

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: 2013

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

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cre-

modules in this SFB: ditable for bonus.

Information on assessment procedures:

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the 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:

ASP02009

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

07-Aug-2013 (2013-109)

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 sp	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	sessm	ent								
	Only after su completion o		ıl if applic	if applicable							
	Other prereq	uisites	if applic	if applicable							
	Participants and allocation of places		ocati- if applic	if applicable							
	Additional information		ion if applic	if applicable							
	Referred to in	า LPO I	if applic	if applicable (examination regulations for teaching-degree programmes)							

Compulsory Course	es (30 ECTS credits)											
07-1A1Z-	The Plant Kingdom											
PF-132-mo1	ECTS 5 Duratio	n 1 semester Method of grading numerical grade Modul level undergraduate										
	Courses	+ Ü (no information on SWS (weekly contact hours) and course language available)										
	Method of assessment	vritten examination (approx. 60 minutes)										
	other prerequisites	dmission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the repective exercises (approx. 25 to 30 hours).										
07-1A1TI-132-m01	Evolution and the Animal Kingdom											
	ECTS 5 Duratio	n 1 semester Method of grading numerical grade Modul level undergraduate										
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)										
	Method of assessment	written examination (approx. 60 minutes)										
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).										
07-2A2GEN-	Genetics, Neurobiology	, Behaviour										
V-132-m01	ECTS 5 Duratio	n 1 semester Method of grading numerical grade Modul level undergraduate										
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)										
	Method of assessment	written examination (approx. 60 to 90 minutes)										
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).										
07-SQF-RETH-132-	Legal and Ethical Aspects in Biological Sciences											
mo1	ECTS 5 Duratio	n 1 semester Method of grading numerical grade Modul level undergraduate										
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)										
	Method of assessment	written examination (approx. 30 to 60 minutes)										
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).										
07-3A3EBIO-	Developmental Biology	of Animals										
Tl-132-m01	ECTS 4 Duratio	n 1 semester Method of grading numerical grade Modul level undergraduate										
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)										
	Method of assessment	written examination (approx. 60 minutes)										
	other prerequisites	Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).										
07-3A3OE-	Plant and Animal Ecolog	Sy .										
KO-132-mo1	ECTS 6 Duratio	n 1 semester Method of grading numerical grade Modul level undergraduate										
	Courses	V + Ü (no information on SWS (weekly contact hours) and course language available)										
	Method of assessment	written examination (approx. 90 minutes)										

Compulsory Electiv	es (30 E	CTS cre	dits)									
07-M-BST-132-m01	Mather	natical	Biology a	nd Bio	statistics							
	ECTS	4	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S	•	V + Ü	/ + Ü (no information on SWS (weekly contact hours) and course language available)							
	Method	of ass	essment	writte	vritten examination (approx. 60 minutes)							
07-3A3E-	Developmental Biology of Plants											
BIOPF-132-mo1	ECTS	4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V + Ü	(no information o	n SWS (weekly contac	t hours) and course language	available)				
	Methoc	of ass	essment	writte	en examination (a	pprox. 60 minutes)						
	other p	rerequi	sites			e to assessment: regula prox. 25 to 30 hours).	ar attendance of exercises (mi	inimum 80%) and	successful completion of the re-			
07-2A2PHY-	Physio	logy of	Prokaryot	tes				'				
PR-132-mo1	ECTS	4	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V + Ü	V + Ü (no information on SWS (weekly contact hours) and course language available)							
	Method	d of ass	essment	writte	written examination (approx. 60 minutes)							
	other p	rerequi	sites		Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).							
07-2A2PHYPF-132-	Plant Physiology											
mo1	ECTS	4	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V + Ü (no information on SWS (weekly contact hours) and course language available)								
	Methoc	of ass	essment	written examination (approx. 60 minutes)								
	other prerequisites			Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).								
07-2A2PHY-	Animal	Physio	logy					'				
Tl-132-m01	ECTS	4	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V + Ü	(no information o	n SWS (weekly contact	t hours) and course language	available)				
	Method	d of ass	essment	writte	en examination (ap	pprox. 60 minutes)						
	other prerequisites				Admission prerequisite to assessment: regular attendance of exercises (minimum 80%) and successful completion of the respective exercises (approx. 25 to 30 hours).							
07-3A3GEM-	Genes,	Molecu	iles, Tech	nolog	, ,,,							
T-132-m01	ECTS	6	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		V (no	information on S\	WS (weekly contact ho	urs) and course language ava	ilable)				
	Methoc	d of ass	essment	writte	en examination (ap	pprox. 90 minutes)						

07-3A3BC-132-m01	Basic Bio	chemistry											
	ECTS 4	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses		V + Ü	' + Ü (no information on SWS (weekly contact hours) and course language available)									
	Method of	fassessment		n examination (app									
	other prer	requisites		ssion prerequisite to ive exercises (appro		r attendance of exercises (minimum 80%) and	successful completion of the re-					
07-4A4FLO-132-	The Flora of Germany												
mo1	ECTS 7	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses					act hours) and course lang							
	Method of	fassessment			rox. 45 minutes) and e a year, summer sem	practical identification ass nester	signment (approx. 4	5 minutes), weighted 1:1					
	other prer	requisites	atten	ssion prerequisite to dance of exercises (ssion prerequisites t	minimum 80%) and s	r attendance of field trips (successful completion of th	minimum 80%) and ne respective exerci	completion of exercises. Regular ses (approx. 25 to 30 hours) are					
	Participan cation of p	nts and allo- places	follow dits. See Bache will be Bache of the ber of from the rewill poner cessful waiting primarked a studie them adding the to the lated the sa (5%): achief achief amon cation	s: Places will prima should the module belor's degree subject allocated to stude elor's degree subject application-oriente places available in the other quota. Should be a uniform regulant that are concernedly completed at least it will be maintainly be allocated according to the numbers or of all module continues or of all module continues or of all module continues or of these are ranking, places places will be allocated in modules/module, places will be allocated, places will be allocated. Should the places will be allocated, places will be allocated, places will be allocated, places will be allocated. Should the places will be allocated.	rily be allocated to stop used in other subject Biologie (Biology) wants of the Bachelor's its Computational Mad subject Biology (as one quota exceed thould there be, within eation for the courses of will be allocated in east one other module ined and places read ording to the application of ECTS credits the time of application of the time of application of the time of application of the subject of the allocated according to the dule components of the dule components of tillocated by lot. Quote same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the same number of subject in the subject of the s	ects, there will be two quot with 180 ECTS credits and 50 degree subject Biologie (B) thematics and Mathematik well as potentially to studie number of applications, so one module component, as standardised procedure component of the respect llocated as they become as ants' previous academic acrey have achieved and their bject of Biologie (Biology) ation. This will be done as fig to the number of ECTS credit (quantitative ranking). The laces will be allocated according to the qualitative ranking to the Faculty of Biology; amo a 2 (25% of places): number of ECTS with the Bachelor's degree signs the sacres with the sacres wit	egree subject Biologitas: 95% of places with of places (a minimicology) with 60 ECTS (Mathematics), each of the remaining place everal courses with a line in this case, places ive module will be given module will be giv	places, places will be allocated as gie (Biology) with 180 ECTS crevill be allocated to students of the mum of one participant in total) is credits and to students of the ch with 180 ECTS credits, as particing' subjects). Should the numes will be allocated to applicants a restricted number of places, these on all courses of a module comapplicants who already have suctiven preferential consideration. A process group 1 (95%): Places will be purpose, applicants will be rangall assessments taken during their Chemistry), Physik (Physics), Maants will be ranked, firstly, accornking) and, secondly, according in a third ranking will be calculating. Among applicants with by lot. Selection process group 2 tal number of ECTS credits already the same number of ECTS credits ters of the respective applicant; bt. Quota 3 (25% of places): allology) with 180 ECTS credits, pla-					

07-4A4FAU-132-	The Fauna of Germany												
mo1	ECTS 7	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses		V + Ü -	V + Ü + E (no information on SWS (weekly contact hours) and course language available)									
	Method of ass				rox. 45 minutes) and e a year, summer sem	practical identification assignester	gnment (approx. 45	minutes), weighted 1:1					
	other prerequi		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) are admission prerequisites to assessment.										
	Participants at cation of place	nd allo-	Numb follow dits. S Bache will be Bache of the ber of from t re will ponen cessfu waitin prima ked ac studie thema ding to the lated a the sa (5%): achiev among cation	er of places: 180. She s: Places will primare thould the module belor's degree subject a allocated to studer application-oriented places available in the other quota. Sho be a uniform regulated at that are concerned ally completed at least glist will be maintainly be allocated according to the number of Edgith (Mathematics)) at their average gradited in their average gradited in the sum of these me ranking, places places will be allocated in modules/modules, places will be a gapplicants with the by lot. Should the results of the second of the	nould the number of rily be allocated to stop used in other subject Biology) wants of the Bachelor's as Computational Mark described by the Bachelor's as Computational Mark described by the Bachelor's as Computational Mark described by the Bachelor's as the courses of will be allocated in ast one other module ined and places real ording to the application of ECTS credits the time of application at the time of application and places. The application are weighted according to the dule components of the dule components of the same number of sufficients.	udents of the Bachelor's de- ects, there will be two quota ith 180 ECTS credits and 5% degree subject Biologie (Bio- thematics and Mathematik (well as potentially to stude e number of applications, the one module component, sev- of one module component. I a standardised procedure. I component of the respective llocated as they become avaints' previous academic ach ey have achieved and their bject of Biologie (Biology) (extion. This will be done as for good to the number of ECTS credited (quantitative ranking). The access will be allocated according to the qualitative ran following quotas: Quota 1 (extince) che Faculty of Biology; amon- a 2 (25% of places): number bject semesters, places will in the Bachelor's degree suil	gree subject Biologs: 95% of places was of places (a minimology) with 60 ECTS (Mathematics), each te remaining places are remaining places of this case, places on this case, places on this procedure, are module will be guilable. Selection procedure, are well be guilable. Selection procedure, are module will be guilable. Selection procedure will be guilable. Selection procedure, are module	laces, places will be allocated as gie (Biology) with 180 ECTS credill be allocated to students of the num of one participant in total) is credits and to students of the think 180 ECTS credits, as particing' subjects). Should the number of will be allocated to applicants will be allocated to applicants a restricted number of places, theon all courses of a module complicants who already have suctiven preferential consideration. A process group 1 (95%): Places will purpose, applicants will be randlassessments taken during their Chemistry), Physik (Physics), Mants will be ranked, firstly, accorking) and, secondly, according in a third ranking will be calculating. Among applicants with any lot. Selection process group 2 allowed allowed the same number of ECTS credits already the same number of ECTS credits ers of the respective applicant; to Quota 3 (25% of places): alloogy) with 180 ECTS credits, planet.					

07-4S1N-	Neurobiology 1												
V01-132-m01	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses	S		Ü+S	(no information on S	SWS (weekly contact	hours) and course language a	vailable)					
	Method	l of ass	essment	each senta ding t	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 varies 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.								
	Particip cation o			follow dits. See Bache will be Bache of the ber of from the rewill poner cessful waiting primary ked a studie them adding the to the lated the sa (5%): achief achief amon cation	As: Places will prima should the module belor's degree subject a allocated to stude elor's degree subject application-oriente places available in the other quota. Should be a uniform regulant that are concerned ully completed at least is will be maintainly be allocated according to the numbers or of all module coatik (Mathematics)) to their average gradair total number of Edgas the sum of these ame ranking, places Places will be allocated, places will be allocated, places will be a gapplicants with the by lot. Should the interest of the sum of the second of the sum of	rily be allocated to stope used in other subjet Biologie (Biology) with the Bachelor's ts Computational Market Biology (as one quota exceed the ould there be, within cation for the courses of will be allocated in ast one other module ined and places re-alcording to the applicate ber of ECTS credits thomponents in the subject of the time of applicate weighted according to the will be allocated according to the dule components of the dule components of the dule components of the same number of subject to the same	udents of the Bachelor's degreets, there will be two quotas: ith 180 ECTS credits and 5% of degree subject Biologie (Biologie subject Biologie (Biologie subject Biologie (Biologie subject Biologie subject Biologies subject Bio	see subject Biology 95% of places we foliaces (a minimality) with 60 ECTS athematics), each of the soft of the sof	aces, places will be allocated as gie (Biology) with 180 ECTS credil be allocated to students of the num of one participant in total) acredits and to students of the thing' subjects). Should the nums will be allocated to applicants a restricted number of places, the on all courses of a module complicants who already have suctiven preferential consideration. A rocess group 1 (95%): Places will a purpose, applicants will be randl assessments taken during their Chemistry), Physik (Physics), Manats will be ranked, firstly, according and, secondly, according an in a third ranking will be calculating. Among applicants with by lot. Selection process group 2 allowed and the respective applicant; t. Quota 3 (25% of places): allology) with 180 ECTS credits, pla-				

07-4S1N-	Integrative B	Integrative Behavioral Biology 1												
V02-132-m01	ECTS 5	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate							
	Courses	V +	S (no information on	SWS (weekly contact	hours) and course langı	uage available)								
	Method of as	eac sen ding ass	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 varies 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.											
	Participants a cation of place	tes follo dits Bac will Bac of the study for	ows: Places will prima is. Should the module chelor's degree subject the application-orient of places available in the other quota. Should be a uniform regulation that are concerned fully completed at letting list will be maint marily be allocated acting list will be maint matik (Mathematics)) go to their average graheir total number of End as the sum of these same ranking, places so): Places will be allocated, places will be long applicants with the long applicants with the lon by lot. Should the	arily be allocated to stop be used in other subject Biologie (Biology) wents of the Bachelor's cts Computational Maked subject Biology (as none quota exceed thould there be, within lation for the courses ed will be allocated in east one other module ained and places re-according to the application for the subject of ECTS credits the components in the subject weighted according to the subject will be allocated according to the course at the time of application for the course at the time of application at the time of according to the odule components of the course at the time of application at the time of a located according to the odule components of the same number of subject to the same number of subject to the course of the same number of subject to the course of the same number of subject to the course of the	ects, there will be two quith 180 ECTS credits and degree subject Biologie thematics and Mathematics and Mathematics and Mathematics and Mathematics and Mathematics are number of application one module component of one module component of one module component of the respellocated as they become a standardised procedule component of the respellocated as they become ants' previous academic ney have achieved and the bject of Biologie (Biologiation. This will be done as to the number of ECTS (quantitative ranking). It is accessed to the qualitative following quotas: Quotate a 2 (25% of places): nursipiect semesters, places in the Bachelor's degre	s degree subject Biology uotas: 95% of places with 5% of places (a mining et (Biology) with 60 ECTS atik (Mathematics), each tudents of other 'imports, the remaining places, several courses with sent. In this case, places are. In this procedure, a ective module will be go available. Selection per achievements. For this cheir average grade of a style (excluding Chemie (as follows: First, applicated to coording to this third representation of subject semests at (50% of places): to mong applicants with the modern of subject semests will be allocated by lower the service of subject semests will be allocated by lower the service of subject semests will be allocated by lower the service of subject semests will be allocated by lower the service of subject semests will be allocated by lower the service of subject semests will be allocated by lower the service of subject semests will be allocated by lower the service of subject semests and service of subject semests will be allocated by lower the service of subject semests and service of subject semests are subject semests.	aces, places will be allocated as gie (Biology) with 180 ECTS crewill be allocated to students of the num of one participant in total) are credits and to students of the ch with 180 ECTS credits, as particing' subjects). Should the nums will be allocated to applicants a restricted number of places, these on all courses of a module complicants who already have succiven preferential consideration. A process group 1 (95%): Places will be purpose, applicants will be rangall assessments taken during their Chemistry), Physik (Physics), Maants will be ranked, firstly, accornicing) and, secondly, according in a third ranking will be calculated and the complex process group 2 tall number of ECTS credits already the same number of ECTS credits ters of the respective applicant; it. Quota 3 (25% of places): allology) with 180 ECTS credits, pla-							

07-4S1N-**Functional Morphology of Arthropods** V03-132-mo1 ECTS Method of grading | numerical grade Modul level 5 Duration 1 semester undergraduate Courses V + Ü (no information on SWS (weekly contact hours) and course language available) Method of assessment | term paper (approx. 5 to 10 pages) Number of places: 20. Should the number of applications exceed the number of available places, places will be allocated as Participants and allofollows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS crecation of places dits. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one participant in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. A waiting list will be maintained and places re-allocated as they become available. Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the 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): allocation by lot. 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.

07-4S1M-	Basics in Light- and Ele	ctron-Microscopy				
Z1-132-mo1	ECTS 5 Duration		Method of grading	numerical grade	Modul level	undergraduate
	Courses	V + Ü (no information	on SWS (weekly contact	hours) and course language a	available)	
	Method of assessment	written examination (approx. 30 to 60 minutes	5)		
	Participants and allocation of places	Number of places: 18 follows: Places will prodits. Should the mode Bachelor's degree sull will be allocated to st Bachelor's degree sull of the application-orion ber of places available from the other quota. The will be a uniform reponent that are concessfully completed a waiting list will be maprimarily be allocated ked according to the studies or of all mode thematik (Mathematid ding to their average to their total number lated as the sum of the same ranking, placed (5%): Places will be a achieved in modules, achieved, places will among applicants wit cation by lot. Should	imarily be allocated to signarily be allocated in other subject Biology (as ein one quota exceed the Should there be, within ingulation for the courses erned will be allocated in the least one other module intained and places real according to the application of ECTS credits the components in the subject weighted according to the time of application of ECTS credits achieved according to the components of the same number of subject allocated by lot. Quot the same number of subject in the subject in	pplications exceed the number depends of the Bachelor's degrects, there will be two quotas with 180 ECTS credits and 5% of degree subject Biologie (Biologie and Mathematics and Mathematik (Most well as potentially to student enumber of applications, the one module component, several of one module component. In a standardised procedure. In a component of the respective allocated as they become available to Biologie (Biology) (expected for Biologie (Biology) (expected for Biologie (Biology)) (expected for Biologie (Biology)). The application. This will be done as folling to the number of ECTS crediction (quantitative ranking). The application of the qualitative ranking following quotas: Quota 1 (50 the Faculty of Biology; among a 2 (25% of places): number of biologic semesters, places will be in the Bachelor's degree sub	ree subject Biolo : 95% of places were places (a minition on the places), early to the places with this case, places this procedure, and ule will be glable. Selection procedure grade of a cluding Chemie (ows: First, applicate (qualitative rail of the places); to applicants with of subject semes on a places); to applicants with of subject semes on a place of a cluding chemie (ows: First, applicate (qualitative rail of cluding to this third rail of the places); to applicants with of subject semes on a place of places of pl	aces, places will be allocated as gie (Biology) with 180 ECTS crewill be allocated to students of the mum of one participant in total) S credits and to students of the ch with 180 ECTS credits, as partering' subjects). Should the numbers will be allocated to applicants a restricted number of places, these on all courses of a module comapplicants who already have succiven preferential consideration. A process group 1 (95%): Places will so purpose, applicants will be ranall assessments taken during their (Chemistry), Physik (Physics), Manants will be ranked, firstly, accornking) and, secondly, according in a third ranking will be calculariting. Among applicants with by lot. Selection process group 2 tal number of ECTS credits already the same number of ECTS credits already the same number of ECTS credits, planloy with 180 ECTS credits

07-4S1M-**Analysis of Chromosomes** Z2-132-mo1 **ECTS** ۱5 Duration 1 semester Method of grading | numerical grade Modul level undergraduate Courses V + Ü (no information on SWS (weekly contact hours) and course language available) Method of assessment | written examination (approx. 30 to 60 minutes) Number of places: 18. Should the number of applications exceed the number of available places, places will be allocated as Participants and allofollows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS crecation of places dits. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one participant in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. A waiting list will be maintained and places re-allocated as they become available. Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the 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): allocation by lot. 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.

07-4S1M-	Special Bioi	nformatics	1					
Z6-132-mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses		V + Ü	(no information on	SWS (weekly contact	hours) and course language	available)	
	Method of a	ssessment		pprox. 10 to 20 pag uage of assessment	ges) :: German or English			
	Participants cation of pla		follow dits. See Bache will be Bache of the ber of from re will ponel cessf waitin prima ked a studie them ding to the lated the se (5%): achie achie amon cation	vs: Places will prima Should the module elor's degree subject allocated to stude elor's degree subject application-orient for places available in the other quota. Shal be a uniform regulant that are concerned ully completed at least list will be maint arily be allocated according to the number of all module of their average grassir total number of East the sum of these ame ranking, places are places will be allocated in modules/moved, places will be applicants with the by lot. Should the	arily be allocated to so be used in other subject Biologie (Biology) wents of the Bachelor's cts Computational Maked subject Biology (as none quota exceed thould there be, within lation for the courses ed will be allocated in east one other module ained and places re-according to the application for the subject to the time of application of ECTS credits the components in the subject weighted according to the subject will be allocated according to the odule components of allocated by lot. Quot he same number of subject in the same number of subject will be allocated by lot. Quot he same number of subject in the same number of subject will be allocated by lot.	tudents of the Bachelor's degreets, there will be two quota- with 180 ECTS credits and 5% degree subject Biologie (Biouthematics and Mathematik (see well as potentially to studer the number of applications, thone module component, severaged of one module component. In a standardised procedure. In a standardised procedure. In a standardised procedure and their decomponent of the respectively decomponent of the respectively decomponent of the respectively have achieved and their decomponent of ECTS credit (quantitative ranking). The alaces will be allocated according to the qualitative ranking following quotas: Quota 1 (Secondary of Biology; among the Faculty of Biology; among the Bachelor's degree subject semesters, places will in the Bachelor's degree subject semesters, degree subject semesters, degree subject semesters, degree subject semesters, degree subject semesters.	gree subject Biolo s: 95% of places voor of places (a minimalogy) with 60 ECT (Mathematics), earners of other 'impore remaining place eral courses with an this case, places in this procedure, are module will be goilable. Selection procedure, are module will be goilable. Selection procedure, are module will be goilable. For this average grade of a xcluding Chemie (allows: First, application of control of the position of subject semes of subject semes be allocated by lower services of the subject semes of subject	aces, places will be allocated as gie (Biology) with 180 ECTS crewill be allocated to students of the mum of one participant in total) S credits and to students of the ch with 180 ECTS credits, as particiting' subjects). Should the number will be allocated to applicants a restricted number of places, these on all courses of a module comapplicants who already have sucgiven preferential consideration. A process group 1 (95%): Places will se purpose, applicants will be rangall assessments taken during their (Chemistry), Physik (Physics), Manants will be ranked, firstly, accornking) and, secondly, according in a third ranking will be calcuanking. Among applicants with by lot. Selection process group 2 tal number of ECTS credits already the same number of ECTS credits ters of the respective applicant; of the cology) with 180 ECTS credits, planlogy) with 180 ECTS credits, planlogy) with 180 ECTS credits, planlogy)

Molecular modelling - From DNA to Protein 07-4S1PS1-132mo1 **ECTS** 5 Duration 1 semester Method of grading | numerical grade Modul level undergraduate Courses V + Ü (no information on SWS (weekly contact hours) and course language available) Method of assessment | computerised practical examination (approx. 6 hours) Number of places: 18. Should the number of applications exceed the number of available places, places will be allocated as Participants and allofollows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS crecation of places dits. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one participant in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. A waiting list will be maintained and places re-allocated as they become available. Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the 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): allocation by lot. 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.

07-4S1PS2-132-Methods in Plant Ecophysiology mo₁ **ECTS** ۱5 Duration 1 semester Method of grading | numerical grade Modul level undergraduate Courses Ü + S (no information on SWS (weekly contact hours) and course language available) Method of assessment log (approx. 10 to 20 pages) Participants and allo-Number of places: 15. Should the number of applications exceed the number of available places, places will be allocated as follows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS crecation of places dits. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one participant in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. A waiting list will be maintained and places re-allocated as they become available. Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the 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): allocation by lot. 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.

Pharmaceutical Drugs in Plants 07-4S1PS3-132mo₁ **ECTS** Duration 5 1 semester Method of grading | numerical grade Modul level undergraduate Courses Ü + S (no information on SWS (weekly contact hours) and course language available) 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 varies 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. Participants and allo-Number of places: 15. Should the number of applications exceed the number of available places, places will be allocated as cation of places follows: Places will primarily be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits. Should the module be used in other subjects, there will be two quotas: 95% of places will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 180 ECTS credits and 5% of places (a minimum of one participant in total) will be allocated to students of the Bachelor's degree subject Biologie (Biology) with 60 ECTS credits and to students of the Bachelor's degree subjects Computational Mathematics and Mathematik (Mathematics), each with 180 ECTS credits, as part of the application-oriented subject Biology (as well as potentially to students of other 'importing' subjects). Should the number of places available in one quota exceed the number of applications, the remaining places will be allocated to applicants from the other quota. Should there be, within one module component, several courses with a restricted number of places, there will be a uniform regulation for the courses of one module component. In this case, places on all courses of a module component that are concerned will be allocated in a standardised procedure. In this procedure, applicants who already have successfully completed at least one other module component of the respective module will be given preferential consideration. A waiting list will be maintained and places re-allocated as they become available. Selection process group 1 (95%): Places will primarily be allocated according to the applicants' previous academic achievements. For this purpose, applicants will be ranked according to the number of ECTS credits they have achieved and their average grade of all assessments taken during their studies or of all module components in the subject of Biologie (Biology) (excluding Chemie (Chemistry), Physik (Physics), Mathematik (Mathematics)) at the time of application. This will be done as follows: First, applicants will be ranked, firstly, according to their average grade weighted according to the 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): allocation by lot. 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-LP1-132-m01	Labora	tory Pra	ctical Co	ırse l				,			
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		P (no	information on SWS		urs) and course language	e available)			
	Method of assessment			each senta ding t	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 varies 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.						
	other p	rerequis	sites	Pleas	e consult with acade	emic advisory servic	e in advance.				
07-S1-Ex1-132-m01	Excursi	ion I						·			
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S	•	E (no	information on SWS	(weekly contact ho	urs) and course language	e available)			
				each senta ding t asses	written examination (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate ach (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) preentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete varies accoring 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.						
	other p	rerequis	sites	Pleas	e consult with acade	emic advisory servic	e in advance.				
07-S1-IP1-132-m01	Interdi	sciplina	ry Project								
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		R (no	information on SWS	(weekly contact ho	urs) and course language	e available)			
	Method	d of asse	essment	each senta ding t	(approx. 30 minutes) tion (approx. 20 to 3) or d) oral examina to minutes) or f) pra rill not exceed a max	tion in groups of up to 3 octical examination (on av	candidates (approx. 20 verage approx. 2 hours	l examination of one candidate o minutes per candidate) or e) pre- ; time to complete varies accor- pout the method and length of the		
	other p	rerequis	sites	Pleas	e consult with acade	emic advisory servic	e in advance.				
07-5EP-132-m01	Externa	al Practi	cal Cours	e							
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Course	S		P (no	information on SWS	(weekly contact ho	urs) and course language	e available)			
	Method	d of asse	essment	each senta ding t	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 varies 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.						
	other p	rerequis	sites	Pleas	e consult with acade	emic advisory servic	e in advance.				

07-S2-EX2-132-	Excurs	ion II									
mo1	ECTS	10	Duratio	1	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	S	•	E (no	E (no information on SWS (weekly contact hours) and course language available)						
	Method	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 varies 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.						
	other p	rerequi	sites	Pleas	e consult with acad	emic advisory service in advance.					
07-S2-IP2-132-m01	Interdi	sciplina	ry Projec	t II							
	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	S		R (no	R (no information on SWS (weekly contact hours) and course language available)						
	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 e) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete varies 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.							
	other prerequisites			Please consult with academic advisory service in advance.							
07-S2-LP2-132-	Labora	tory Pra	ctical Co	urse II							
mo1	ECTS	10	Duration	-	1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	S		P (no information on SWS (weekly contact hours) and course language available)							
	Method	d of ass	essment	each senta ding t	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 varies 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.						
	other p	rerequi	sites	Pleas	e consult with acad	emic advisory service in advance.					