) +	$V(1) + \ddot{U}(2)$						
	Metho	d of ass	essment		written examination (approx. 60 minutes) creditable for bonus						
	other prerequisites				Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exerci- ses (approx. 25 to 30 hours) are prerequisites for admission to assessment.						
	Referr	ed to in l	PO I	§ 61 l	Nr. 2						
07-2A2PHY-	Anima	l Physio	logy								
Tl-152-m01	ECTS	4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	es		V (1) +	- Ü (2)						
	Metho	d of ass	essment	written examination (approx. 60 minutes) creditable for bonus							
	other prerequisites				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				§ 41 Nr. 2 § 61 Nr. 2						
07-3A3GEM-	Genes	, Molecu	les, Tech	nologies							
T-152-m01	ECTS	6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	es		V (4)							
	Method of assessment		essment	written examination (approx. 90 minutes) creditable for bonus							
07-3A3BC-152-m01	Basic	Biochem	istry								
	ECTS	4	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	es		V (1) +	V (1) + Ü (2)						
	Metho	d of ass	essment		written examination (approx. 60 minutes) creditable for bonus						
	other	prerequi	sites				es. Regular attendance of exer b hours) are prerequisites for a		n 80%) and successful completi- sessment.		

07-4A4FLO-152-	The Flora	of Gei	rmany								
m01	ECTS 7	7	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			V (1) +	· Ü (2) + E (2.5)						
	Method o	of asse		written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes), weighted 1:1 Assessment offered: Once a year, summer semester creditable for bonus							
	other prerequisites			Modules 12-NW-EBWL and 12-NW-EVWL are not open for students of the following subjects: Wirtschaftswissenschaft (Business Management and Economics) Bachelor's (BSc with 180 ECTS credits), Wirtschaftsinformatik (Business Information Systems) Bachelor's (BSc with 180 ECTS credits) and Wirtschaftsmathematik (Mathematics for Economics) Bachelor's (BSc with 180 ECTS credits).							
	Participants and allo- cation of places			prefer ted by	ential consideration	. The remaining plac	es will be allocated by lo	ot. A waiting list will be	st two semesters will be given maintained and places re-alloca- nber of places will be allocated in		

07-4A4FAU-152- m01	The Fauna of Germany												
	ECTS	7	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses	s		V (1)	+ Ü (2) + E (2.5)								
	Method	l of asse	essment	Asses		pprox. 45 minutes) and Ince a year, summer sen		on assignment (approx.	45 minutes), weighted 1:1				
	other p	rerequis	sites	atten	Admission prerequisite to assessment: regular attendance of field trips (minimum 80%) and completion of exercises. Regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours) is a prerequisite for admission to assessment.								
		pants an of place	S	Shou Stude Shou chelo locate degre cation availa quota form conce least A wai Selec ment rage cludii lows: dits (appli ding t king o Selec numb the si sters lot. Q Shou	ents of the Bachel ald the module be or's degree subject ed to students of ee subjects Compo- n-oriented subject able in one quota a. Should there be regulation for the erned will be alloc one other module iting list will be module iting list will be module iting list will be module s. For this purpos grade of all asses ng Chemie (Chem First, applicants qualitative rankin cants' position in to this third rankin or otherwise by lo ction process grou ber of ECTS credits ame number of EC of the respective Quota 3 (25 % of p ald the module be	used in other subjects, at Biologie (Biology) with the Bachelor's degree s utational Mathematics a t Biology (as well as pot exceed the number of a e, within one module co courses of one module cated in the same proce e component of the resp aintained and places re up 1 (95%): Places will p e, applicants will be ran sments taken during the histry), Physik (Physics), will be ranked, firstly, ac g) and, secondly, accord a third ranking will be co ng. Among applicants w t. up 2 (5%): Places will be s already achieved in mo CTS credits achieved, pla applicant; among appli alaces): lottery.	logie (Biology) with 18 there will be two quo a 180 ECTS credits and ubject Biologie (Biolo and Mathematik (Mat tentially to students of applications, the rema mponent, several cou- component. In this ca dure. In this procedur bective module will be -allocated as they be rimarily be allocated according to the eir studies or of all mo- calculated as the sum vith the same ranking, allocated according to the same ranking, allocated according to compaces will be allocated cants with the same ranking, allocated according to compaces will be allocated cants with the same ranking, allocated according to cants with the same ranking to cants with the same ranking to the same ranking to cants with	So ECTS credits will be stas: 95% of places will d 5% of places (a minin ogy) with 60 ECTS credit thematics), each with 18 of other 'importing' subj aining places will be all urses with a restricted n ase, places on all cours re, applicants who alreat e given preferential con come available. according to the applic number of ECTS credits odule components in th natics)) at the time of a age grade weighted acco nber of ECTS credits act of these two rankings, places will be allocate to the following quotas ponents of the Faculty o d by lot. Quota 2 (25 % of number of subject seme	given preferential consideration. be allocated to students of the Ba- num of one place in total) will be al- ts and to students of the Bachelor's Bo ECTS credits, as part of the appli- ects). Should the number of places ocated to applicants from the other umber of places, there will be a uni- tes of a module component that are ady have successfully completed at				

07-4S1N-	Neurobiology 1												
V01-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	S		Ü (4)	+ S (1)								
	Methoo	d of ass	essment	each senta ding Stude	a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor- ding to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus								
		pants ar of place		Shou Stude Shou chelo locate degre cation availa quota form conce least A wai Selec ment rage cludii lows: dits (appli ding king o Selec numb the si sters lot. Q Shou	ents of the Bache and the module be or's degree subje ed to students of ee subjects Comp n-oriented subje able in one quota a. Should there b regulation for the erned will be allo one other modu iting list will be n ction process gro grade of all asse ng Chemie (Cher s. For this purpo grade of all asse ng Chemie (Cher s. First, applicants (qualitative ranki cants' position in to this third rank or otherwise by l ction process gro per of ECTS credit ame number of E of the respective Quota 3 (25 % of p ald the module be	bup 2 (5%): Places will be allocated according to its already achieved in modules/module compo ECTS credits achieved, places will be allocated b e applicant; among applicants with the same nu	o ECTS credits will be given preferential consioner available. ccording to the applicate to the following so the following to the applicate to the applicate to the applicate to the following to	ven preferential consideration. e allocated to students of the Ba- im of one place in total) will be al- and to students of the Bachelor's o ECTS credits, as part of the appli- cts). Should the number of places cated to applicants from the other mber of places, there will be a uni- s of a module component that are dy have successfully completed at deration. hts' previous academic achieve- subject of Biologie (Biology) (ex- oblication. This will be done as fol- ording to the number of ECTS cre- eved (quantitative ranking). The nd places will be allocated accor- according to the qualitative ran- Quota 1 (50 % of places): total Biology; among applicants with places): number of subject seme- sters, places will be allocated by					

07-4S1N-	Integrative Behavioral E	Biology 1								
V02-152-m01	ECTS 5 Duratio	n 1 semester	Method of grading numerical grade	Modul level undergraduate						
	Courses	V (2) + S (2)								
		each (approx. 30 mir sentation (approx. 20 ding to subject area Students will be info creditable for bonus	a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor- ding to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus							
	Participants and allo- cation of places	Students of the Bach Should the module b chelor's degree subjects Com cation-oriented subjects Com quota. Should there form regulation for th concerned will be all least one other modu A waiting list will be all selection process gro ments. For this purpor rage grade of all asse cluding Chemie (Che lows: First, applicant dits (qualitative rank applicants' position ding to this third rank king or otherwise by Selection process gro number of ECTS cred the same number of sters of the respectiv lot. Quota 3 (25 % of Should the module b	be used in other subjects, there will be two quota ect Biologie (Biology) with 180 ECTS credits and of the Bachelor's degree subject Biologie (Biolog iputational Mathematics and Mathematik (Math- ect Biology (as well as potentially to students of ta exceed the number of applications, the remai be, within one module component, several cours he courses of one module component. In this cas located in the same procedure. In this procedure ule component of the respective module will be g maintained and places re-allocated as they becc oup 1 (95%): Places will primarily be allocated at essments taken during their studies or of all mod emistry), Physik (Physics), Mathematik (Mathema ts will be ranked, firstly, according to their average king) and, secondly, according to their total numb in a third ranking will be calculated as the sum of king. Among applicants with the same ranking, p lot. oup 2 (5%): Places will be allocated according to lits already achieved in modules/module compo ECTS credits achieved, places will be allocated to re applicant; among applicants with the same nu- places): lottery.	b ECTS credits will be given preferential consideration. as: 95% of places will be allocated to students of the Ba- 5% of places (a minimum of one place in total) will be al- gy) with 60 ECTS credits and to students of the Bachelor's ematics), each with 180 ECTS credits, as part of the appli- other 'importing' subjects). Should the number of places ning places will be allocated to applicants from the other ses with a restricted number of places, there will be a uni- se, places on all courses of a module component that are e, applicants who already have successfully completed at given preferential consideration.						

07-4S1N-	Functional Morphology of Arthropods												
V03-152-m01	ECTS 5	Duratio	n 1 semester	Method of grading	numerical grade	Modul level	undergraduate						
	Courses		V (1) + Ü (5)										
	Method of ass	sessment	term paper (approx. 5 creditable for bonus	, to 10 pages)									
	Participants a cation of place		Students of the Bach Should the module b chelor's degree subjec located to students o degree subjects Com cation-oriented subjec available in one quot quota. Should there b form regulation for th concerned will be alloc least one other modu A waiting list will be r Selection process gro ments. For this purpor rage grade of all asse cluding Chemie (Cher lows: First, applicants dits (qualitative ranki applicants' position i ding to this third rank king or otherwise by I Selection process gro number of ECTS credi the same number of E sters of the respective lot. Quota 3 (25 % of Should the module b	e used in other subjects, t ect Biologie (Biology) with f the Bachelor's degree su putational Mathematics and ect Biology (as well as pote a exceed the number of ap be, within one module con e courses of one module of cated in the same proced ale component of the respe- naintained and places re- oup 1 (95%): Places will pri se, applicants will be rank assments taken during the mistry), Physik (Physics), M s will be ranked, firstly, ac- ing) and, secondly, accord n a third ranking will be ca- king. Among applicants will ot. bup 2 (5%): Places will be a ts already achieved in mo ECTS credits achieved, pla e applicant; among applic places): lottery.	by the same ranking, plants with the same number subject Biology (Biology) of the same number subject Biologie (Biology) of the same number subject Biologie (Biology) of the subject Biologie (Biologie (CTS credits will be giv 95% of places will be of places (a minimu with 60 ECTS credits natics), each with 180 her 'importing' subject of places will be alloct swith a restricted nur places on all courses pplicants who alread en preferential conside e available. Ording to the applicant nber of ECTS credits the components in the cs)) at the time of app grade weighted accour of ECTS credits achie hese two rankings, and ces will be allocated the following quotas: Conts of the Faculty of E lot. Quota 2 (25% of ber of subject semest	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 ECTS credits, as part of the appli- cts). Should the number of places cated to applicants from the other mber of places, there will be a uni- s of a module component that are y have successfully completed at						

07-4S1M-	Basics in Ligh	t- and Elec	ctron-Microscopy	tron-Microscopy					
Z1-152-m01	ECTS 5	Duration		Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V (1) + Ü (5)						
	Method of ass		written examination (a creditable for bonus	pprox. 30 to 60 minutes	5)				
	Participants a cation of place	25	Students of the Bachel Should the module be chelor's degree subject located to students of degree subjects Comp cation-oriented subject available in one quota quota. Should there be form regulation for the concerned will be alloce least one other module A waiting list will be m Selection process grou ments. For this purpos rage grade of all asses cluding Chemie (Chem lows: First, applicants dits (qualitative rankin applicants' position in ding to this third ranki king or otherwise by lo Selection process grou number of ECTS credits the same number of EC sters of the respective lot. Quota 3 (25 % of p Should the module be	lor's degree subject Biol used in other subjects, t Biologie (Biology) with the Bachelor's degree s utational Mathematics a t Biology (as well as pot exceed the number of a e, within one module co courses of one module cated in the same proce e component of the resp aintained and places re p 1 (95%): Places will p e, applicants will be ran sments taken during the istry), Physik (Physics), will be ranked, firstly, ac g) and, secondly, accord a third ranking will be con g. Among applicants w t. p 2 (5%): Places will be salready achieved in mo CTS credits achieved, pla applicant; among appli laces): lottery.	there will be two quotas: 9, 180 ECTS credits and 5% of ubject Biologie (Biology) wi and Mathematik (Mathemati- tentially to students of othe applications, the remaining mponent, several courses w component. In this case, pi- dure. In this procedure, app- bective module will be giver- allocated as they become a rimarily be allocated accord ked according to the numb- eir studies or of all module Mathematik (Mathematics) ccording to their average gr ding to their total number of calculated as the sum of the with the same ranking, place allocated according to the odules/module component aces will be allocated by lot cants with the same number lor's degree subject Biologi	S credits will be given of places (a minimulation of places (a minimulation of places (a minimulation), each with 1800 r 'importing' subject places will be alloce with a restricted number of a construction of a	ven preferential consideration. e allocated to students of the Ba- im of one place in total) will be al- and to students of the Bachelor's o ECTS credits, as part of the appli- cts). Should the number of places cated to applicants from the other mber of places, there will be a uni- s of a module component that are ly have successfully completed at		

07-4S1M-	Analysis of Chromosomes												
Z2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	_			+ Ü (5)								
	Method	d of asse	essment		en examination (ap table for bonus	pprox. 30 to 60 minutes	5)						
		pants an of place		Stude Shou chelo locate degre cation availa quota form conce least A wai Selec ment: rage g cludin lows: dits (applie ding t king o Selec numb the sa sters lot. Q Shou	Id the number of a ents of the Bachelo Id the module be u or's degree subject ed to students of the es subjects Compu n-oriented subject able in one quota e a. Should there be, regulation for the o erned will be allocat one other module ting list will be ma stion process group s. For this purpose grade of all assess ng Chemie (Chemis First, applicants w qualitative ranking cants' position in a to this third rankin or otherwise by lot. tion process group ber of ECTS credits ame number of ECT of the respective a quota 3 (25 % of pla Id the module be u	br's degree subject Biol used in other subjects, Biologie (Biology) with he Bachelor's degree su itational Mathematics a Biology (as well as pot exceed the number of a , within one module con courses of one module ated in the same proceed component of the resp intained and places re- p 1 (95%): Places will pe a, applicants will be ran sments taken during the stry), Physik (Physics), vill be ranked, firstly, ac g) and, secondly, accord a third ranking will be c ag. Among applicants w p 2 (5%): Places will be already achieved in mo TS credits achieved, pla applicant; among applicants aces): lottery.	there will be two quotas: 95 a 180 ECTS credits and 5% of ubject Biologie (Biology) wit and Mathematik (Mathemati tentially to students of other applications, the remaining p mponent, several courses w component. In this case, pla dure. In this procedure, app bective module will be given -allocated as they become a rimarily be allocated accord ked according to the number eir studies or of all module co Mathematik (Mathematics)) ccording to their average gra ding to their total number of calculated as the sum of these ith the same ranking, places allocated according to the f odules/module components aces will be allocated by lot. cants with the same number	S credits will be given % of places will be f places (a minimu th 60 ECTS credits ics), each with 1800 of importing' subject olaces will be alloce ith a restricted num aces on all courses licants who alread preferential consid- vailable. ing to the applicar er of ECTS credits t components in the at the time of applicar te con ECTS credits t components in the at the time of applicar ECTS credits achieved se two rankings, all s will be allocated following quotas: C s of the Faculty of E Quota 2 (25 % of r of subject semes	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 ECTS credits, as part of the appli- cts). Should the number of places cated to applicants from the other mber of places, there will be a uni- s of a module component that are y have successfully completed at				

07-4S1M-	Specia	l Bioinfo	ormatics 1									
Z6-152-m01	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	2S		V (1) +	+ Ü (5)							
	Metho	Method of assessment			Log (approx. 10 to 20 pages) Language of assessment: German or English creditable for bonus							
		pants ar of place	25	Stude Shoul chelo locate degre catior availa quota form r conce least of A wait Select ments rage g cludir lows: dits (c applic ding t king o Select numb the sa sters o lot. Qu Shoul	ents of the Bachelor' ld the module be use or's degree subject Bi- ed to students of the ee subjects Computa n-oriented subject Bi- able in one quota exe a. Should there be, w regulation for the co- erned will be allocate one other module co- ting list will be main tion process group 1 s. For this purpose, a grade of all assessm ng Chemie (Chemistr First, applicants will qualitative ranking) a cants' position in a t to this third ranking. or otherwise by lot. tion process group 2 ber of ECTS credits al ame number of ECTS of the respective app uota 3 (25 % of place ld the module be use	s degree subject Biol ed in other subjects, iologie (Biology) with e Bachelor's degree su ational Mathematics a iology (as well as pot ceed the number of a vithin one module cor purses of one module ed in the same proces omponent of the resp nationed and places re- 1 (95%): Places will pr applicants will be ran tents taken during the ry), Physik (Physics), f l be ranked, firstly, ac and, secondly, accord third ranking will be co third ranking will be co coredits achieved in mo coredits achieved in mo coredits achieved, pla plicant; among applicants es): lottery.	there will be two quotas: 95% 180 ECTS credits and 5% of pl ubject Biologie (Biology) with 6 and Mathematik (Mathematics) entially to students of other 'in pplications, the remaining pla mponent, several courses with component. In this case, place dure. In this procedure, applicate ective module will be given pro- allocated as they become avai- rimarily be allocated according ked according to the number of eir studies or of all module com Mathematik (Mathematics)) at coording to their average grade ding to their total number of EC alculated as the sum of these ith the same ranking, places w allocated according to the foll odules/module components of aces will be allocated by lot. Qu cants with the same number of or's degree subject Biologie (B	redits will be giv of places will be laces (a minimum 60 ECTS credits a), each with 180 mporting' subject ces will be alloct a restricted nur es on all courses ants who alread eferential consid- ilable. g to the applican of ECTS credits the mponents in the t the time of app e weighted accord CTS credits achies two rankings, ar vill be allocated cowing quotas: C f the Faculty of B uota 2 (25 % of p f subject semest	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 ECTS credits, as part of the appli- cts). Should the number of places cated to applicants from the other mber of places, there will be a uni- s of a module component that are y have successfully completed at deration. Ats' previous academic achieve- hey have achieved and their ave- subject of Biologie (Biology) (ex- plication. This will be done as fol- rding to the number of ECTS cre- eved (quantitative ranking). The nd places will be allocated accor- according to the qualitative ran-			

07-4S1PS1-152-	Molecu	ılar moo	lelling - Fro	rom DNA to Protein					
m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Course	S		V (1) +	·Ü (5)				
	Method	d of ass			uterised practical able for bonus	examination (approx. 6	hours)		
		pants ar	.5	Stude Should chelor locate degree cation availa quota form r conce least of A wait Select ments rage g cludin lows: dits (of applic ding to king o Select numb the sa sters o lot. Qu	ents of the Bachelo d the module be u r's degree subject ed to students of the e subjects Compu h-oriented subject uble in one quota e . Should there be, regulation for the computed one other module ting list will be allocation one other module ting list will be ma tion process group s. For this purpose grade of all assess ing Chemie (Chemis First, applicants with qualitative ranking cants' position in a o this third rankin or otherwise by lot tion process group er of ECTS credits ame number of EC of the respective a uota 3 (25 % of pla d the module be u	or's degree subject Biolo used in other subjects, t Biologie (Biology) with he Bachelor's degree su itational Mathematics an Biology (as well as pote exceed the number of ap , within one module con courses of one module con courses of one module con component of the respe- intained and places re- o 1 (95%): Places will pri e, applicants will be rank stry), Physik (Physics), N vill be ranked, firstly, ac g) and, secondly, accord a third ranking will be ca already achieved in mo TS credits achieved, pla applicant; among applic aces): lottery.	there will be two quotas: 95% of 180 ECTS credits and 5% of pla biject Biologie (Biology) with 6 nd Mathematik (Mathematics) entially to students of other 'im oplications, the remaining place nonent, several courses with component. In this case, place lure. In this procedure, applicate ective module will be given pre- allocated as they become avai imarily be allocated according ked according to the number o ir studies or of all module com Mathematik (Mathematics)) at cording to their total number of EC alculated as the sum of these to the same ranking, places with allocated according to the follo dules/module components of ices will be allocated by lot. Qu- tants with the same number of pr's degree subject Biologie (Bi	redits will be giv of places will be aces (a minimur o ECTS credits a , each with 180 porting' subject ces will be alloct a restricted nun s on all courses ants who already efferential consid- lable. to the applican f ECTS credits the ponents in the the time of app weighted accor TS credits achies two rankings, ar ill be alloctated a pwing quotas: Q the Faculty of B tota 2 (25 % of p subject semest	en preferential consideration. allocated to students of the Ba- m of one place in total) will be al- and to students of the Bachelor's ECTS credits, as part of the appli- ts). Should the number of places ated to applicants from the other nber of places, there will be a uni- of a module component that are y have successfully completed at deration. ts' previous academic achieve- ney have achieved and their ave- subject of Biologie (Biology) (ex- lication. This will be done as fol- ding to the number of ECTS cre- eved (quantitative ranking). The nd places will be allocated accor- according to the qualitative ran-

07-4S1PS2-152-	Metho	ds in Pla	ant Ecoph	ysiology						
mo1	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate	
	Course	S		Ü (4) ·	+ S (1)					
	Methoo	d of ass	essment		approx. 10 to 20 pag able for bonus	ges)				
		pants ar		Stude Shoul chelo locate degre catior availa quota form i conce least A wai Selec ments rage g cludir lows: dits (d applid ding t king c Selec numb the sa sters lot. Q Shoul	Id the number of ap ents of the Bachelor Id the module be us r's degree subject B ed to students of the es subjects Computa h-oriented subject B able in one quota ex a. Should there be, v regulation for the co erned will be allocat one other module c ting list will be main tion process group a s. For this purpose, grade of all assessm ng Chemie (Chemist First, applicants will qualitative ranking) cants' position in a t to this third ranking. or otherwise by lot. tion process group a to the respective ap uota 3 (25 % of place Id the module be us	s degree subject Biol sed in other subjects, biologie (Biology) with e Bachelor's degree s ational Mathematics a biology (as well as pot ceed the number of a within one module co- burses of one module ed in the same proce- omponent of the resp nationed and places re- 1 (95%): Places will per applicants will be ran hents taken during the ry), Physik (Physics), ll be ranked, firstly, ac and, secondly, accord third ranking will be co- third ranking will be co- cordits achieved in mo- for credits achieved in mo- for credits achieved, pla- plicant; among appli-	there will be two quotas: 95% in 180 ECTS credits and 5% of plubject Biologie (Biology) with of and Mathematik (Mathematics) centially to students of other 'in applications, the remaining pla mponent, several courses with component. In this case, place dure. In this procedure, applications cective module will be given pr -allocated as they become ava rimarily be allocated according to the number of eir studies or of all module con Mathematik (Mathematics)) at coording to their average grade ding to their total number of EC calculated as the sum of these ith the same ranking, places w allocated according to the foll odules/module components of aces will be allocated by lot. Q cants with the same number of cor's degree subject Biologie (E	redits will be giv of places will be laces (a minimu 60 ECTS credits), each with 180 mporting' subject cas will be alloct a restricted nur es on all courses ants who alread eferential consid- ilable. g to the applican of ECTS credits to nponents in the t the time of app e weighted accou- CTS credits achie two rankings, an vill be allocated lowing quotas: C f the Faculty of E uota 2 (25 % of f subject semes	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 ECTS credits, as part of the appli- cts). Should the number of places tated to applicants from the other mber of places, there will be a uni- s of a module component that are y have successfully completed at deration. Ats' previous academic achieve- hey have achieved and their ave- subject of Biologie (Biology) (ex- plication. This will be done as fol- rding to the number of ECTS cre- eved (quantitative ranking). The nd places will be allocated accor- according to the qualitative ran-	

07-4S1PS3-152-	Pharmaceutical Drugs in	I Plants							
m01	ECTS 5 Duration	n 1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses	Ü (4) + S (1)							
		a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor- ding to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus							
	Participants and allo- cation of places	Students of the Bachelo Should the module be u chelor's degree subject located to students of th degree subjects Comput cation-oriented subject available in one quota e quota. Should there be, form regulation for the c concerned will be allocat least one other module A waiting list will be mai Selection process group ments. For this purpose, rage grade of all assess cluding Chemie (Chemis lows: First, applicants w dits (qualitative ranking applicants' position in a ding to this third ranking king or otherwise by lot. Selection process group number of ECTS credits a the same number of ECT sters of the respective a lot. Quota 3 (25 % of pla	r's degree subject Biolo sed in other subjects, t Biologie (Biology) with the Bachelor's degree su tational Mathematics an Biology (as well as pote xceed the number of ap within one module corr ourses of one module of ted in the same proced component of the respect ntained and places re- a 1 (95%): Places will pri applicants will be rank ments taken during their try), Physik (Physics), M ill be ranked, firstly, accord third ranking will be ca g. Among applicants with 2 (5%): Places will be a already achieved in mo S credits achieved, place pplicant; among applicants ces): lottery. sed only in the Bachelo	here will be two quotas: 95% of 180 ECTS credits and 5% of pla bject Biologie (Biology) with 6 and Mathematik (Mathematics) ontially to students of other 'im oplications, the remaining place opponent, several courses with component. In this case, place ure. In this procedure, applicate ective module will be given pre- allocated as they become avai marily be allocated according ted according to the number of for studies or of all module com Mathematik (Mathematics)) at cording to their average grade ing to their total number of EC ilculated as the sum of these to the same ranking, places with allocated according to the follod dules/module components of ces will be allocated by lot. Qu ants with the same number of pr's degree subject Biologie (Bi	redits will be giv of places will be aces (a minimur to ECTS credits a porting' subject ces will be alloct a restricted nun is on all courses ants who already efferential consic lable. to the applicant f ECTS credits the ponents in the the time of app weighted accor TS credits achies two rankings, an ill be allocated a pwing quotas: Q the Faculty of B uota 2 (25 % of p subject semest	en preferential consideration. allocated to students of the Ba- n of one place in total) will be al- and to students of the Bachelor's ECTS credits, as part of the appli- ts). Should the number of places ated to applicants from the other nber of places, there will be a uni- of a module component that are y have successfully completed at leration. ts' previous academic achieve- ney have achieved and their ave- subject of Biologie (Biology) (ex- lication. This will be done as fol- ding to the number of ECTS cre- eved (quantitative ranking). The nd places will be allocated accor- according to the qualitative ran-			

07-S1-LP1-152-m01	Laboratory Practical Course I											
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	s		P (5)								
					le taught in: Germar							
	Metho	d of ass	essment			pprox. 45 to 60 minutes) or b) log (approx. 10 to 20						
) or d) oral examination in groups of up to 3 candida 30 minutes) or f) practical examination (on average a						
						vill not exceed a maximum of 4 hours).		, time to complete will vary accor-				
				Stude	Students will be informed about the method and length of the assessment prior to the course.							
					able for bonus							
		orerequi	sites	Pleas	e consult with cours	e advisory service in advance.						
07-S1-Ex1-152-m01		ion I										
	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	s		E (2)								
				Module taught in: German and/or English								
	Metho	d of ass	essment	a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor-								
						<i>i</i> ll not exceed a maximum of 4 hours).						
	Students will be informed about the method and length of the assessment prior to the course.											
				creditable for bonus								
	,	orerequi		Please consult with course advisory service in advance.								
07-S1-IP1-152-m01		<u> </u>	ary Projec		ń		1					
	ECTS	5	Duration	,	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	es		R (5)								
				Module taught in: German and/or English								
	Metho	d of ass	essment	a) written examination (approx. 45 to 60 minutes) or 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) pre-								
				sentation (approx. 20 to 30 minutes) or d) practical examination (on average approx. 2 hours; time to complete will vary accor-								
				ding t	o subject area but w	vill not exceed a maximum of 4 hours).						
						l about the method and length of the assessment pr	rior to the cours	e.				
	- 41.				able for bonus							
	other p	orerequi	sites	Pleas	e consult with cours	e advisory service in advance.						

07-S2-EX2-152-	Excursion II											
m01	ECTS 10 Duration		n	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S		E (8) Modu	ıle taught in: Germ	an and/or English						
	Method	d of ass	essment	each senta ding Stude Lang	a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor- ding to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. Language of assessment: German and/or English creditable for bonus							
	other p	rerequi	isites	Pleas	e consult with cou	rse advisory service in	advance.					
07-S2-IP2-152-m01	Interdi	sciplina	ary Projec	t II								
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		R (8) Modu	R (8) Module taught in: German and/or English							
	Method of assessment			a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor- ding to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. Language of assessment: German and/or English creditable for bonus								
	other p	rerequi	isites	Please consult with course advisory service in advance.								
07-S2-LP2-152-	Laboratory Practical Course II											
m01	ECTS	10	Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		P (8) Module taught in: German and/or English								
				a) written examination (approx. 45 to 60 minutes) or 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) pre- sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary accor- ding to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. Language of assessment: German and/or English creditable for bonus								
	other p	rerequi	isites	Pleas	e consult with cou	rse advisory service in	advance.					

minor in a Bachelor's degree programme Biology (2015)	JMU Würzburg • generated 12-Apr-2024 • exam. reg. data record B1 026 - - N 2015	page 18 / 18