

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: 2020

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)):

14-Oct-2020 (2020-99)

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		Duration	(in semesters)	Method of grading		Module level				
	Courses		To be spe	be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y							
	Method of as	ssessme	ent								
	Only after su completion o		l if applica	if applicable							
	Other prereq	uisites	if applica	if applicable							
	Participants on of places		cati- 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 cred	dits)									
07-1A1Z-	The Pl	ant King	dom									
PF-152-m01	ECTS	5	Duratio	n 19	semester	Method of grading	numerical grade	٨	Nodul level	undergraduate		
	Course	es	•	V (1.5) +	Ü (2.5)							
	Metho	d of ass	essment		written examination (approx. 60 minutes) creditable for bonus							
	other p	orerequi	sites		dmission prerequisite to assessment: exercises. Regular attendance of exercises (minimum 80%) and successful completing 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 Duratio			n 19	semester	Method of grading	numerical grade	٨	Nodul level	undergraduate		
	Courses			V (2) + Ü	(3)	,		,				
	Method of assessment				rritten examination (approx. 60 minutes) reditable 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 I	LPO I			ts) and § 41 Nr. 4 (1 ts) and § 61 Nr. 4 (1						
07-2A2GEN-	Geneti	cs, Neui	robiology	, Behavio	ır			,				
V-152-mo1	ECTS	5	Duratio	n 19	semester	Method of grading	numerical grade	٨	Nodul level	undergraduate		
	Course	es		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 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-211-	Legal a	and Ethi	cal Aspec	ts in Biolo	gical Sciences			,				
mo1	ECTS	5	Duratio	n 19	semester	Method of grading	numerical grade	٨	Nodul level	undergraduate		
	Course	es	•	V (1) + Ü	(1)	•						
	Method of assessment			written examination (approx. 30 to 60 minutes) or portfolio 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	mals	,		'				
TI-152-m01	ECTS 2	4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		,	V (1)	+ Ü (3)	•		·				
	Method	of asse	essment		en examination (ap table for bonus	oprox. 60 minutes)						
	other pre	erequis	sites		dmission prerequisite to assessment: exercises. Regular attendance (minimum 80%) and successful completion of exercies (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	gy								
KO-152-mo1	ECTS 6	6	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		,	V (2)	(2) + Ü (2)							
	Method	of asse	essment	writte credi	vritten examination (approx. 90 minutes) creditable for bonus							
	Referred	to in L	PO I	§ 61 l	61 Nr. 4							
Compulsory Electiv	ves (30 EC	TS cred	dits)									
07-M-BST-152-m01				nd Bio	statistics							
-, 20. 15201	ECTS 2		Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses				+ Ü (2)	1 0 0	1					
		of asse	essment	writte		oprox. 60 minutes)			-			
07-3A3E-	Developmental Biology of Plants											
BIOPF-152-mo1					1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		I.	V (1) + Ü (3)								
	Method	Method of assessment			written examination (approx. 60 minutes) creditable for bonus							
	other pre	erequis	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 L	PO I	§ 61	§ 61 Nr. 5							
07-2A2PHY-	Physiolo	gy of F	Prokaryo	tes		,		'				
PR-152-mo1	ECTS 2		Duratio		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
				<u> </u>								
l	Courses			V (1)	+ Ü (2)							
		of asse	essment	writte		oprox. 60 minutes)						
				writte credi Admi	en examination (ap table for bonus ssion prerequisite				successful completion of exerci-			
	Method	erequis	sites	writte credi Admi ses (a	en examination (aptable for bonus ssion prerequisite approx. 25 to 30 h	to assessment: exerci	for admission to asse		successful completion of exerci-			

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	-P0 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 asso	essment	written examination (approx. 60 minutes) creditable for bonus								
	other p	rerequi	sites				ses. Regular attendanc for admission to asses		successful completion of exerci-			
	Referred to in LPO I				§ 41 Nr. 2 § 61 Nr. 2							
07-3A3GEM-	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 asso	essment	written examination (approx. 90 minutes) creditable for bonus								
07-3A3BC-152-m01	Basic B	iochem	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-152-	The Flo	The Flora of Germany										
mo1	ECTS	7	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (1) +	$V(1) + \ddot{U}(2) + E(2.5)$							
	Method	d 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	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).								
		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 G	The Fauna of Germany												
mo1	ECTS 7	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate						
	Courses		V (1) +	- Ü (2) + E (2.5)										
	Method of ass	essment			rox. 45 minutes) and e a year, summer sen	practical identification a	ıssignment (approx. 45	5 minutes), weighted 1:1						
			credit	able for bonus										
	other prerequi	sites	attend		minimum 80%) and s			completion of exercises. Regular ses (approx. 25 to 30 hours) is a						
	Participants at cation of place		shoul Stude Shoul cheloi locate degre cation availa quota form r conce least of A wait Select ments rage good cludir lows: dits (of applied ding the sasters of lot. Question of the sasters of lot.	Id the number of appents of the Bachelor's degree subject Bird to students of the e subjects Computant-oriented subject Bird to students of the e subjects Computant-oriented subject Bird in one quota execution for the control of the control of the mill be allocated one other module control of the control of the subject Bird in process group 1 is. For this purpose, and Chemie (Chemistr First, applicants will qualitative ranking) acants' position in a too this third ranking. For otherwise by lot. It is the respective apputed the respective apputed the module be used to the subject to the respective apputed the module be used the module be used the module be used to the module to th	polications exceed the stage of the number of a stage of the number of the respectation of the respe	there will be two quotas: 180 ECTS credits and 59 ubject Biologie (Biology) and Mathematik (Mathematially to students of ot applications, the remaining mponent, several course component. In this case, dure. In this procedure, a sective module will be givallocated as they becomparished as they becompared as the sum of a control of their average ding to their total number alculated as the sum of the course of the same ranking, plant allocated according to the same ranking, plant allocated according to the course will be allocated by cants with the same number or's degree subject Biological course.	ECTS credits will be given as the following quotas: Q5 % of places will be given by the following quotas: Q5 % of places with 180 ther 'importing' subject on the places will be allocated as with a restricted nunder, places on all courses applicants who already wen preferential considue available. The property of ECTS credits the places of the following quotas: Quents of the Faculty of Both Quota 2 (25 % of places of subject semestimes of subject semestimes of subject semestimes and places of subject semestimes of subject semestimes of subject semestimes will be allocated as a control of subject semestimes of subject semestimes.	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- 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						

07-4S1N-	Neurobiology 1											
VO1-152-m01	ECTS 5	Duratio		1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Courses		Ü (4)	+ S (1)								
	Method of as	sessment	b) log c) ora d) ora e) pre f) pra maxir 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) 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 a		Stude Shou chelo locate degree cation availa quota form concelleast A wai Select ment: rage gold cluding the sate sters lot. Q Shou	Id the number of ents of the Bachel Id the module be or's degree subjected to students of the subjects Componential subjects. Should there be regulation for the erned will be allocone other module ting list will be motion process grous. For this purpose grade of all assesing Chemie (Chem First, applicants qualitative ranking to this third ranking or otherwise by location process grous of ECTS credited ame number of ECTS credited of the respective that a subject of policy of pld the module be	p 2 (5%): Places will be allocated according to the already achieved in modules/module componen CTS credits achieved, places will be allocated by loapplicant; among applicants with the same numb	TS credits will be given to be places (a minimulation of places (a minimulation of places), each with 180 er 'importing' subjects places will be allocated of the places on all courses plicants who alread no preferential consideration of ECTS credits to components in the components	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 applicates). 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. Its' previous academic achievement have achieved and their avesubject of Biologie (Biology) (explication. This will be done as folloding to the number of ECTS creaved (quantitative ranking). The number of places will be allocated accordaccording to the qualitative ranking) among applicants with places): number of subject semeters, places will be allocated by					

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	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 cation of pla		Stude Shou cheld located degree cation avails quote form concelleast A wait Select ment rage cludit lows: dits (appliating king of Select numbers) sters lot. Q Shou	Id the number of a cents of the Bachel Id the module be or's degree subjected to students of the subjected to students of the subjects. Computation one quotation for the erned will be allocone other module ting list will be mation process grous. For this purpose grade of all assessing Chemie (Chemicants' position in the this third ranking or otherwise by location process grouper of ECTS credits ame number of ECTS credits ame number of ECTS of the respective total 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.	of places will be given by the service of places (a minimu with 60 ECTS credits atics), each with 180 are 'importing' subject of places will be allocated on the service of the service of ECTS credits the components in the service of ECTS credits the service of ECTS credits the service of ECTS credits achieves the service of subject semes of the service of	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 accoraccording to the qualitative randuota 1 (50 % of places): total Biology; among applicants with places): number of subject semeters, places will be allocated by				

07-4S1N-	Functional Morphology of Arthropods										
V03-152-mo1	ECTS	5	Duration	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S	V (1)	+ Ü (5)							
	Method	d of asse		paper (approx. 5 to itable for bonus	10 pages)						
		oants and of places	Show Stude Show Show Show Show Show Show Show Show	ents of the Bachelor III the module be used to students of the ee subjects Computed an oriented subject Eable in one quota example and the east of the	oplications exceed the number of available places of segree subject Biologie (Biology) with 180 ECT seed in other subjects, there will be two quotas: 99 Biologie (Biology) with 180 ECTS credits and 5% of e Bachelor's degree subject Biologie (Biology) with ational Mathematics and Mathematik (Mathematics) and Mathematik (Mathematics) (Mat	S credits will be given to be places (a minimus th 60 ECTS credits sics), each with 180 or 'importing' subject places will be allowith a restricted nurbaces on all courses of course of ECTS credits to at the time of appeade weighted accourse to the time of appeade weighted accourse to the time of appeade weighted accourse two rankings, as will be allocated following quotas: On the second subject semes of places 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 e 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 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 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				

07-4S1M-	Basics in Light- and Electron-Microscopy												
Z1-152-m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course			V (1) +									
	Method	d of ass	essment			prox. 30 to 60 minutes)						
	D			creditable for bonus									
	Participants and allo- cation of places				s places. Hould the number of applications exceed the number of available places, places will be allocated as follows:								
	Cation	or place	3		Students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits will be given preferential consideration.								
				Shoule	d the module be us	sed in other subjects,	there will be two quotas: 95% o	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-				
				cation	n-oriented subject E	Biology (as well as pot	entially to students of other 'im	porting' subject	ts). Should the number of places				
					ailable in one quota exceed the number of applications, the remaining places will be allocated to applicants fro								
					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 o	least one other module component of the respective module will be given preferential consideration.								
							allocated as they become avail		tal musciacos a sadamais a shisto				
							rimarily be allocated according to the number of		ney 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				
									id places will be allocated accor-				
				ding to	o this third ranking				according to the qualitative ran-				
					or otherwise by lot.	(0() D I							
							allocated according to the follo odules/module components of t						
									places): number of subject seme-				
				sters o	of the respective ap	oplicant; among applic	cants with the same number of						
					uota 3 (25 % of plac				5676				
						sed only in the Bachel election process of gro		ology) with 180	ECTS credits, places will be allo-				
				cateu	according to the se	Ticchon process of gic	νυρ 1.						

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)						
					able for bonus								
	Participants and allocation of places				ces.	unlications average tha	number of available places pla	acos will bo allo	ocated as follows:				
	Cation	oi piace	:5		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.								
				Shoul	d the module be us	sed in other subjects,	there will be two quotas: 95% o	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 fron								
					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 o	least one other module component of the respective module will be given preferential consideration.								
							allocated as they become avail		tal				
							rimarily be allocated according to the number of		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				
									id 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	of the respective ap	oplicant; among appli			ers, places will be allocated by				
				lot. Quota 3 (25 % of places): lottery.									
						sed only in the Bachel election process of gro		ology) with 180	ECTS credits, places will be allo-				
				cateu	according to the St		νuρ 1.						

07-4S1M-	Specia	Special Bioinformatics 1												
Z6-152-mo1	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 end of the end to students of the end to students of the end to subject able in one quota end. Should there be, regulation for the corned will be allocation process group it in process group it in the end to the en	or's degree subject Biologiesed in other subjects, Biologie (Biology) with the Bachelor's degree stational Mathematics as Biology (as well as pot exceed the number of as within one module coourses of one module ated in the same proce component of the respintained and places red 1 (95%): Places will be ranked, firstly, and secondly, according the ranking will be can third ranking will be can third ranking will be can already achieved in more street of 2 (5%): Places will be achieved in more street of 2 (5%): Places will be achieved in more street of 2 (5%): Places will be achieved in more s	an 180 ECTS credits and 5% of planubject Biologie (Biology) with 6 and Mathematik (Mathematics) tentially to students of other 'implications, the remaining planuponent, several courses with component. In this case, place dure. In this procedure, applications will be given prevallocated as they become avairimarily be allocated according to the number of eir studies or of all module compathematik (Mathematics)) at according to their average graded ding 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 acces will be allocated by lot. Quants with the same number of lor's degree subject Biologie (Both students) and the same number of lor's degree subject Biologie (Both same subject Biologie	redits will be given of places will be aces (a minimum to ECTS credits at a each with 180 aporting' subjects will be allocated nurs on all courses ants who already eferential considerable. To the applicant of ECTS credits the time of application weighted according to the time of application of ECTS credits achies and a course of the faculty of Buota 2 (25 % of places) and a course of the faculty of Buota 2 (25 % of pla	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-	Molecula	ar modelling - F	rom DNA to Protein							
mo1	ECTS 5	Duratio	n 1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Courses		V (1) + Ü (5)							
	Method	of assessment	computerised practical examination (approx. 6 hours)							
			creditable for bonus							
		ints and allo-	18 places. Should the number of applications exceed the number of available places, places will be allocated as follows:							
	cation of	places		elor's degree subject Biologie (Biology) with 180						
			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 al-							
				of the Bachelor's degree subject Biologie (Biology						
				putational Mathematics and Mathematik (Mathe						
				ect Biology (as well as potentially to students of o ta exceed the number of applications, the remair						
				be, within one module component, several cours						
				ne courses of one module component. In this cas						
				ocated in the same procedure. In this procedure,						
			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.							
				maintained and places re-allocated as they beco oup 1 (95%): Places will primarily be allocated ac		ts' previous academic achieve-				
				ose, applicants will be ranked according to the ni						
			rage grade of all asse	essments taken during their studies or of all mod	dule components in the	subject of Biologie (Biology) (ex-				
				mistry), Physik (Physics), Mathematik (Mathema						
				s will be ranked, firstly, according to their averaging) and, secondly, according to their total numb						
				in a third ranking will be calculated as the sum o						
				king. Among applicants with the same ranking, p						
			king or otherwise by							
				oup 2 (5%): Places will be allocated according to						
			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 seme-							
				e applicant; among applicants with the same nu						
			lot. Quota 3 (25 % of			, p. 10000 20 111001101 2,				
				e used only in the Bachelor's degree subject Bio	ologie (Biology) with 180	ECTS credits, places will be allo-				
			cated according to th	ne selection process of group 1.						

07-4S1PS2-152-	Methods in Plant Ecophysiology												
mo1	ECTS	5	Duration	1 semester	Method of grading numerical grade	Modul level	undergraduate						
	Course		1, 12	$\ddot{U}(4) + S(1)$									
	Method	d of asse		Log (approx. 10 to 20 pages) creditable for bonus									
		pants and of places	Shool Stude Shool	ents of the Bachelould the module be used to students of the esubjects Comput on-oriented subject I lable in one quota estable in one quota estable in one quota estable in one quota estable in one for the color erned will be allocated one other module of iting list will be maiction process group its. For this purpose, grade of all assessing Chemie (Chemis: First, applicants will (qualitative ranking) or otherwise by lot. I ction process group ber of ECTS credits as ame number of ECT of the respective applicants 3 (25 % of plauld the module be used to students as a subject of the respective applicants 3 (25 % of plauld the module be used to students as a subject of the respective applicants and the module be used to subject of the respective applicants and the module be used to subject of the respective applicants and the module be used to subject the module to subject the module t	oplications exceed the number of available places of sed in other subjects, there will be two quotas: 95 sed in other subjects, there will be two quotas: 95 sed in other subjects, there will be two quotas: 95 sed in other subjects, there will be two quotas: 95 sed in other subject Biologie (Biology) with 180 ECTS credits and 5% of the Bachelor's degree subject Biologie (Biology) with ational Mathematics and Mathematik (Mathematics and Mathematik (Mathematics and Mathematik (Mathematics as well as potentially to students of other exceed the number of applications, the remaining points within one module component. In this case, placed in the same procedure. In this procedure, application of the respective module will be given intained and places re-allocated as they become a 1 (95%): Places will primarily be allocated according applicants will be ranked according to the number of third tranking will be ranked according to their average grand, secondly, according to their total number of third ranking will be calculated as the sum of their and papplicants with the same ranking, places and, secondly, according to their total number of third ranking will be allocated according to the falready achieved in modules/module components achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved, places will be allocated by lot. So credits achieved in modules of the fall places will be allocated according to the fall places will be alloc	S credits will be given of places (a minimula h 60 ECTS credits cs), each with 180 limporting subject places will be allowing to the applicants who alread preferential consivailable. In the at the time of application of ECTS credits to mponents in the at the time of application of the application of ECTS credits aching to the allowing to the allowing to the allowing to the at the time of application of ECTS credits aching the allocated of the Faculty of Equation of the facult	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 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- ters, places will be allocated by						

07-4S1PS3-152-	Pharmaceutical Drugs in Plants												
mo1	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	:S		Ü (4) ·	Ü (4) + S (1)								
	Method	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								
						. 20 to 30 minutes) or	imates per canalacte, or						
						(on average approx. 2 hours; time to con	nplete will vary according to	subject area but will not exceed a					
					num of 4 hours).	ed about the method and length of the as	cocomant nrior to the cours						
					able for bonus	ed about the method and length of the as	ssessment phor to the cours	e.					
		pants ar		15 pla									
	cation	of place	S			pplications exceed the number of availab							
						r's degree subject Biologie (Biology) with sed in other subjects, there will be two q							
				chelo	r's degree subject	Biologie (Biology) with 180 ECTS credits	and 5% of places (a minimu	m of one place in total) will be al-					
				locate	ed to students of th	ne Bachelor's degree subject Biologie (Bi	ology) with 60 ECTS credits	and to students of the Bachelor's					
						tational Mathematics and Mathematik (M Biology (as well as potentially to student							
			availa	able in one guota e	exceed the number of applications, the re	maining places will be alloc	cated to applicants from the other						
				quota	a. Should there be,	within one module component, several of	courses with a restricted nui	mber of places, there will be a uni-					
					ourses of one module component. In this								
						ited in the same procedure. In this proced component of the respective module will							
						intained and places re-allocated as they		deration.					
				Selec	tion process group	1 (95%): Places will primarily be allocate	ed according to the applicar	its' previous academic achieve-					
						, applicants will be ranked according to t							
						ments taken during their studies or of all stry), Physik (Physics), Mathematik (Math							
						rill be ranked, firstly, according to their a							
				dits (d	qualitative ranking)	and, secondly, according to their total r	number of ECTS credits achie	eved (quantitative ranking). The					
						third ranking will be calculated as the su							
					o this third ranking or otherwise by lot.	g. Among applicants with the same ranki	ng, places will be allocated	according to the qualitative ran-					
						2 (5%): Places will be allocated according	ng to the following quotas: (Juota 1 (50 % of places): total					
						already achieved in modules/module co							
						S credits achieved, places will be allocate							
						pplicant; among applicants with the sam	ne number of subject semes	ters, places will be allocated by					
					uota 3 (25 % of pla	ices): lottery. Ised only in the Bachelor's degree subjec	t Rinlogie (Rinlogy) with 180	FCTS credits places will be allo-					
						election process of group 1.		Leto creates, places will be allo-					

07-S1-LP1-152-m01	Labora	tory Pra	actical Co	urse I		,						
İ	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	·S		P (5) Modu	le taught in: Germ	nan and/or English						
				b) log c) ora d) ora e) pre f) prac maxin Stude	written examination (approx. 45 to 60 minutes) or o) log (approx. 10 to 20 pages) or oral examination of one candidate each (approx. 30 minutes) or one examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or opposed presentation (approx. 20 to 30 minutes) or opposed presentation (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a naximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. Creditable for bonus							
		rerequi	sites	Pleas	Please consult with course advisory service in advance.							
07-S1-Ex1-152-m01					T				-			
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course			E (2) Modu	le taught in: Germ	nan and/or English						
	Method	u oi 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 exc maximum of 4 hours). Students will be informed about the method and length of the assessment prior to the course. creditable for bonus					not exceed a			
	other p	rerequi	sites	Please consult with course advisory service in advance.								
07-S1-IP1-152-m01		sciplina	ry Project									
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			R (5) 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) 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								
	•	rerequi		Pleas	e consult with cou	ırse advisory service ir						
minor in a Bachelor's deg	ree prograi	mme Biolos	gy (2020)				JMU Würzburg • generated	d 19-Apr-2025 • exam. reg. data ı	ecord B1 026 - - N 2020	page 17 / 19		

07-S2-EX2-152-	Excursion II										
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	es	·	E (8) Modu							
	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) 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 p	rerequi	sites	Please consult with course advisory service in advance.							
07-S2-IP2-152-m01											
	ECTS 10 Duratio			n	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 p	orerequi	sites	Pleas	e consult with co	ırse advisory service in	advance.				

07-S2-LP2-152-	Labora	Laboratory Practical Course II											
mo1	ECTS	10 Duration		1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S		P (8) Module taught in: German and/or English									
	Method of assessment			b) log c) ora d) ora e) pre f) prac maxin Stude Langu	(approx. 10 to 20 pa l examination of one l examination in gro sentation (approx. 2 ctical examination (c num of 4 hours).	ages) or e candidate each (ap ups of up to 3 candid to to 30 minutes) or on average approx. 2	prox. 30 minutes) or dates (approx. 20 minutes per o hours; time to complete will va nd length of the assessment pr	ary according to	subject area but will not exceed a e.				
	other p	rerequis	sites	Pleas	e consult with cours	e advisory service in	advance.						