

# **Annex SFB**

## Studienfachbeschreibung (subject description, SFB) for the subject Biochemistry as a Master's with 1 major with the degree "Master of Science" (120 ECTS credits)

**Responsible:** Faculty of Medicine Examination regulations version: 2017 Responsible: Faculty of Chemistry and Pharmacy Examination regulations version: 2017 Abbreviations used: Course types:  $\mathbf{E} = \text{field trip}$ ,  $\mathbf{K} = \text{colloquium}$ ,  $\mathbf{O} = \text{conversatorium}$ ,  $\mathbf{P} = \text{placement/lab course}$ ,  $\mathbf{R} = \text{project}$ ,  $\mathbf{S} = \text{seminar}$ ,  $\mathbf{T} = \text{tutorial}$ ,  $\mathbf{U} = \text{exercise}$ ,  $\mathbf{V}$ = lecture Term: **SS** = summer semester. **WS** = winter semester Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed Regulations: (L)ASPO = general academic and examination regulations (for teaching-degree programmes), FSB = subject-specific provisions, SFB = list of modules Other: A = thesis, LV = course(s), PL = assessment(s), TN = participants, VL = prerequisite(s) Conventions for the Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cremodules in this SFB: ditable for bonus. Information on Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the meassessment procedures: thod of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner. Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below. Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

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

#### ASPO2015

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

05-Jul-2017 (2017-43)

27-Mar-2019 (2019-19)

24-Mar-2020 (2020-25)

### 13-Dec-2023 (2023-110)

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 l	evel		
	Courses		To be sp	b 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 of		l if applica	ible					
	Other prereq	uisites	if applica	able					
	Participants and allocation of places		ocati- if applica	ible					
	Additional information		on if applica	able					
	Referred to in	n LPO I	if applica	ble (examination re	gulations for teachin	g-degree programmes)			

Compulsory Electives 1 (50 ECTS credits) Focus - Molecular Life-Sciences (50 ECTS credits) Subfield - Structural and Functional Biochemistry (30 ECTS credits) o8-MBC-**RNA** worlds RNAW-152-m01 ECTS Duration Modul level 5 1 semester Method of grading numerical grade graduate V(1) + S(1)Courses Module taught in: German or English Method of assessment a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx, 30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German and/or English 08-MBC-LCP-152-Life cycle of proteins m01 ECTS 5 Duration 1 semester Method of grading numerical grade Modul level graduate V(1) + S(1)Courses Module taught in: German or English Method of assessment a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German and/or English Structure and function of RNA-protein complexes 08-MBC-RNP-152mo1 Method of grading numerical grade ECTS 10 Duration 1 semester Modul level graduate Ü (6) Courses Module taught in: German or English Method of assessment a) log (20 to 30 pages) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter semester

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08-MBC-PQK-152-	Proteir	n quality	/ control						·	
m01	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	2S		Ü (6) Module taught in: German or English						
	Metho	d of ass	essment	a) log (20 to 30 pages) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
08-MBC-MK-152-	Macro	molecul	ar Crystal	lograp	hy					
m01	ECTS	10	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	25		V (2) + Ü (1) + P (5) Module taught in: German or English						
	Metho	d of ass	essment	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
08-MBC-MSP-152-	Mass-S	Spectro	metry and	Prote	omics					
m01	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	es		V (2) + S (1) + P (2) Module taught in: German or English						
	Method of assessment			<ul> <li>a) written examination (approx. 45 to 90 minutes) or</li> <li>b) log (20 to 30 pages) or</li> <li>c) oral examination of one candidate each (20 to 30 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>e) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>						
	Participants and allo- cation of places			applic	cants with the same		mesters, places will be		ber of subject semesters. Among iting list will be maintained and	

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08-MCM3-152-m01	Drug de	esign									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	Courses			S (2) + Ü (1) Module taught in: German or English						
	Methoo	d of ass	essment	presentation with discussion (approx. 30 minutes) Language of assessment: German and/or English							
	Participants and allo- cation of places		the sa will b ted by ding t	20 places. 4 places for students of the Master's degree programme Chemie (Chemistry): Places will be allocated according to the same number of subject semesters; students who have chosen Medizinische Chemie (Medicinal Chemistry) as their focus will be given preferential consideration; among applicants with the same number of subject semesters, places will be alloca- ted by lot.; 6 places for students of the Master's degree programme Biochemie (Biochemistry): Places will be allocated accor- ding to the number of subject semesters; among applicants with the same number of subject semesters, places will be alloca- ted by lot; a waiting list will be maintained and places re-allocated by lot as they become available.							
03-MBC-PBP-172-	Biophy	sics of	Proteins								
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			V (2) + S (1) + P (2) Module taught in: English							
	Method of assessment			<ul> <li>a) written examination (approx. 45 to 90 minutes) or</li> <li>b) log (20 to 30 pages) or</li> <li>c) oral examination of one candidate each (20 to 30 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>e) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> </ul>							
	Participants and allo- cation of places			Bioch	emie (Biochemistry	) Master's: 63 places					
08-MBC-EMV-172-	Electro	n micro	scopy an	d imag	e processing in stru	ictural biology					
m01	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (1) + S (1) Module taught in: German or English							
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English							

08-MBC-EMP-172-	Practical	course of elec	tron microscopy an	d image processing						
m01	ECTS 10	Duratio	n 1 semester	Method of grading	g numerical grade	Modul level	graduate			
	Courses		P (8) Module taught in: German or English							
	Method o	fassessment	a) log (20 to 30 pages) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, summer semester							
08-MBC-FPV-232-	Functiona	l Proteomics:	<b>Deciphering Protei</b>	n Worlds						
m01	ECTS 5	Duratio	n 1 semester	Method of grading	g numerical grade	Modul level	graduate			
	Courses			V (1) + S (1) Module taught in: German or English						
	Method o	f assessment	b) oral examination c) oral examination d) presentation (2) Students will be in Language of asse	ation (30 to 60 minutes; als on of one candidate each (3 on in groups of up to 3 cand to to 45 minutes) nformed about the method ssment: German and/or En ed: Once a year, winter sem	o to 60 minutes) or idates (30 to 60 minutes , length and scope of the glish		ie course.			
08-MBC-FPP-232-	The Funct	ional Proteon	ne: Organization, M	odulation and Dynamics						
m01	ECTS 10	Duratio	n 1 semester	Method of grading	g numerical grade	Modul level	graduate			
	Courses		Ü (6) Module taught in: German or English							
	Method o	f assessment	<ul> <li>a) log (approx. 10 to 20 pages) or</li> <li>b) oral examination of one candidate each (30 to 60 minutes) or</li> <li>c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or</li> <li>d) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>							
	other prer	equisites	Students are high	ly recommended to comple	ete module o8-MBC-FPV i	in the same semester.				
	Participar cation of p	its and allo- places	Students are highly recommended to complete module o8-MBC-FPV in the same semester. 12 Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.							

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07-MS2B-	Biophysics	s and Molecu	lar Biot	echnology					
T-152-m01	ECTS 10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses		V (2) - Modu	+ S (1) le taught in: English	1				
	Method of	assessment	<ul> <li>a) written examination (30 to 60 minutes, including multiple choice questions) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (30 to 60 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> </ul>						
08-MBC-LIT1-152-	Literature	seminar 1							
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	·	S (2) Modu	le taught in: Germa	n or English				
	Method of	assessment		ntation (20 to 40 m lage of assessment	inutes) : German and/or Engl	ish			
03-98-SCB-192-	Single Cell	Biology							
m01	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses		Modu	) + Ü (0,5) le taught in: Englisł					
	Method of	assessment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus						
	Participant cation of p	s and allo- laces	M.Sc. M.Sc.	Biomed: 15 Biochem: 15 Biowis: 10 tion process: alloca	tion by lot				
Subfield - Molecula	ar and Medio	cal Cell Biolo	gy (20	ECTS credits)					
03-MS2H-	Human gei	netics							
G-152-m01	ECTS 10	Duratio	n	2 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses		V (2) - Modu	+ S (2) le taught in: Germa	n or English				
	Method of	assessment	b) ora c) ora	l examination of on l examination in gro	pprox. 45 to 90 minut e candidate each (20 oups of up to 3 candic : German and/or Engl	to 30 minutes) or lates (15 to 30 minutes per car	ndidate)		
08-PH-KAC-152-	Clinical-an	alytical Chei	mistry						
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses		V (3)						
	Method of	assessment		n examination (app lage of assessment	rox. 120 minutes) : German and/or Engl	ish			
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08-PH-KACP-152-	Practical course of clinical-analytical Chemistry										
m01	ECTS	5	Duratio	1	1 semester	Method of gradir	g (not) successfully complete	ed Modul level	undergraduate		
	Courses	;		P (5)	· (5)						
	Method	ofasse	essment	and a	Vortestate/Nachtestate (pre and post-experiment examination talks approx. 15 minutes each, log approx. 5 to 10 pages each) and assessment of practical performance (2 to 4 random examinations) Language of assessment: German and/or English						
07-MS2M1-152-	Microbiology 1										
mo1	ECTS	10	Duratio	า	1 semester	Method of gradir	g numerical grade	Modul level	graduate		
	Courses	i		V (2)	+ S (1)						
	Method of assessment			b) ora c) ora	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English						
	Particip cation o			appli	cants with the same	y), Master's: 15 plac e number of subject t as they become a	semesters, places will be allo	cording to the nun cated by lot. A wa	nber of subject semesters. Among iting list will be maintained and		
07-MS2M2-152-	Microbi	ology 2	2								
m01	ECTS 10 Duration			ı	1 semester	Method of gradir	g numerical grade	Modul level	graduate		
	Courses			V (2)	+ S (1)						
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English							
	Particip cation o			appli	cants with the same		semesters, places will be allo		iber of subject semesters. Among iting list will be maintained and		
07-MS2INF-	Infectio	n Biolo	gy for Bio	ochem	istry Students						
BC-191-m01	ECTS	5	Duratio		1 semester	Method of gradir	g numerical grade	Modul level	graduate		
	Courses			V (2) Module taught in: German and/or English							
	Method of assessment			c) ora d) ora Stude Lang	tten examination (30 to 60 minutes; also multiple choice) or l examination of one candidate each (30 to 60 minutes) or l examination in groups of up to 3 candidates (30 to 60 minutes) nts will be informed about the method, length and scope of the assessment prior to the course. lage of assessment: German and/or English						
	other prerequisites			Mayı	not be combined wi	ith 07-MS2M1.					

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07-MS2PA-BC-191-	Pathog	genicity	of Microo	organisms for Biochemistry Students							
m01	ECTS	5	Duratior	I	1 semester	Method of gradi	ng numerical grade	Modul level	graduate		
	Course	S		V (2) Module taught in: German and/or English							
	Methoo	Method of assessment			a) written examination (30 to 60 minutes; also multiple choice) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German and/or English						
	other p	orerequi	sites	May r	not be combined w	vith 07-MS2M2.					
03-MS2IM1-152-	Immun	ology 1									
m01	ECTS	10	Duratior		1 semester	Method of gradi	ng numerical grade	Modul level	graduate		
	Course	Courses			+ S (2) Ile taught in: Engli	sh					
	Methoo	Method of assessment			<ul> <li>a) written examination (approx. 45 to 90 minutes) or</li> <li>b) log (20 to 30 pages) or</li> <li>c) oral examination of one candidate each (20 to 30 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>e) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>						
	Participants and allo- cation of places			Biochemie (Biochemistry), Master's: 3 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.							
03-MS2IM2-152-	Immunology 2										
m01	ECTS	10	Duratior	I	1 semester	Method of gradi	ng numerical grade	Modul level	graduate		
	Course	S		V (1) + S (2) Module taught in: English							
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, summer semester							
		pants ar of place		Biochemie (Biochemistry), Master's: 3 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.							

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03-MS2V1-152-	Virolog	3y 1			_						
m01	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S			V (1) + S (2) Module taught in: English						
	Method	d of ass	sessment	b) ora c) ora Lang	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
	Particip cation		nd allo- es	appli	Biochemie (Biochemistry), Master's: 3 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
03-MS2V2-152-	Virolog	şy 2									
m01	ECTS	10	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S			V (1) + S (2) Module taught in: English						
	Method	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
		Participants and allo- cation of places			Biochemie (Biochemistry), Master's: 3 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
03-98-PBG-152-	Bacteri	ial gene	etics - Infe	ctiolo	gy						
m01	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	undergraduate			
	Course	S		V (1)	$V(1) + S(1) + \ddot{U}(4)$						
	Methoo	d of ass	sessment	<ul> <li>a) written examination (approx. 45 to 90 minutes) or</li> <li>b) log (20 to 30 pages) or</li> <li>c) oral examination of one candidate each (20 to 30 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>e) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> </ul>							
		pants a of place	nd allo- es	Biochemie (Biochemistry), Master's: 4 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.							

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03-98-MVKB-152-	Cardio	ardiovascular Biology												
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	es		V (2) Modu	le taught in: Germar	n/English								
		d of asse		b) log c) ora d) ora e) pre Stude Langu	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German or English Assessment offered: Once a year, winter semester									
03-98-MV-	Molec	ular Onc	ology											
MO-152-m01	ECTS 5 Duratio			<u>n</u>	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	es		V (2) Modu	le taught in: Germar	n/English								
		d of asse		b) log c) ora d) ora e) pre Stude Langu	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German or English Assessment offered: Once a year, winter semester									
03-ONC-CLIN-152-		al Oncolo	gy											
m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	es		V (2) Modu	le taught in: Germar	n or English								
	Method of assessment			<ul> <li>a) written examination (30 to 60 minutes) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> </ul>										

03-98-MV-	Stem C	ell Biol	ogy									
SZ-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S		V (2) Modu	V (2) Module taught in: German/English							
	Metho	d of ass	essment	b) log c) ora d) ora e) pre Stude Lang	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German or English Assessment offered: Once a year, summer semester							
03-98-MV-	Clinica	l Neuro	biology									
KN-152-m01	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S			+ S (2) lle taught in: Englisl	h						
				c) ora d) pre Stude Langu	<ul> <li>b) oral examination of one candidate each (30 to 60 minutes) or</li> <li>c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or</li> <li>d) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: English</li> </ul>							
03-98-MVTF-152-	Tissue Engineering / Functional Materials											
m01	ECTS 5 Duratio							graduate				
	Courses			V (2) Modu	Module taught in: German/English							
	Metho	d of ass	essment	b) log c) ora d) ora e) pre Stude Lang	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German or English Assessment offered: Once a year, winter semester							
08-MBC-LIT2-152-	Literat	ure sem	inar 2									
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Module taught in: German or English								
	Metho	d of ass	essment		presentation (20 to 40 minutes) Language of assessment: German and/or English							

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03-MBC-TG-161-	Tumo	r Genetic	s							
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Cours	es		V (1) + Modu	+ S (1) Ile taught in: Engl	ish				
	Metho	od of asse	essment	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English						
Focus - Molecular (	Oncolo	gy (50 EC	TS credit	s)						
Subfield - Tumor Bi	iology (	35 ECTS	credits)							
03-98-MV-	Moleo	ular Onc	ology							
MO-152-m01	ECTS 5 Durati		Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate	
	Cours	es		V (2) Module taught in: German/English						
		od of asso		<ul> <li>a) written examination (30 to 60 minutes) or</li> <li>b) log (approx. 10 to 20 pages) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or</li> <li>e) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>						
03-ONC-CLIN-152-		al Oncolo	~				-			
m01	ECTS	5	Duratio	-	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Cours	es		V (2) Modu	le taught in: Gern	nan or English				
	Metho	od of asse	essment	<ul> <li>a) written examination (30 to 60 minutes) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> </ul>						

mo1	Oncolog	•	1	_					Leve durate				
	ECTS Courses	5	Duration	S (1)	1 semester	Method of grading n	imerical grade	Modul level	graduate				
	Method	ofasse	essment	Module taught in: German or English a) written examination (approx. 45 to 90 minutes) or b) presentation (20 to 40 minutes) Language of assessment: German and/or English									
	Participa cation of			Bioch appli	Biochemie (Biochemistry), Master's: 18 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.								
03-ONC-SEM2-152-	Oncology Seminar 2												
m01	ECTS	5	Duratio	n	1 semester	Method of grading n	umerical grade	Modul level	graduate				
	Courses			S (1) Modu	lle taught in: Ger	man or English							
	Method	of asse	essment	b) pre	a) written examination (approx. 45 to 90 minutes) or b) presentation (20 to 40 minutes) Language of assessment: German and/or English								
	Participa cation of			appli	Biochemie (Biochemistry), Master's: 18 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.								
03-ONC-TUMP-152-	Experim	ental T	umor Bio	logy									
m01	ECTS	10	Duratio	n	1 semester	Method of grading n	umerical grade	Modul level	graduate				
	Courses			P (8) Modu	Ile taught in: Geri	man or English							
	Method	of asse	essment	b) pre	g (20 to 30 pages esentation (20 to uage of assessme		1						
	Participants and allo- cation of places			Biochemie (Biochemistry), Master's: 18 places. Places will be allocated according to the number of subject semesters. applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained places re-allocated by lot as they become available.									
03-ONC-LAB1-152-	Lab rota	tion O	ncology										
m01	ECTS	5	Duration	n	1 semester	Method of grading n	umerical grade	Modul level	graduate				
	Courses			P (6) Modu	lle taught in: Ger	man or English		· · · · ·					
	Method	ofasse	essment	a) Log (20 to 30 pages) or b) presentation (20 to 40 minutes) Language of assessment: German and/or English									
				Langu	lage of assessme	che ochnan ana/or Englist		Biochemie (Biochemistry), Master's: 18 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.					
	Participa cation of			Bioch appli	emie (Biochemis cants with the sa	stry), Master's: 18 places. P me number of subject sem	laces will be allocate esters, places will be						

o8-MBC-	RNA w	orlds									
RNAW-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			V (1) + S (1) Module taught in: German or English						
	Metho	d of ass	essment	b) log c) ora d) ora e) pre Stude	<ul> <li>a) written examination (30 to 60 minutes) or</li> <li>b) log (approx. 10 to 20 pages) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or</li> <li>e) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> </ul>						
8-MBC-LCP-152-	Life cy	cle of pi	roteins			, 0					
101	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course			V (1) - Modu	- S (1) le taught in: Germa	n or English			1-		
	Metho	d of ass	essment	b) log c) ora d) ora e) pre Stude	<ul> <li>a) written examination (30 to 60 minutes) or</li> <li>b) log (approx. 10 to 20 pages) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or</li> <li>e) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> </ul>						
8-MBC-RNP-152-	Structu	ire and	function o	of RNA	protein complexes						
101	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		Ü (6) Modu	le taught in: Germa	n or English					
	Metho	d of ass	essment	<ul> <li>a) log (20 to 30 pages) or</li> <li>b) oral examination of one candidate each (20 to 30 minutes) or</li> <li>c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>d) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>							

08-MBC-PQK-152-	Proteir	n quality	/ control										
m01	ECTS	10	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		Ü (6) Madula tauaktin. Caman an English									
				Module taught in: German or English									
	Metho	d of ass		a) log (20 to 30 pages) or									
				b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or									
				d) presentation (20 to 40 minutes)									
				Language of assessment: German and/or English									
						e a year, summer sem							
08-MBC-MK-152-	Macro	Macromolecular Crystallography											
m01	ECTS	10	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	s			- Ü (1) + P (5)								
		_		Module taught in: German or English									
	Metho	d of ass		a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or									
						e candidate each (20 Sups of up to 2 candid	ates (15 to 30 minutes per	candidate) or					
					sentation (20 to 40		ales (15 to 30 minutes per						
				Language of assessment: German and/or English									
			ļ	Assessment offered: Once a year, summer semester									
08-MBC-MSP-152-	Mass-Spectrometry and Proteomics												
m01	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		• • •	+ S (1) + P (2)								
			1	Modu	le taught in: Germa	n or English							
	Metho	d of ass				pprox. 45 to 90 minut	es) or						
					(20 to 30 pages) or		• • •						
						e candidate each (20	to 30 minutes) or ates (15 to 30 minutes per	candidata) ar					
					sentation (20 to 40		ales (15 to 30 minutes per	calluluale) of					
							sh						
				Language of assessment: German and/or English Assessment offered: Once a year, winter semester									
	Partici	pants ar	nd allo- E	Bioch	emie (Biochemistry)	), Master's: 6 places.	Places will be allocated ac	cording to the num	ber of subject semesters. Among				
		of place	s a	applic	ants with the same	number of subject se	mesters, places will be all		iting list will be maintained and				
			F	places	s re-allocated by lot	as they become avail	able.						

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08-MCM3-152-m01	Drug de	esign									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		S (2) + Ü (1) Module taught in: German or English							
	Methoo	d of ass	essment	presentation with discussion (approx. 30 minutes) Language of assessment: German and/or English							
	Particip cation	oants ar of place		the sa will b ted by ding t	20 places. 4 places for students of the Master's degree programme Chemie (Chemistry): Places will be allocated according to the same number of subject semesters; students who have chosen Medizinische Chemie (Medicinal Chemistry) as their focus will be given preferential consideration; among applicants with the same number of subject semesters, places will be alloca- ted by lot.; 6 places for students of the Master's degree programme Biochemie (Biochemistry): Places will be allocated accor- ding to the number of subject semesters; among applicants with the same number of subject semesters, places will be alloca- ted by lot; a waiting list will be maintained and places re-allocated by lot as they become available.						
03-MBC-PBP-172-	Biophy	sics of	Proteins								
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			V (2) + S (1) + P (2) Module taught in: English						
	Method of assessment			b) log c) ora d) ora e) pre	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English						
	Participants and allo- cation of places			Bioch	Biochemie (Biochemistry) Master's: 63 places.						
08-MBC-EMV-172-	Electro	n micro	scopy an	d imag	e processing in stru	ictural biology					
m01	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (1) - Modu	+ S (1) lle taught in: Germa	n or English					
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English							

08-MBC-EMP-172-	Practica	al cours	se of elect	ron mi	on microscopy and image processing							
m01	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5		P (8) Module taught in: German or English								
	Method	of ass	essment	a) log (20 to 30 pages) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, summer semester								
08-MBC-FPV-232-	Function	nal Pro	teomics:	Deciph	ering Protein Wor	lds						
m01	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5			V (1) + S (1) Module taught in: German or English							
	Method	of ass	essment	<ul> <li>a) written examination (30 to 60 minutes; also multiple choice) or</li> <li>b) oral examination of one candidate each (30 to 60 minutes) or</li> <li>c) oral examination in groups of up to 3 candidates (30 to 60 minutes) or</li> <li>d) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>								
08-MBC-FPP-232-	The Functional Proteome: Organization, Modulation and Dynamics											
m01	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	5		Ü (6) Module taught in: German or English								
	Method	of ass	essment	<ul> <li>a) log (approx. 10 to 20 pages) or</li> <li>b) oral examination of one candidate each (30 to 60 minutes) or</li> <li>c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or</li> <li>d) presentation (20 to 45 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: German and/or English</li> <li>Assessment offered: Once a year, winter semester</li> </ul>								
	other pr	rerequi	sites	Stude	ents are highly reco	mmended to complet	e module o8-MBC-FPV in the	same semester.				
	other prerequisites Participants and allo- cation of places			12 Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.								

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07-MS2B-	Biophysics and	Biophysics and Molecular Biotechnology							
T-152-m01	ECTS 10	Duration	n	1 semester	Method of grading nun	nerical grade	Modul level	graduate	
	Courses		V (2) ·						
				le taught in: English		1.1 1 1			
	Method of ass	essment			o to 60 minutes, including e candidate each (30 to 6	g multiple choice question	s) or		
					ups of up to 3 candidates				
						h and scope of the assess	ment prior to th	e course.	
	Literature com		Langu	lage of assessment:	German and/or English				
08-MBC-LIT1-152- m01	Literature sem			4 comostor	Mothod of grading hun	norical grado	Modul level	graduata	
	ECTS 5 Courses	Duration	S (2)	1 semester	Method of grading num	nencal grade	Modul level	graduate	
	Courses			le taught in: Germai	n or English				
	Method of ass	essment		presentation (20 to 40 minutes) Language of assessment: German and/or English					
03-98-SCB-192-	Single Cell Bio	logy							
m01	ECTS 5	Duration		1 semester	Method of grading nun	nerical grade	Modul level	graduate	
	Courses		V (1,5) + Ü (0,5) Module taught in: English						
	Method of ass	essment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus						
	Participants ar			Biomed: 15					
	cation of place	S		Biochem: 15					
			M.Sc. Biowis: 10 Selection process: allocation by lot						
Compulsory Electiv	ves 2 (40 ECTS c	redits)	1	· ·					
Focus Expert Key Q	ualifications (p	ractice or	iented)	(40 ECTS credits)					
Subfield Research	esearch oriented Projects (30 ECTS credits)								
08-MBC-AP1-152-	Practical cours	e - abroa	d 1	-			<u>.</u>		
m01	ECTS 30	Duration				t) successfully completed	Modul level	graduate	
	Courses			urses assigned to m					
	Method of ass	essment		(approx. 20 pages)					
					e candidate each (approx	. 20 minutes) or 30 minutes, groups of 3: a	approx. 40 mini	ites) or	
			d) pre	sentation/talk (app	rox. 15 to 30 minutes)		~~~~ 40 mm		
				age of assessment:	-				
	Additional Info	rmation	Durat	ion of practical cour	se: no less than 15 weeks	5.			

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08-MBC-AP2-152-	Practical cou	Practical course - abroad 2							
m01	ECTS 15	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level graduate				
	Courses		No co	ourses assigned to r	module				
	Method of as	sessment	b) ora c) ora d) pre	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English					
	Additional In	formation	Durat	Duration of practical course: no less than 8 weeks.					
08-MBC-EP1-152-	Practical cou	ırse - exteri	nal 1						
m01	ECTS 15	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level graduate				
	Courses		No co	ourses assigned to r	module				
	Method of as		a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English						
	Additional In	formation	Durat	ion of practical cou	Irse: no less than 8 weeks.				
08-MBC-EP2-152-	Practical cou	ırse - exteri	nal 2						
m01	ECTS 15	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level graduate				
	Courses		No co	ourses assigned to r	module				
	Method of as	sessment	b) ora c) ora d) pre	ll examination in gro esentation/talk (app	) or ne candidate each (approx. 20 minutes) or roups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or prox. 15 to 30 minutes) t: German or English				
	Additional In	formation	Durat	Duration of practical course: no less than 8 weeks.					
08-MBC-LP1-152-	Practical lab	course 1							
m01	ECTS 15	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level graduate				
	Courses	r.	No co	ourses assigned to r	module				
	Method of as Additional In		b) ora c) ora d) pre Langi	ll examination in gro esentation/talk (app uage of assessment	a) or ne candidate each (approx. 20 minutes) or roups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or prox. 15 to 30 minutes) t: German or English urse: no less than 8 weeks.				
1	Auditional III	ioiiiatioii	Juiai	ion of plactical cou					

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08-MBC-LP2-152-	Practical lab course 2							
m01	ECTS 15	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate					
	Courses		No courses assigned to module					
	Method of ass	sessment						
			b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or					
			d) presentation/talk (approx. 15 to 30 minutes)					
			Language of assessment: German or English					
	Additional Info	ormation	Duration of practical course: no less than 8 weeks.					
08-MBC-LP3-152-	Practical lab o	ourse 3						
m01	ECTS 10	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate					
	Courses		No courses assigned to module					
	Method of ass	sessment						
			b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or					
			d) presentation/talk (approx. 15 to 30 minutes)					
			Language of assessment: German or English					
	Additional Info	ormation	Duration of practical course: no less than 6 weeks.					
08-MBC-LP4-152-	Practical lab c	ourse 4						
m01	ECTS 10	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate					
	Courses		No courses assigned to module					
	Method of ass	sessment						
			b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or					
			d) presentation/talk (approx. 15 to 30 minutes)					
			Language of assessment: German or English					
	Additional Info	ormation	Duration of practical course: no less than 6 weeks.					
08-MBC-LP5-152-	Practical lab c	ourse 5						
m01	ECTS 5	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate					
	Courses		No courses assigned to module					
	Method of ass	sessment						
			b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or					
			d) presentation/talk (approx. 15 to 30 minutes)					
			Language of assessment: German or English					
	Additional Info	ormation	Duration of practical course: no less than 3 weeks.					

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08-MBC-LP6-152-	Practical lab c	Practical lab course 6						
m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate
	Courses		No co	urses assigned to r	nodule		•	·
	Method of ass	essment	b) ora c) ora d) pre	l examination in greesentation/talk (app	ne candidate each (a	oprox. 20 minutes) or prox. 30 minutes, groups of 3 s)	: approx. 40 mini	utes) or
	Additional Info	ormation	Durat	ion of practical cou	rse: no less than 3 w	eeks.		
08-MBC-WR2-152-	Scientific lect	uring M2						
m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate
	Courses		No co	urses assigned to r	nodule		*	
	Method of ass	essment	cified	at the beginning of		essment to be successfully cor	npleted (type an	d length of assessment to be spe-
o8-MBC-	Assistance in	practical	course	S 2				
AWA2-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate
	Courses		No co	urses assigned to r	module			
	Method of ass	essment	Preparing and supervising student lab courses: assessment to be successfully completed (type and length of assessment to be specified at the beginning of the course) Language of assessment: German or English					
Subfield Completiv	e Qualification	5 (10 ECTS	5 credit	s)				
08-SCM3-152-m01	<b>Bioorganic Ch</b>	emistry						
	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (3)					
	Method of ass	essment	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English					
08-ACM2-152-m01	Bioanorganic	Chemistry	y				1	
	ECTS 5 Duration		n	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (3)	•				
	Method of ass	essment	b) ora c) ora	l examination of or l examination in gr	approx. 45 to 90 minu ne candidate each (20 oups of up to 3 candi t: German and/or Eng	o to 30 minutes) or dates (15 to 30 minutes per ca	indidate)	

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08-0CM-NAT-152-	Moder	n aspect	ts of natu	tural product Chemistry and Biological Chemistry						
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	S		S (3)		· · · ·				
	Methoo	d of asso	essment	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English						
	Participants and allo- cation of places		applic	Biochemie (Biochemistry), Master's: 20 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
08-HKM1-152-m01	Organo	o- and B	iocatalys	is						
	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	-		S (3)						
	Method of assessment				a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English					
07-MS2BI-152-m01	Bioinfo	rmatics								
	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses				V (2) + S (1) Module taught in: German and/or English					
	Method of assessmen				l examination of one l examination in gro	e candidate each (30 t	ates (30 to 60 minutes)	s) or		
07-MS3S-152-m01	System	ns Biolo	gy							
	ECTS	10	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	S			V (2) + S (1) Module taught in: German and/or English					
	Method	d of asso	essment	c) ora d) ora	l examination of one I examination in gro	e candidate each (30	ates (30 to 60 minutes)	s) or		

07-MLS1-152-m01	Metho	Nethods in Life Sciences								
	ECTS	10	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	!S		V (3) Modu	le taught in: English	1				
	Method of assessment				a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: English					
03-VTK-152-m01	Anima	l science	e and welf	fare						
	ECTS	3	Duration	n	1 semester	Method of grading (not) successfully comple	ted Modul level	undergraduate		
	Course	es.		V (2) ·	+ P (1)					
	Method of assessment		essment	written examination (approx. 90 minutes) Language of assessment: German and/or English						
	other p	orerequis	sites	Regul	ar attendance of pra	actical course (as specified at the beginning of t	he course).			
08-MBC-WR1-152-	Scient	ific lectu	ring M1							
m01	ECTS	ECTS 5 Duration		n	1 semester	Method of grading (not) successfully comple	ted Modul level	graduate		
	Course	!S		T (o)						
	Method of assessment		Preparing and supervising study groups, wrap-up report (approx. 2 pages) Language of assessment: German and/or English							
o8-MBC-	Assistance in practica		oractical	course	S 1					
AWA1-152-m01	ECTS	5	Duration	n	1 semester	Method of grading (not) successfully comple	ted Modul level	graduate		
	Course	es.		T (o)						
	Method of assessment				Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English					
08-MBC-LIT3-152-	LIT3-152- Literature seminar 3									
m01	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	!S		S (2) Modu	S (2) Module taught in: German or English					
	Method of assessment				ntation (20 to 40 mi lage of assessment:	inutes) German and/or English				

Focus - Expert Key Qualifications (40 ECTS credits)										
Subfield Research	oriented Projects (20 ECT	S credits)								
08-MBC-AP1-152-	Practical course - abroad 1									
m01	ECTS 30 Duration	n Method of grading (not) successfully completed Modul level graduate								
	Courses	No courses assigned to module								
	Method of assessment	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English								
	Additional Information	Duration of practical course: no less than 15 weeks.								
08-MBC-AP2-152-	Practical course - abroa	d 2								
m01	ECTS 15 Duration	n 1 semester Method of grading (not) successfully completed Modul level graduate								
	Courses	No courses assigned to module								
	Method of assessment	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English								
	Additional Information	Duration of practical course: no less than 8 weeks.								
08-MBC-EP1-152-	Practical course - extern	alı								
m01	ECTS 15 Duration	n 1 semester Method of grading (not) successfully completed Modul level graduate								
	Courses	No courses assigned to module								
	Method of assessment	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English								
	Additional Information	Duration of practical course: no less than 8 weeks.								
08-MBC-EP2-152-	Practical course - extern	nal 2								
m01	ECTS 15 Duration	n 1 semester Method of grading (not) successfully completed Modul level graduate								
	Courses	No courses assigned to module								
		a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English								
	Additional Information	Duration of practical course: no less than 8 weeks.								

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08-MBC-LP1-152-	Practical lab o	ourse 1										
m01	ECTS 15	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate									
	Courses		No courses assigned to module									
	Method of ass	sessment	) log (approx. 20 pages) or ) oral examination of one candidate each (approx. 20 minutes) or ) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or ) presentation/talk (approx. 15 to 30 minutes)									
			Language of assessment: German or English									
	Additional Inf	ormation	Duration of practical course: no less than 8 weeks.									
08-MBC-LP2-152-	Practical lab o	ourse 2										
m01	ECTS 15	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate									
	Courses		No courses assigned to module									
	Method of ass		b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English									
	Additional Info	itional Information Duration of practical course: no less than 8 weeks.										
08-MBC-LP3-152-	Practical lab course 3											
m01	ECTS 10	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate									
	Courses		No courses assigned to module									
	Method of ass	sessment	<ul> <li>a) log (approx. 20 pages) or</li> <li>b) oral examination of one candidate each (approx. 20 minutes) or</li> <li>c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or</li> <li>d) presentation/talk (approx. 15 to 30 minutes) Language of assessment: German or English</li> </ul>									
	Additional Info	ormation	Duration of practical course: no less than 6 weeks.									
08-MBC-LP4-152-	Practical lab o	ourse 4										
m01	ECTS 10	Duratio	on 1 semester Method of grading (not) successfully completed Modul level graduate									
	Courses		No courses assigned to module									
	Method of ass		<ul> <li>b) oral examination of one candidate each (approx. 20 minutes) or</li> <li>c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or</li> <li>d) presentation/talk (approx. 15 to 30 minutes)</li> <li>Language of assessment: German or English</li> </ul>									
		onnation	ן שנומנוטו טו אומנונמו נטעושב. ווט ובש נוומו ט אבבאש.									

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08-MBC-LP5-152-	Practica	Practical lab course 5												
m01	ECTS	5	Duratio	า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate					
	Courses	S		No co	urses assigned to m	nodule								
	Method	l of asse	essment	a) log (approx. 20 pages) or										
						e candidate each (app	prox. 20 minutes) or rox. 30 minutes, groups of 3: a	nnrov (o minu	itac) ar					
						prox. 15 to 30 minutes)		approx. 40 mm						
						: German or English								
	Additio	nal Info	rmation	Durati	Duration of practical course: no less than 3 weeks.									
08-MBC-LP6-152-	Practical lab course 6													
m01	ECTS	5	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate					
	Courses	S		No co	urses assigned to m	nodule								
	Method	l of asse	essment		(approx. 20 pages)									
						e candidate each (app		approx (o minu	itac) ar					
					c) oral examination in groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes)									
				Language of assessment: German or English										
	Additio	nal Info	rmation	Durati	ion of practical cour	rse: no less than 3 wee	eks.							
08-MBC-WR2-152-	Scienti	fic lectu	ring M2											
m01	ECTS 5 Duratio		Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate					
	Courses	S		No co	urses assigned to m	nodule								
	Method	l of asse	essment	Prepa	ring and supervisin	g study groups: asses	sment to be successfully com	pleted (type and	d length of assessment to be spe-					
					at the beginning of	the course) : German or English								
o8-MBC-	Accista	nce in n	ractical	_	-									
AWA2-152-m01	,	5	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate					
	Courses		Duration	1     1 semester     Method of grading     (not) successfully completed     Modul level     graduate       No courses assigned to module										
		-	scmont				· assessment to be successful	ly completed (ty	ype and length of assessment to					
	method	101 4330	.ssment		ecified at the begin				ype and length of assessment to					
				Langu	Language of assessment: German or English									
Subfield Completiv	e Qualifi	ications	(20 ECTS	5 credit	s)									
08-SCM3-152-m01	Bioorga	anic Che	emistry											
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses	S		S (3)										
	Method	l of asse	essment	a) wri	tten examination (a	pprox. 45 to 90 minut	es) or							
						e candidate each (20		didata)						
						German and/or Engli	ates (15 to 30 minutes per can sh	uiuate)						
				30										

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08-ACM2-152-m01	Bioanorganic (	Chemistry	/								
	ECTS 5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	_	S (3)		·						
	Method of asse	essment	b) ora c) ora	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English							
08-0CM-NAT-152-	Modern aspect	ts of natu	ral pro	duct Chemistry and	Biological Chemist	ſy					
m01	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (3)								
	Method of asse		b) ora c) ora Langu	written examination (approx. 45 to 90 minutes) or oral examination of one candidate each (20 to 30 minutes) or oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) anguage of assessment: German and/or English							
	Participants an cation of place	places re-allocated by lot as they become available.									
08-HKM1-152-m01	Organo- and B	iocatalys	is								
	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	Courses S (3)									
	Method of asse	Method of assessment b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English									
03-MS2H-	Human genetic	s									
G-152-m01	ECTS 10	Duratio		2 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		V (2) - Modu	+ S (2) le taught in: Germa	n or English						
	Method of asse	essment	b) ora c) ora	l examination of on l examination in gro	pprox. 45 to 90 minu e candidate each (2 oups of up to 3 cand : German and/or Eng	o to 30 minutes) or dates (15 to 30 minutes per ca	andidate)				
07-MS2BI-152-m01	Bioinformatics	5									
	ECTS 10	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		V (2) - Modu	+ S (1) le taught in: Germa	n and/or English						
	Method of asse	essment	c) ora d) ora	l examination of on l examination in gro	e candidate each (30	dates (30 to 60 minutes)	ons) or				
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07-MS3S-152-m01	Systems Biolo	gy									
	ECTS 10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) + S (1) Module taught in: German and/or English							
	Method of ass	essment	c) ora d) ora	) written examination (30 to 60 minutes, including multiple choice questions) or ) oral examination of one candidate each (30 to 60 minutes) or ) oral examination in groups of up to 3 candidates (30 to 60 minutes) anguage of assessment: German and/or English							
07-MLS1-152-m01	Methods in Lif	fe Science	95								
	ECTS 10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		V (3) Modu	le taught in: Englisl	n						
	Method of assessmenta) written examination (30 to 60 minutes, including multiple choice questions) orc) oral examination of one candidate each (30 to 60 minutes) ord) oral examination in groups of up to 3 candidates (30 to 60 minutes)Students will be informed about the method, length and scope of the assessment prior to the course.Language of assessment: English										
03-VTK-152-m01	Animal scienc	e and wel	fare								
	ECTS 3	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		V (2) -	+ P (1)							
	Method of ass	essment		n examination (app lage of assessment	rox. 90 minutes) : German and/or Engl	ish					
	other prerequi	other prerequisites Regular attendance of practical course (as specified at the beginning of the course).									
08-MBC-WR1-152-	Scientific lect	uring M1									
m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses		T (o)								
	Method of ass	essment			g study groups, wrap : German and/or Engl	-up report (approx. 2 pages) ish					
o8-MBC-	Assistance in	practical	courses	5 1							
AWA1-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses		T (o)								
	Method of ass	essment			ng student lab courses, wrap-up report (approx. 1 page) t: German and/or English						
08-MBC-LIT3-152-	Literature sem	ninar 3									
m01	ECTS 5	Duratio	·	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (2) Modu	le taught in: Germa	n or English						
	Method of ass	essment		ntation (20 to 40 m lage of assessment	inutes) : German and/or Engl	ish					
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03-MBC-TG-161-	Tumor	Genetic	:s								
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S			V (1) + S (1) Module taught in: English						
	Methoo	d of ass	essment	b) log c) ora d) ora e) pre	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English						
Focus - Expert Key	<b>Qualifica</b>	ations (	project oı	iented	) (40 ECTS credits)						
Subfield Project at	ttendant	Module	es (30 ECT	S cred	its)						
o8-MBC-	Specia	l lecture	es 1								
FTSV1-152-m01	ECTS 5 Duratio			n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Course	S		V (2) Modu	Module taught in: German or English						
	Methoo	Method of assessment			<ul> <li>a) written examination (approx. 45 to 90 minutes) or</li> <li>b) log (20 to 30 pages) or</li> <li>c) oral examination of one candidate each (20 to 30 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>e) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> </ul>						
	other p	rerequi	sites	Please consult with degree programme coordinator in advance.							
o8-MBC-	Specia	l lecture	es 2		-						
FTSV2-152-m01	ECTS	5	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Course	S		V (2) Module taught in: German or English							
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English							
	other p	rerequi	sites	Pleas	e consult with deg	ree programme coordi	nator in advance.				

o8-MBC-	Conference pa	rticipatio	n with	poster presentation	11					
FTKP1-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses		R (o) Modu	२ (o) Module taught in: German or English						
	Method of ass	essment		Poster (1 page) Language of assessment: German and/or English						
	other prerequis	sites	Pleas	e consult with degre	e programme coordi	nator in advance.				
o8-MBC-	Conference pa	rticipatio	on with poster presentation 2							
FTKP2-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses		R (o) Modu	ıle taught in: Germaı	n or English					
	Method of ass	essment		er (1 page) uage of assessment:	: German and/or Engl	ish				
	other prerequis	sites	Pleas	lease consult with degree programme coordinator in advance.						
o8-MBC-	Conference pa	rticipatio	n with	lecture 1						
FTKV1-152-m01	ECTS 10 Duration		n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses		R (o) Modu	Nodule taught in: German or English						
	Method of asso	essment		presentation (20 to 40 minutes) Language of assessment: German and/or English						
	other prerequis	sites	Pleas	e consult with degre	ee programme coordi	nator in advance.				
o8-MBC-	Conference participation with lecture 2									
FTKV2-152-m01	ECTS 10	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses		R (o) Module taught in: German or English							
	Method of assessment		presentation (20 to 40 minutes) Language of assessment: German and/or English							
	other prerequis	sites	Pleas	Please consult with degree programme coordinator in advance.						
o8-MBC-	Excursion 1	i						_		
FTEX1-152-m01	ECTS 5	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses	_		E (1) Module taught in: German or English						
	Method of asso		b) log c) ora d) ora e) pre Langu	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English						
	other prerequis	sites	Pleas	e consult with degre	ee programme coordi	nator in advance.				
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o8-MBC-	Excursi	ion 2					_				
FTEX2-152-m01	ECTS 5 Duration		n	1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Course	S		E (1) Modu	E (1) Module taught in: German or English						
	Methoo	d of ass	essment	b) log c) ora d) ora e) pre	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English						
	-	orerequi	sites	Pleas	lease consult with degree programme coordinator in advance.						
08-MBC-FT-	Semina		1					_			
SE1-152-m01	ECTS	5	Duratio		1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course	S		S (2) Modu	Module taught in: German or English						
	Method of assessment			b) log c) ora d) ora e) pre	<ul> <li>a) written examination (approx. 45 to 90 minutes) or</li> <li>b) log (20 to 30 pages) or</li> <li>c) oral examination of one candidate each (20 to 30 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or</li> <li>e) presentation (20 to 40 minutes)</li> <li>Language of assessment: German and/or English</li> </ul>						
	other prerequisites		Please consult with degree programme coordinator in advance.								
o8-MBC-FT-	Semina	ar 2					-				
SE2-152-m01	ECTS	5	Duratio		1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course	S			S (2) Module taught in: German or English						
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English							
	other p	orerequi	sites	Pleas	e consult with deg	ree programme coordinator in advance.	_				

o8-MBC-FT-	Semina	ar 3										
SE3-152-m01	ECTS	5	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	S		S (2) Modu	S (2) Module taught in: German or English							
	Methoo	d of ass	essment	b) log c) ora d) ora e) pre	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English							
	other p	rerequi	sites	Pleas	Please consult with degree programme coordinator in advance.							
o8-MBC-	Worksh	10p 1										
FTWS1-152-m01	ECTS	5	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses			R (o) Modu	R (o) Nodule taught in: German or English							
	Methoo	d of ass	essment	Wrap-up report (approx. 2 pages) Language of assessment: German and/or English								
	other p	rerequi	sites	Pleas	e consult with deg	ree programme coordii	nator in advance.					
o8-MBC- FTWS2-152-m01	Worksh	10p 2										
	ECTS 5 Duratio		า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	Courses		R (o) Module taught in: German or English								
	Methoo	Method of assessment			Wrap-up report (approx. 2 pages) Language of assessment: German and/or English							
	other p	rerequi	sites	Pleas	Please consult with degree programme coordinator in advance.							
o8-MBC-	Worksh	10p 3										
FTWS3-152-m01	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	S		R (o) Module taught in: German or English								
	Methoo	d of ass	essment	Wrap-up report (approx. 2 pages) Language of assessment: German and/or English								
	other p	rerequi	sites	Pleas	e consult with deg	ree programme coordi	nator in advance.					
o8-MBC-FT-	Assista	nce in	practical o	course	S 1							
PB1-152-m01	ECTS	5	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	S		T (o) Modu	le taught in: Germ	an or English						
	Method	d of ass	essment	Prepa Langı	ring and supervisi	ing student lab courses nt: German and/or Engl	, wrap-up report (approx. 1 pag ish	ge)				

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o8-MBC-FT-	Assistance in practical courses 2										
PB2-152-m01	ECTS 5 Duration		n	1 semester	Method of grading (not) successfully complet	ted Modul level	graduate				
	Courses		T (o) Modu	T (o) Module taught in: German or English							
	Method of ass	essment	Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English								
Subfield Completiv	Completive Qualifications (10 ECTS credits)										
08-SCM3-152-m01	Bioorganic Chemistry										
	ECTS 5	Duration			Method of grading numerical grade	Modul level	graduate				
	Courses		S (3)								
			b) ora c) ora Langu	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English							
08-ACM2-152-m01											
	ECTS 5	Duration	,	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	-		S (3)							
	Method of ass	essment	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English								
08-0CM-NAT-152-	Modern aspects of natural product Chemistry and Biological Chemistry										
m01	ECTS 5 Duratio			1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		S (3)								
	Method of ass	essment	b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English								
	Participants and allo- cation of places		Biochemie (Biochemistry), Master's: 20 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.								
08-HKM1-152-m01	Organo- and B	iocatalys									
	ECTS 5 Duratio			1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses		S (3)								
	Method of assessment		a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) Language of assessment: German and/or English								

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07-MS2BI-152-m01	Bioinformatics										
	ECTS	10	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	es	-	V (2) + S (1) Module taught in: German and/or English							
	Method of assessment			a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) Language of assessment: German and/or English							
07-MS3S-152-m01	System	ns Biolo	gy								
	ECTS	10	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses				V (2) + S (1) Module taught in: German and/or English						
	Metho	d of asso	essment	a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) Language of assessment: German and/or English							
07-MLS1-152-m01	Metho	Methods in Life Sciences									
	ECTS	10	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			V (3) Module taught in: English							
	Method of assessment			<ul> <li>a) written examination (30 to 60 minutes, including multiple choice questions) or</li> <li>c) oral examination of one candidate each (30 to 60 minutes) or</li> <li>d) oral examination in groups of up to 3 candidates (30 to 60 minutes)</li> <li>Students will be informed about the method, length and scope of the assessment prior to the course.</li> <li>Language of assessment: English</li> </ul>							
03-VTK-152-m01	Animal science and welfare										
	ECTS 3 Duration		า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	es		V (2) ·	V (2) + P (1)						
	Metho	d of ass	essment	written examination (approx. 90 minutes) Language of assessment: German and/or English							
	other prerequisites			Regular attendance of practical course (as specified at the beginning of the course).							
08-MBC-WR1-152-	Scient	ific lectu	ring M1								
m01	ECTS 5 Duratio			1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses			T (0)							
	Method of assessment			Preparing and supervising study groups, wrap-up report (approx. 2 pages) Language of assessment: German and/or English							

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o8-MBC-	Assista	ance in p	oractical	courses 1							
AWA1-152-m01	ECTS 5 Duration		n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	es	_	T (o)							
	Method of assessment				Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English						
08-MBC-LIT3-152-	Literat	Literature seminar 3									
m01	ECTS 5 Duratio		n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			S (2) Modu	S (2) Module taught in: German or English						
	Method of assessment		presentation (20 to 40 minutes) Language of assessment: German and/or English								
Thesis Area (30 EC	ts)										
08-MBC-KOLL-152-	Final Colloquium										
m01	ECTS 5 Duratio		n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			K (o)	К (о)						
	Method of assessment				final colloquium (approx. 45 minutes) Language of assessment: German and/or English						
08-MBC-MA-152- m01	Master	r <b>-Thesis</b>									
	ECTS 25 Duratio		n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			No courses assigned to module							
	Method of assessment			Master's thesis (approx. 60 pages) Language of assessment: German or English							
	Additional Information			Time	Time to complete: 6 months.						