

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

= lecture

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

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

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

= list of modules

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

Conventions for the modules in this SFB:

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

Information on assessment procedures:

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

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

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

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

ASP02015

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		1								
	ECTS		Duration	(in semesters)	Method of grading		Module level				
	Courses		To be sp	To 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	ssessme	ent	-							
	Only after su completion o		l if applica	if applicable							
	Other prereq	uisites	if applica	if applicable							
	Participants on of places		ocati- if applica	if applicable							
	Additional information		on if applica	if applicable							
	Referred to in	n LPO I	if applica	if applicable (examination regulations for teaching-degree programmes)							

Compulsory Cours	es (30 E	CTS cre	dits)									
07-1A1Z-	The Pla	ant King	gdom									
PF-152-m01	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	es	,	V (1.5) + Ü (2.5)	•	•	•	•			
	Method of assessment				written examination (approx. 60 minutes) creditable for bonus							
	other p	orerequi	sites		Admission prerequisite to assessment: exercises. Regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.							
07-1A1TI-152-m01	Evolution and the Animal Kingdom											
	ECTS 5 Duration			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (2)	+ Ü (3)				-			
	Method of assessment				written examination (approx. 60 minutes) creditable for bonus							
	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.							
	Referre	ed 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-mo1	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	es		V (3)	•							
	Metho	d of ass	essment	written examination (approx. 60 to 90 minutes) creditable for bonus								
	other p	rerequi	sites	Admission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.								
	Referred to in LPO I			§ 61 Nr. 2 (2 ECTS credits) § 61 Nr. 3 (1 ECTS credits) § 61 Nr. 4 (1 ECTS credits)								
07-SQF-RETH-152-	Legal a	and Ethi	cal Aspec	ts in B	iological Sciences							
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	es	•	V (1)	+ Ü (1)							
				written examination (approx. 30 to 60 minutes) Language of assessment: German and/or English creditable for bonus								
	other prerequisites			Admission prerequisite to assessment: exercises. Regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.								

07-3A3EBIO-	Develop	mental	Biology	of Ani	nals		,	-						
Tl-152-m01	ECTS	4	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Courses			V (1) -	- Ü (3)	·	•							
	Method	of asse	ssment		n examination (ap	oprox. 60 minutes)								
	other pro	erequis	ites	Admi: ses (a	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 L	PO I	§ 61 l	Nr. 5			_						
07-3A3OE-	Plant an	d Anim	al Ecolog	sy										
KO-152-mo1	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Courses			V (2)	V (2) + Ü (2)									
	Method	of asse	ssment		written examination (approx. 90 minutes) creditable for bonus									
	Referred	to in L	PO I	§ 61 l	61 Nr. 4									
Compulsory Electiv	es (30 EC													
07-M-BST-152-m01	Mathem	Mathematical Biology and Biostatistics												
		4	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Courses			V (2)	+ Ü (2)	<u> </u>	·	•						
	Method	of asse	ssment		n examination (ap	oprox. 60 minutes)								
07-3A3E-	Developmental Biology of Plants													
BIOPF-152-m01	ECTS .	4	Duration	า	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Courses			V (1) + Ü (3)										
	Method	of asse	ssment	written examination (approx. 60 minutes) creditable for bonus										
	other pro	erequis	ites	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 I	PO I	§ 61 Nr. 5										
07-2A2PHY-	Physiology of Prokaryotes													
07-2A2PHY-				es										
07-2A2PHY- PR-152-m01	Physiolo				1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Physiolo	ogy of P	rokaryot			Method of grading numerical grade	Modul level	undergraduate						
	Physiolo ECTS	ogy of P	Prokaryot Duration	V (1) - writte	Ü (2)	Method of grading numerical grade oprox. 60 minutes)	Modul level	undergraduate						
	Physiolo ECTS Courses	ogy of P 4 of asse	Prokaryot Duration essment	V (1) - writte credit Admi:	r Ü (2) n examination (ap able for bonus ssion prerequisite	, , , ,	nce (minimum 80%) and							
	Physiolo ECTS Courses Method	of asse	Duration Ssment ites	V (1) - writte credit Admi ses (a	r Ü (2) n examination (ap able for bonus ssion prerequisite approx. 25 to 30 ho	oprox. 60 minutes) e to assessment: exercises. Regular attenda	nce (minimum 80%) and							

07-2A2PHYPF-152-	Plant P	hysiolo	gy									
mo1	ECTS	4	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (1) ·	+ Ü (2)			•				
	Method	d of ass	essment	written examination (approx. 60 minutes) creditable for bonus								
	other p	rerequi	sites	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.								
	Referre	d to in l	_PO I	§ 61 l	Nr. 2							
07-2A2PHY-	Animal	Physio	logy									
Tl-152-m01	ECTS 4 Duratio			1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course			V (1) ·	+ Ü (2)							
	Method	d of ass	essment	written examination (approx. 60 minutes) creditable for bonus								
	other p	rerequi	sites	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,	Genes, Molecules, Technologies										
T-152-m01	ECTS	6	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (4)								
	Method	d of ass	essment	written examination (approx. 90 minutes) creditable for bonus								
07-3A3BC-152-m01	Basic B	Biochem	istry									
	ECTS	4	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (1) ·	+ Ü (2)			·				
	Method of assessment				n examination (app	orox. 60 minutes)						
	other prerequisites			Admission prerequisite to assessment: exercises. Regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours) are prerequisites for admission to assessment.								

07-4A4FLO-15	2-	The Flora of Germany										
mo1		ECTS	7	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
		Course	S		$V(1) + \ddot{U}(2) + E(2.5)$							
		Method	l of asse	essment	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 p	rerequis	sites	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.							
		Particip cation (oants an of place:	S	180 places. Students applying after not having successfully completed assessment in the past two semesters will be given preferential consideration. The remaining places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available. Places on all courses of the module with a restricted number of places will be allocated in the same procedure.							

07-4A4FAU-152-	The Fauna of Germany												
mo1	ECTS 7	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate						
	Courses	V	(1) + Ü (2) + E (2.5)			·							
	Method of asso	A	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 prerequis	a	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.										
	Participants ar cation of place	nd allo- s S S S S C lo d d C a q f f c c le d d k S m r r c lo d d s S m r r c lo S S S S S S S S S S S S S S S S S S	Bo places. hould the number of ap tudents of the Bachelor' hould the module be us helor's degree subject Bocated to students of the egree subjects Compute ation-oriented subject B vailable in one quota ex uota. Should there be, vorm regulation for the cooncerned will be allocate ast one other module concerned will be main election process group and the computer of all assessments. For this purpose, age grade of all assessments. For this purpose, age grade of all assessments (qualitative ranking) pplicants' position in a tring to this third ranking, ing or otherwise by lot. election process group a umber of ECTS credits and same number of ECTS tress of the respective apot. Quota 3 (25 % of place)	plications exceed the s degree subject Bio ed in other subjects, iologie (Biology) with a Bachelor's degree sational Mathematics at iology (as well as posseed the number of a within one module courses of one module ed in the same proceomponent of the respitatined and places reasonable (Physics), al be ranked, firstly, a and, secondly, according the same policants will be confird ranking will be confird ranking will be confired to the same policants will be confired to the secondly according the secondly according to the secondly according to the second sec	there will be two quotas in 180 ECTS credits and 5% ubject Biologie (Biology) and Mathematik (Mathematically to students of otapplications, the remaining mponent, several course component. In this case dure. In this procedure, a pective module will be givallocated as they becomparing to the number studies or of all modu. Mathematik (Mathematical coording to their average ding to their total number alculated as the sum of with the same ranking, plants with the same number of the same in the same number of the same number	ECTS credits will be give: 95% of places will be 8% of places (a minimum) with 60 ECTS credits and ther 'importing' subjecting places will be alloces with a restricted nurse, places on all courses applicants who alreadiven preferential considue available. For each of ECTS credits that components in the fics)) at the time of application of ECTS credits achies these two rankings, are aces will be allocated whe following quotas: Cents of the Faculty of Be 10t. Quota 2 (25% of pale of subject semesting)	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 ated 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						

07-4S1N-	Neu	robiology	1								
VO1-152-m01	ECT	S 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Cou	rses		Ü (4) -	+ S (1)						
	Met	hod 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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus							
		cicipants ar		Stude Shoul chelor located degrecation availa quota form reconce least of A wait Select ments rage geludin lows: dits (capplic ding the sasters of lot. Question of the sasters of lot.	d the number of ap nts of the Bachelor d the module be used to students of the esubjects Computed for end to students of the esubjects Computed for end will be allocated will be allocated to the two the first, applicants will be mainted of all assessments of all assessments, applicants will be mainted to the module of the two the tw	is degree subject Biologie (Biology) with the Bachelor's degree stational Mathematics as associational Mathematics as well as potential one module control on the same processional procession of the responsional procession of the responsional procession of the same procession of the ranked, firstly, as and, secondly, according the ranked, firstly, as and, secondly, according the ranking will be control of the ranking will be control of the ranked, firstly, as and, secondly, according the ranking will be control of the ranking will be co	ogie (Biology) with 18 there will be two quot 180 ECTS credits and ubject Biologie (Biologie) and Mathematik (Mathentially to students of pplications, the remanponent, several courcomponent. In this cadure. In this procedurective module will be allocated as they be crimarily be allocated a ked according to their studies or of all momentation and the same ranking, allocated according to the sum ith the same ranking, allocated according to their studies or of all momentation and the same ranking, allocated according to their studies or of allocated according to their sum ith the same ranking, allocated according to their same nor's degree subject Bior's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor's degree subject Biories and sum ith the same nor sum ith the	as: 95% of places will be 5% of places (a minimum gy) with 60 ECTS credits a mematics), each with 180 of other 'importing' subjecting places will be allocated nurse, places on all courses et, applicants who alreading given preferential considered according to the applicant dule components in the atics)) at the time of applicated of ECTS credits the time of ECTS credits achies of these two rankings, are places will be allocated to the following quotas: Conents of the Faculty of B by lot. Quota 2 (25% of pumber of subject semesting the semesting of the semesting the subject semesting the semesting of the semesting the subject semesting the semesting the subject semesting the semistance of the	ren 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- its). Should the number of places ated to applicants from the other inber of places, there will be a uni- is of a module component that are by have successfully completed at		

07-4S1N-	Integrative Behavioral Biology 1											
VO2-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		V (2)	+ S (2)								
	Method of as	ssessment	b) log c) ora d) ora e) pre f) pra maxii Stude	g (approx. 10 to 20 al examination of cal examination in gesentation (approxectical examination mum of 4 hours).	(approx. 45 to 60 minutes) or pages) or pages) or one candidate each (approx. 30 minutes) or groups of up to 3 candidates (approx. 20 minutes x. 20 to 30 minutes) or n (on average approx. 2 hours; time to complete veed about the method and length of the assessments.	will vary according to	,					
	Participants cation of pla		Stude Shou chelo locate degree cation availa quota form conceleast A wai Select ment rage scludil lows: dits (appli ding king of Select numbers sters lot. Q Shou	Id the number of a cents of the Bachel ld the module be or's degree subjected to students of the subjects. Compute the subjects of the regulation for the erned will be allocone other module ting list will be mation process grous. For this purpose grade of all assessing Chemie (Chemic First, applicants of this third ranking cants' position into this third ranking or otherwise by lower of ECTS credits ame number of ECTS are of the respective suota 3 (25 % of place of the module be	p 2 (5%): Places will be allocated according to the already achieved in modules/module componer CTS credits achieved, places will be allocated by leapplicant; among applicants with the same number.	error credits will be given by the solution of places (a minimu with 60 ECTS credits atics), each with 180 are 'importing' subject of places will be allocated on the solution of the solution	ven preferential consideration. e allocated to students of the Bam of one place in total) will be aland to students of the Bachelor's ECTS credits, as part of the applicts). Should the number of places rated to applicants from the other mber of places, there will be a unisof a module component that are y have successfully completed at deration. Ats' previous academic achievements have achieved and their avesubject of Biologie (Biology) (explication. This will be done as folloiding to the number of ECTS creeved (quantitative ranking). The not places will be allocated accordaccording to the qualitative randuota 1 (50 % of places): total Biology; among applicants with places): number of subject semeters, places will be allocated by					

07-4S1N-	Functional Morphology of Arthropods												
V03-152-m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S		V (1) +	+ Ü (5)								
	Method	d of ass	essment	term paper (approx. 5 to 10 pages) creditable for bonus									
		oants ar		Stude Shoul chelo locate degree cation availa quota form I conce least A wair Select ments rage geludir lows: dits (dapplied ding the sasters lot. Q Shoul	Id the number of a cents of the Bachel Id the module be r's degree subjected to students of the subjected to students of the subjected to students of the subjected to subjected to subjected to subjected to subjected the subjected to subject to s	or's degree subject Biolused in other subjects, t Biologie (Biology) with the Bachelor's degree sutational Mathematics at Biology (as well as pot exceed the number of a symbol within one module cocourses of one module ated in the same proce acomponent of the respaintained and places rep 1 (95%): Places will be a philicants will be ranked, firstly, and secondly, accordant the same proce at third ranking will be cong. Among applicants with p 2 (5%): Places will be a laready achieved in most accordant ac	In 180 ECTS credits and 5% of plaubject Biologie (Biology) with and Mathematik (Mathematics) tentially to students of other 'ir applications, the remaining plaupponent, several courses with component. In this case, placed dure. In this procedure, applications are the allocated as they become avair marily be allocated according to the number of eir studies or of all module con Mathematik (Mathematics)) at according to their average graded and their total number of Educated as the sum of these with the same ranking, places we allocated according to the follodules/module components of acces will be allocated by lot. Queants with the same number of lor's degree subject Biologie (Bor's degree subject Biologie	redits will be give of places will be laces (a minimum of places will be laces (a minimum of places with 180 mporting' subjects will be allocated a restricted nurses on all courses ants who alreading eferential considiable. If the time of apples weighted according to the time of apples weighted according to the time of apples weighted ac	ven preferential consideration. e allocated to students of the Barm of one place in total) will be allocated to students of the Bachelor's ECTS credits, as part of the applicts). Should the number of places ated to applicants from the other mber of places, there will be a unit of a module component that are y have successfully completed at deration. Its' previous academic achievement have achieved and their avesubject of Biologie (Biology) (exclication. This will be done as folding to the number of ECTS creeved (quantitative ranking). The and places will be allocated accordaccording to the qualitative rankard.				

07-4S1M-	Basics	in Light	t- and Elec	ctron-Microscopy							
Z1-152-m01	ECTS	5	Duration	ı	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	!S		V (1) +	+ Ü (5)						
	Method	d of ass		written examination (approx. 30 to 60 minutes) creditable for bonus							
		pants ar	25	Stude Shoul chelor located degree cation availa quota form r conceleast of A wait Select ments rage g cluding to king of Select numb the safets of lot. Question of the Shoul shoul chelor should be should	Id the number of apents of the Bachelor Id the module be used to students of the estate of the subjects Comput the oriented subject of the subjects Comput the oriented subject of the computation one quotation for the computation for the computation for the computation of the module of the computation of the module of the computation of the purpose, grade of all assessing Chemie (Chemis First, applicants with qualitative ranking) cants' position in a computation of the computation of the computation of the computation of the respective apputation of the respective apputation of the respective apputation of the module be used the module be used to subject the computation of the computation of the respective apputation of the module be used to subject the computation of the computation of the respective apputation of the module be used to subject the computation of the computat	oplications exceed the number of available plant's degree subject Biologie (Biology) with 180 sed in other subjects, there will be two quotast Biologie (Biology) with 180 ECTS credits and 5 are Bachelor's degree subject Biologie (Biology) attional Mathematics and Mathematik (Mathematics) and Mathematik (Mathematics) as well as potentially to students of oxceed the number of applications, the remain within one module component, several course ourses of one module component. In this case ted in the same procedure. In this procedure, component of the respective module will be gintained and places re-allocated as they becon 1 (95%): Places will primarily be allocated according to the numents taken during their studies or of all modulary), Physik (Physics), Mathematik (Mathematill be ranked, firstly, according to their average) and, secondly, according to their total number third ranking will be calculated as the sum of g. Among applicants with the same ranking, planteady achieved in modules/module componers credits achieved, places will be allocated by pplicant; among applicants with the same nurces): lottery. sed only in the Bachelor's degree subject Biole election process of group 1.	ECTS credits will be gives: 95% of places (a minimum) with 60 ECTS credits matics), each with 180 other 'importing' subjecting places will be alloces with a restricted nurse, places on all courses applicants who alread iven preferential considue available. cording to the applicant mber of ECTS credits the tics)) at the time of apple grade weighted according to the applicant these two rankings, at laces will be allocated the following quotas: Contents of the Faculty of Ey lot. Quota 2 (25% of mber of subject semes will be allocated the following quotas: Contents of the Faculty of Ey lot. Quota 2 (25% of mber of subject semes will be allocated the following quotas: Contents of the Faculty of Ey lot. Quota 2 (25% of mber of subject semes will be allocated the following quotas: Contents of the Faculty of Ey lot. Quota 2 (25% of mber of subject semes will be allocated the following quotas: Contents of the Faculty of Ey lot. Quota 2 (25% of mber of subject semes will be allocated the following quotas: Contents of the Faculty of Ey lot.	ven preferential consideration. e allocated to students of the Bam of one place in total) will be allocated to students of the Bachelor's ECTS credits, as part of the applicts). Should the number of places stated to applicants from the other mber of places, there will be a unisof a module component that are y have successfully completed at deration. Ats' previous academic achieve-hey have achieved and their avesubject of Biologie (Biology) (explication. This will be done as folloding to the number of ECTS creeved (quantitative ranking). The nd places will be allocated accoraccording to the qualitative randuota 1 (50 % of places): total Biology; among applicants with places): number of subject semeters, places will be allocated by			

07-4S1M-	Analysis of Chromosomes													
Z2-152-m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Course	S		V (1) +	- Ü (5)									
	Method	d of ass	essment			orox. 30 to 60 minutes)							
				creditable for bonus										
		oants ar of place		18 pla		unlications average tha	number of available places pla	acos will bo allo	esated as follows:					
	Cation	oi piace	3	Should the number of applications exceed the number of available places, places will be allocated as follows: Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration.										
				Should the module be used in other subjects, there will be two quotas: 95% of places will be 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					
					vailable in one quota exceed the number of applications, the remaining places will be allocated to applicants from the of									
					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 the same 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 achieve-										
									rey have achieved and their ave-					
									subject of Biologie (Biology) (ex-					
									lication. This will be done as fol-					
									ding to the number of ECTS creved (quantitative ranking). The					
									d places will be allocated accor-					
									according to the qualitative ran-					
					r otherwise by lot.	(0() 51 1111								
							allocated according to the follo odules/module components of t							
									places): number of subject seme-					
				sters o	of the respective ap	oplicant; among appli			ers, places will be allocated by					
					uota 3 (25 % of plac				5676 111 11 111					
						sed only in the Bachel election process of gro		ology) with 180	ECTS credits, places will be allo-					
				cateu	according to the se		νuρ 1.							

07-4S1M-	Specia	Special Bioinformatics 1												
Z6-152-m01	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Course	:S		V (1) +	+ Ü (5)									
	Method	d of ass	essment		approx. 10 to 20 pa									
				Language of assessment: German or English creditable for bonus										
		oants ar		Stude Shoul chelo locate degree cation availa quota form I conce least A wair Select ments rage geludir lows: dits (dapplied ding the sasters lot. Q Shoul	ents of the Bachelo Id the module be units of the module be units of the esubjects Computation on the content of the content o	or's degree subject Biolosed in other subjects, Biologie (Biology) with the Bachelor's degree stational Mathematics as Biology (as well as pot exceed the number of a within one module concurses of one module ted in the same procest of the respintained and places will be ranked, firstly, and applicants will be ranked, firstly, and third ranking will be constituted and applicants will be constituted and applicants will be already achieved in more strength.	a 180 ECTS credits and 5% of plaubject Biologie (Biology) with 6 and Mathematik (Mathematics) centially to students of other 'implications, the remaining place mponent, several courses with component. In this case, place dure. In this procedure, applicated are they become avairimarily be allocated according to the number of eir studies or of all module compathematik (Mathematics)) at according to their average grade ding to their total number of EC calculated as the sum of these trith the same ranking, places with the same ranking, places with the same number of acces will be allocated by lot. Quants with the same number of or's degree subject Biologie (Biologie (Biologie))	redits will be given of places will be acces (a minimum to ECTS credits at a each with 180 apporting' subjectes will be alloca restricted nursed on all courses and with a policial to the applicant of ECTS credits the ponents in the the time of appweighted according to the allocated according quotas: Quite Faculty of Buota 2 (25 % of public to the semester of policial according to the faculty of Buota 2 (25 % of public to the semester of the s	ren preferential consideration. E allocated to students of the Bam of one place in total) will be almost of the Bam of one place in total) will be almost of the Bachelor's ECTS credits, as part of the applits). Should the number of places ated to applicants from the other of places, there will be a unit of a module component that are y have successfully completed at deration. Its' previous academic achievency have achieved and their avesubject of Biologie (Biology) (explication. This will be done as folding to the number of ECTS creaved (quantitative ranking). The old places will be allocated accordance according to the qualitative rankuota 1 (50 % of places): total					

07-4S1PS1-152-	Molecular modelling - From DNA to Protein												
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses		V (1) +	- Ü (5)									
	Method o	of assessment	computerised practical examination (approx. 6 hours) creditable for bonus										
	Participal cation of	nts and allo- places	Stude Shoul chelor locate degre cation availa quota form r conce least of A wait Select ments rage g cludin lows: dits (of applic ding t king of Select numb the sa sters of lot. Qu Shoul	ents of the Bachelo d the module be units degree subject ed to students of the esubjects Computation of the content of the con	or's degree subject Biolised in other subjects, Biologie (Biology) with the Bachelor's degree stational Mathematics at Biology (as well as pot exceed the number of a within one module composed in the same procested in the stry), Physik (Physics), will be ranked, firstly, and, secondly, accordant in the same procested in the same	n 180 ECTS credits and 5% of planubject Biologie (Biology) with 6 and Mathematik (Mathematics) tentially to students of other 'implications, the remaining place imponent, several courses with component. In this case, place dure. In this procedure, applications will be given prevallocated as they become avair imarily be allocated according to the number of eir studies or of all module compathematik (Mathematics)) at according to their average gradeding to their total number of EC calculated as the sum of these to the same ranking, places with the same ranking, places with the same number of aces will be allocated by lot. Quants with the same number of lor's degree subject Biologie (Biologie (Biologie))	redits will be given by properties of places will be acces (a minimum to ECTS credits are ach with 180 apporting' subjects will be allocated nurs on all courses unts who alreadifferential considiable. To the applicant of ECTS credits the time of application of ECTS credits achieved accounts who allocated accounts who allocated accounts achieved achieved accounts achieved achieve	ren preferential consideration. e allocated to students of the Barm of one place in total) will be allocated to students of the Bachelor's ECTS credits, as part of the applicts). Should the number of places ated to applicants from the other of places, there will be a unit of a module component that are y have successfully completed at deration. Its' previous academic achievency have achieved and their avesubject of Biologie (Biology) (exclication. This will be done as folding to the number of ECTS creaved (quantitative ranking). The and places will be allocated accordance to the qualitative ranking to the q					

07-4S1PS2-152-	Methods in Plant Ecophysiology											
mo1	ECTS	5	Duration	1 semester	Method of grading numerical grade	Modul level	undergraduate					
			•	$\ddot{U}(4) + S(1)$								
	Method of assessment			Log (approx. 10 to 20 pages) creditable for bonus								
		oants and	Show Show Show Show Show Show Show Show	dents of the Bachelor buld the module be uselor's degree subject is ated to students of the gree subject in a	oplications exceed the number of available place of sed in other subjects, there will be two quotasts of sed in other subjects, there will be two quotasts of sed in other subjects, there will be two quotasts of sed in other subjects, there will be two quotasts of sed in other subjects, there will be two quotasts of e Bachelor's degree subject Biologie (Biology) wational Mathematics and Mathematik (Mathematics) and Mathematik (Mathematics) as well as potentially to students of oth exceed the number of applications, the remaining within one module component, several courses ourses of one module component. In this case, peter in the same procedure. In this procedure, applicant of the respective module will be given tained and places re-allocated as they become applicants will be ranked according to the number that taken during their studies or of all module try), Physik (Physics), Mathematik (Mathematics of and, secondly, according to their total number third ranking will be calculated as the sum of the earned and places will be allocated according to the earned according	ers credits will be given by the solution of places (a minimu with 60 ECTS credits atics), each with 180 er 'importing' subject of places will be allow with a restricted number of a course oplicants who alreaded a preferential consideration of ECTS credits to a components in the solution of ECTS credits to examinate the solution of ECTS credits achieves two rankings, a design of the Faculty of Ects of the Faculty of Ects of the Faculty of Ects of subject semes of subject semes 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 deration. ats' previous academic achieve- hey have achieved and their ave- subject of Biologie (Biology) (ex- plication. This will be done as fol- reding to the number of ECTS cre- eved (quantitative ranking). The and 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- ters, places will be allocated by					

Pharmaceutical Drugs in Plants 07-4S1PS3-152mo₁ **ECTS** Duration 5 1 semester Method of grading | numerical grade Modul level undergraduate $\ddot{U}(4) + S(1)$ Courses 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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus Participants and allo-15 places. Should the number of applications exceed the number of available places, places will be allocated as follows: cation of places Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration. 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 place 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 the same 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 number of ECTS credits (qualitative ranking) and, secondly, according to their total number of ECTS credits achieved (quantitative ranking). The applicants' position in a third ranking will be calculated as the sum of these two rankings, and places will be allocated according to this third ranking. Among applicants with the same ranking, places will be allocated according to the qualitative ranking or otherwise by lot. Selection process group 2 (5%): Places will be allocated according to the following quotas: Quota 1 (50 % of places): total number of ECTS credits already achieved in modules/module components of the Faculty of Biology; among applicants with the same number of ECTS credits achieved, places will be allocated by lot. Quota 2 (25 % of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. Quota 3 (25 % of places): lottery. Should the module be used only in the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits, places will be allocated according to the selection process of group 1.

07-S1-LP1-152-m01	mo1 Laboratory Practical Course I										
	ECTS 5 Duration		ion	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses	·	P (5) Mod	P (5) Module taught in: German and/or English							
	Method o	f assessme	b) lo c) or d) or e) pr f) pro max Stud cred	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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus							
	other prer		Plea	se consult with cour	se advisory service in advance.						
07-S1-Ex1-152-m01											
	ECTS 5	Durat		1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses			E (2) Module taught in: German and/or English							
		f assessme	b) lo c) or d) or e) pr f) pro max Stud cred	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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus							
	other prer			Please consult with course advisory service in advance.							
! ·	Interdisciplinary Project I										
	ECTS 5	Durat	R (5)								
		fassessme	a) w b) lo c) or d) or e) pr f) pr max Stud cred	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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus Please consult with course advisory service in advance.							
	other prer	equisites	Plea	se consult with cour	se advisory service in advance.						
minor in a Bachelor's deg	ree programme	e Biology (2015)			JMU Würzburg • generated 23-Okt-2	2025 • exam. reg. data	record B1 026 - - N 2015 page 17 / 19				

07-S2-EX2-152-	Excursion II									
mo1	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate	
	Courses			E (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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). 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 n	rerequi	sites	Please consult with course advisory service in advance.						
07-S2-IP2-152-m01			ry Project							
, ,	ECTS 10 Duratio			1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			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) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours). 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 prerequisites			Pleas	e consult with cou	rse advisory service in	advance.			

07-S2-LP2-152-	Laboratory Practical Course II											
mo1	ECTS	CTS 10 Duratio		1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	essment	P (8) Modu a) writ b) log c) ora d) ora e) pre f) prac maxin Stude Langu	le taught in: German tten examination (ap (approx. 10 to 20 pa l examination of one l examination in gro sentation (approx. 2 ctical examination (onum of 4 hours).	n and/or English oprox. 45 to 60 minutages) or e candidate each (apups of up to 3 candidate to 30 minutes) or on average approx. 2	res) or prox. 30 minutes) or dates (approx. 20 minutes per c hours; time to complete will va nd length of the assessment pr	andidate) or ry according to	subject area but will not exceed a			
	other p	rerequis	sites	Please consult with course advisory service in advance.								