

## **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

Responsible: Faculty of Chemistry and Pharmacy

Examination regulations version: 2017

Examination regulations version: 2017

Abbreviations used: Course types:  $\mathbf{E} = \text{field trip}$ ,  $\mathbf{K} = \text{colloquium}$ ,  $\mathbf{O} = \text{conversatorium}$ ,  $\mathbf{P} = \text{placement/lab course}$ ,  $\mathbf{R} = \text{project}$ ,  $\mathbf{S} = \text{seminar}$ ,  $\mathbf{T} = \text{tutorial}$ ,  $\mathbf{U} = \text{exercise}$ ,  $\mathbf{V} = \mathbf{V} = \mathbf$ 

= lecture Term: **SS** = summer semester. **WS** = winter semester

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

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

= list of modules

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

Conventions for the modules in this SFB: ditable for bonus.

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

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:

## ASP02015

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)

??-???-2023 (2023-??)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	Module title										
	ECTS		Duration	(in semesters)	Method of grading		Module level				
	Courses		To be spe	o be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y							
	Method of as	ssessme	ent								
	Only after su completion o		l if applica	if applicable							
	Other prereq	uisites	if applica	if applicable							
	Participants and allocation of places		ocati- if applica	if applicable							
	Additional information		on if applica	if applicable							
	Referred to in	n LPO I	if applica	if applicable (examination regulations for teaching-degree programmes)							

<b>Compulsory Election</b>	ves 1 (50 ECTS c	redits)									
Focus - Molecular	Life-Sciences (5	o ECTS cr	edits)								
Subfield - Structur	al and Function	al Bioche	mistry	(30 ECTS credits)							
o8-MBC-	RNA worlds										
RNAW-152-m01	ECTS 5 Duratio				Method of grading	numerical grade	Modul level	graduate			
	Courses		Modu	+ S (1) lle taught in: Germa				_			
	Method of ass	essment	to 60 minus	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 pr	oteins									
mo1	ECTS 5 Duratio		n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (1) + S (1) 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-RNP-152-	Structure and function of RNA-protein complexes										
mo1	ECTS 10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		Ü (6) 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) Assessment offered: Once a year, winter semester Language of assessment: German and/or English								
08-MBC-PQK-152-	Protein quality	/ control									
mo1	ECTS 10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		Ü (6) Modu	Ü (6) 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) Assessment offered: Once a year, summer semester Language of assessment: German and/or English								

08-MBC-MK-152-	Macror	nolecul	ar Crystal	lograp	hy							
mo1	ECTS	10	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ Ü (1) + P (5)		•					
				Module taught in: German or English								
				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)  Assessment offered: Once a year, summer semester  Language of assessment: German and/or English								
08-MBC-MSP-152-	Mass-S	Spectro	netry and	Prote	omics							
mo1	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			2) + S (1) + P (2) Indule 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)  Assessment offered: Once a year, winter semester  Language of assessment: German and/or English								
	Participants and allo- cation of places			Biochemie (Biochemistry), Master's: 6 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-MCM3-152-m01	Drug de	esign										
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) - Modu	+ Ü (1) le taught in: Germaı	n or English						
	Method of assessment				presentation with discussion (approx. 30 minutes) Language of assessment: German and/or English							
		oants ar of place		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 allocated by lot.; 6 places for students of the Master's degree programme Biochemie (Biochemistry): 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.								

mo1	Biophysics of Proteins											
1 L	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ S (1) + P (2) Ile taught in: Englis	sh						
	Method of assessment			to 30 to 40	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 and	d imag	e processing in st	ructural biology						
mo1	ECTS	5	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (1) - Modu	+ S (1) ıle taught in: Germ	an or English						
	Method	d of ass	essment	to 30 to 40	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-												
mo1	ECTS	10	Duration	า	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			P (8) Modu	ıle taught in: Germ	an or English						
	Method of assessment			to 3 c	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) Assessment offered: Once a year, summer semester Language of assessment: German and/or English							
07-MS2B-	Biophy	sics and	d Molecul	ar Bio	technology							
T-152-m01	ECTS	10	Duration	า	1 semester	Method of grading   numerical grade	Modul level	graduate				
	Course	S	•		+ S (1) ıle taught in: Englis	sh		•				
	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								
	Literatu	ıre sem	inar 1									
mo1	ECTS	5	Duration	า	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			presentation (20 to 40 minutes) Language of assessment: German and/or English								

03-98-SCB-192-	Single Cell Bio	logy									
mo1	ECTS 5	Duration	1 1	ı semester	Method of grading	numerical grade		Modul level	graduate		
	Courses			+ Ü (0,5) e taught in: Englise	ch		,				
	Method of asse		a) written examination (approx. 60 minutes) Language of assessment: English creditable for bonus								
	Participants an cation of place	S	M.Sc.Biomed: 156 M.Sc. Biochem: 156 M.Sc. Biowis: 106								
08-MBC-FPV-232-	<b>Functional Prot</b>	teomics: [	Deciphe	ring Protein World	ds						
mo1	ECTS 5	Duration	1 1	ı semester	Method of grading	numerical grade		Modul level	graduate		
	Courses		V (1) + S Module	S (1) e taught in: Germa	ın and/or English						
			a) written examination or c) oral examination of one candidate each or d) oral examination in groups of up to 3 candidates or e) presentation  Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (approx. 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) or e) presentation (20-45 minutes)  Language of assessment: German and/or English								
08-MBC-FPP-232-	The Functional	Proteome	eome: Organization, Modulation and Dynamics								
mo1	ECTS 10	Duration		ı semester	Method of grading	numerical grade		Modul level	graduate		
	Courses		Ü (6) Module taught in: German or English								
	Method of asse		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 Assessment offered: Once a year, winter semester								
	other prerequis	sites	Studen	ts are highly recor	mmended to complet	e module o8-MBC-	FPV in the sar	ne semester.			
	Participants and allo- cation of places		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.								

Subfield - Molecul	lar and M	edical (	Cell Biolog	gy (20	ECTS credits)							
03-MS2H-	Human	geneti	cs									
G-152-m01	ECTS	10	Duratio	1	2 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			+ S (2) ıle taught in: Germa	n or English						
	Method	d 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-PH-KAC-152-	Clinica	l-analy1	tical Chen	nistry								
mo1	ECTS 5 Duratio			า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses			V (3)		,		,				
	Method	d of ass	essment		written examination (approx. 120 minutes) Language of assessment: German and/or English							
08-PH-KACP-152-	Practic	al cour	se of clinic	cal-an	alytical Chemistry							
mo1	ECTS	5	Duratio	า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses			P (5)								
	Method of assessment			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				1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S	•	V (2)	+ S (1)							
	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							
		Participants and allo- cation of places			Biochemie (Biochemistry), Master's: 15 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.							
07-MS2M2-152-	Microb	iology :	2									
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2)	+ S (1)							
	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							
	Participants and allocation of places			Biochemie (Biochemistry), Master's: 15 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.								

07-MS2INF-	Infection	on Biolo	gy for Bio	chemi	stry Students							
BC-191-mo1	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S		V (2) Modu	/ (2) Module taught in: German and/or English							
	Method of assessment			exam	a) written examination (approx. 45 to 90 minutes) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes per candidate)  Language of assessment: German and/or English							
	other p	rerequi	sites	May r	ot be combined w	ith 07-MS2M1.						
07-MS2PA-BC-191-	Pathog	genicity	of Microo	rganis	ms for Biochemist	ry Students		,				
m01	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) Modu	V (2) Module taught in: German and/or English							
	Method of assessment			a) written examination or c) oral examination of one candidate each or d) oral examination in groups of up to 3 candidates. Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (approx. 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) Language of assessment: German and/or English								
	other prerequisites			May r	May not be combined with 07-MS2M2.							
03-MS2IM1-152-	Immunology 1											
mo1	ECTS	10	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	es.		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)  Assessment offered: Once a year, winter semester  Language of assessment: German and/or English								
	Participants and allocation 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-MS2lM2-152-	Immun	ology 2	-1					ı					
mo1	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	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) Assessment offered: Once a year, summer semester Language of assessment: German and/or English								
	Participants and allocation of places			applic	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-MS2V1-152-	Virolog	y 1											
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses				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) Assessment offered: Once a year, winter semester Language of assessment: German and/or English								
	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-MS2V2-152-	Virolog	y 2							_				
mo1	ECTS	10	Duratio		1 semester	Method of grading	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) 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) Assessment offered: Once a year, summer semester Language of assessment: German and/or English									
	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	tics - Infe	ctiolog	y							
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	!S		V (1) +	$V(1) + S(1) + \ddot{U}(4)$							
	Method	d of asso	essment	to 30 to 40	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			applic	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.							
03-98-MVKB-152-	Cardio	vascula	r Biology		,			,				
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) Modu	le taught in: Germa	n/English						
	Method of assessment			to 60 minut Stude Asses	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.  Assessment offered: Once a year, winter semester  Language of assessment: German or English							
03-98-MV-	Molecular Oncology											
MO-152-mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S		V (2) Module taught in: German/English								
	Method of assessment			to 60 minut Stude Asses	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to minutes). Students will be informed about the method, length and scope of the assessment prior to the course. Assessment offered: Once a year, winter semester Language of assessment: German or English							
03-ONC-CLIN-152-	Clinica	l Oncolo	gy									
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	Courses			V (2) Module taught in: German or English							
	Method of assessment		a) written examination (30 to 60 minutes) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 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									

03-98-MV-	Stem Cell Biol	ogy					1					
SZ-152-m01	ECTS 5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) Modu	V (2) Module taught in: German/English								
	Method of ass	essment	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.  Assessment offered: Once a year, summer semester  Language of assessment: German or English									
03-98-MV-	Clinical Neuro	biology					'					
KN-152-m01	ECTS 5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			V (2) + S (2) Module taught in: English								
	Method of ass		a) written examination (30 to 60 minutes) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or d) 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: English									
03-98-MVTF-152-	Tissue Engineering / Functional Materials											
mo1	ECTS 5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) Module taught in: German/English									
	Method of ass	essment	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.  Assessment offered: Once a year, winter semester  Language of assessment: German or English									
08-MBC-LIT2-152-	Literature sem	inar 2										
mo1	ECTS 5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (2) Module taught in: German or English									
	Method of ass	essment										

03-MBC-TG-161-	Tumor	Genetic	:s					,					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course			Modu	V (1) + S (1) Module taught in: English								
	Method	d of ass	essment	to 30 to 40	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-FPV-232-	Functio	Functional Proteomics: Deciphering Protein Worlds											
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S	,	V (1) + Modu	- S (1) le taught in: Germa	an and/or English		·					
	Method of assessment			a) written examination or c) oral examination of one candidate each or d) oral examination in groups of up to 3 candidates or e) presentation  Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (approx. 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) or e) presentation (20-45 minutes)  Language of assessment: German and/or English									
o8-MBC-FPP-232-	The Functional Proteome: Organization, Modulation and Dynamics												
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			Ü (6) Module taught in: German or English									
	Method of assessment			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  Assessment offered: Once a year, winter semester									
	other p	other prerequisites			nts are highly reco	mmended to comple	te module o8-MBC-FPV i	n the same semester.					
		oants ar of place	nd allo- es	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 wait list will be maintained and places re-allocated by lot as they become available.									

Focus - Molecular C	ncology (50 E	CTS credit	s)									
Subfield - Tumor Bi	ology (35 ECT:	S credits)										
03-98-MV-	Molecular On	cology										
MO-152-mo1	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) Modu	le taught in: Germai	n/English							
	Method of as		to 60 minut Stude Asses	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.  Assessment offered: Once a year, winter semester  Language of assessment: German or English								
03-ONC-CLIN-152-	Clinical Onco					•						
mo1	ECTS 5	Duratio	,	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			/ (2) Module taught in: German or English								
	Method of as	sessment	tion ir Stude	a) written examination (30 to 60 minutes) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 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								
03-ONC-SEM1-152-	Oncology Seminar 1											
mo1	ECTS 5	Duratio	,	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (1) Module taught in: German or English									
	Method of as	sessment	written examination (approx. 45 to 90 minutes) or presentation (20 to 40 minutes) Language of assessment: German and/or English									
	Participants a cation of place	ces	applic	cants with the same		emesters, places will		mber of subject semesters. Among liting list will be maintained and				
03-ONC-SEM2-152-		minar 2										
mo1	ECTS 5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses			le taught in: Germai								
	Method of as	sessment	Langu	written examination (approx. 45 to 90 minutes) or presentation (20 to 40 minutes) Language of assessment: German and/or English								
	Participants a cation of plac		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-	Experi	mental	Tumor Bio	logy									
mo1	ECTS	10	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es		P (8) Modu	ıle taught in: Germ	nan or English							
	Metho	d of ass	essment		og (20 to 30 pages) or presentation (20 to 40 minutes) anguage of assessment: German and/or English								
		pants ar of place		appli	chemie (Biochemistry), Master's: 18 places. Places will be allocated according to the number of subject semesters. Among blicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and ces re-allocated by lot as they become available.								
03-ONC-LAB1-152-	Lab rot	tation O	ncology										
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es		P (6) Modu	ıle taught in: Germ	nan or English							
	Metho	d of ass	essment			presentation (20 to 40 nt: German and/or Eng							
		articipants and allo- ation 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 maintain places re-allocated by lot as they become available.											
Subfield - Structura	al and F	unction	al Biocher	emistry (15 ECTS credits)									
o8-MBC-	RNA w	orlds											
RNAW-152-m01	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es		V (1) · Modu	+ S (1) Ile taught in: Germ	nan or English	•						
	Metho	d of ass	essment	to 60 minu Stude	minutes) or d) ora tes). ents will be inform	al examination in grou	ps of up to 3 candidate		nation of one candidate each (30 tes) or e) presentation (20 to 45 e course.				
08-MBC-LCP-152-	Life cy	cle of p	roteins										
mo1	ECTS	5	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es.	,	V (1) · Modu	+ S (1) Ile taught in: Germ	nan or English							
	Metho	d of ass	assessment a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 4 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						ites) or e) presentation (20 to 45				

08-MBC-RNP-152-	Structu	re and	function o	f RNA-	protein complexes								
mo1	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		,					
	Method	d of ass	essment	to 3 c	) 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 o 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes) assessment offered: Once a year, winter semester anguage of assessment: German and/or English								
08-MBC-PQK-152-	Protein	quality	/ control										
mo1	ECTS	10	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course				(6) Iodule taught in: German or English								
	Method	d of ass	essment	to 3 c	a) log (20 to 30 pages) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in grou o 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes) Assessment offered: Once a year, summer semester Language of assessment: German and/or English								
08-MBC-MK-152-	Macron	nolecul	ar Crystal	lograp									
mo1	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2) + Ü (1) + P (5) Module taught in: German or English									
	Method	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 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation to 40 minutes) Assessment offered: Once a year, summer semester Language of assessment: German and/or English									
08-MBC-MSP-152-	Mass-S	pectro	metry and	Prote	omics								
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			+ S (1) + P (2) le taught in: Germa	n or English							
	Method	a) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (2 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (2 to 40 minutes)  Assessment offered: Once a year, winter semester  Language of assessment: German and/or English											
	Particip cation (			Biochemie (Biochemistry), Master's: 6 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-MCM3-152-m01	Drug d	esign					-					
	ECTS	5	Duration	<u> </u>	1 semester	Method of grading   numerical grade	Modul level	graduate				
	Course	!S		S (2) - Modu	⊦ Ü (1) le taught in: Germ	an or English						
	Metho	d of ass	essment			ssion (approx. 30 minutes) t: German and/or English						
		on of places		the sa will be ted by ding t	places. 4 places for students of the Master's degree programme Chemie (Chemistry): Places will be allocated according to same number of subject semesters; students who have chosen Medizinische Chemie (Medicinal Chemistry) as their focus be given preferential consideration; among applicants with the same number of subject semesters, places will be allocaby lot.; 6 places for students of the Master's degree programme Biochemie (Biochemistry): Places will be allocated accorg 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-MBC-PBP-172-	Biophy	sics of	Proteins									
mo1	ECTS	5	Duration		1 semester	Method of grading   numerical grade	Modul level	graduate				
	Course	!S			+ S (1) + P (2) le taught in: Engli	sh		_				
	Metho	d of ass	essment	to 30 to 40	) written examination (approx. 45 to 90 minutes) or b) log (20 to 30 pages) or c) oral examination of one candidate each (20 o 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) or e) presentation (20 o 40 minutes) anguage of assessment: German and/or English							
		pants ar of place		Bioch	Biochemie (Biochemistry) Master's: 63 places.							
08-MBC-EMV-172-	Electro	n micro	scopy and	d imag	image processing in structural biology							
mo1	ECTS	5	Duration	1	1 semester	Method of grading   numerical grade	Modul level	graduate				
	Course	!S		V (1) + Modu	· S (1) le taught in: Germ	an or English						
	Metho	d of ass	essment	to 30 to 40	minutes) or d) ora minutes)	approx. 45 to 90 minutes) or b) log (20 to 30 p l examination in groups of up to 3 candidates ( t: German and/or English						
08-MBC-EMP-172-	Practic	al cours	se of elect	ron mi	croscopy and ima	ge processing						
mo1	ECTS	10	Duration		1 semester	Method of grading   numerical grade	Modul level	graduate				
	Course	!S		P (8) 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 ground to 3 candidates (15 to 30 minutes per candidate) or d) presentation (20 to 40 minutes)  Assessment offered: Once a year, summer semester Language of assessment: German and/or English					oral examination in groups of up				

07-MS2B-	Biophy	sics an	d Molecul	ar Biot	echnology				-			
T-152-m01	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) · Modu	+ S (1) le taught in: Engl	ish						
	Method	d of ass	essment	c) ora d) ora	l examination of o	one candidate each (3c	dates (30 to 60 minutes)	estions) or				
08-MBC-LIT1-152-	Literati	ure sem	inar 1	•				,				
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S	,	S (2) Modu	(2) odule taught in: German or English							
	Method	d of ass	essment		resentation (20 to 40 minutes) anguage of assessment: German and/or English							
03-98-SCB-192-	Single	Cell Bio	ology			'		'				
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S	`		) + Ü (0,5) le taught in: Engl	isch						
	Method	d of ass	essment	Langu	tten examination lage of assessme able for bonus	(approx. 60 minutes) nt: English						
	Particip cation		nd allo- es	M.Sc.	Biomed: 156 Biochem: 156 Biowis: 106							
<b>Compulsory Elective</b>	es 2 (40	ECTS c	redits)									
Focus Expert Key C	ualificat	ions (p	ractice or	iented)	(40 ECTS credits	s)						
Subfield Research	oriented	Projec	ts (30 ECT	S cred	its)							
08-MBC-AP1-152-	Practic	al cours	se - abroa	d 1								
mo1	ECTS	30	Duratio	1		Method of grading	(not) successfully comp	leted   Modul level	graduate			
	Course	S	,	No courses assigned to module								
	Method	d of ass	essment	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								
	Additio	nal Info	ormation	on Duration of practical course: no less than 15 weeks.								

o8-MBC-AP2-152-	Practic	al cour	se - abroa	d 2				1					
mo1	ECTS	15	Duration	າ 1	semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No cours	ses assigned to n	nodule							
				(groups	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) anguage of assessment: German or English								
	Additio	nal Info	ormation	Duration	ration of practical course: no less than 8 weeks.								
o8-MBC-EP1-152-	Practic	al cour	se - extern	al 1				,					
mo1	ECTS	15	Duration	1 1	semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No cours	ses assigned to n	nodule							
	Method	d of ass	sessment	(groups	(approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) uage of assessment: German or English								
	Additio	onal Information   Duration of practical course: no less than 8 weeks.											
o8-MBC-EP2-152-	Practic	al cour	se - extern	ıal 2									
mo1	ECTS	15	Duration	າ 1	semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No cours	ses assigned to n	nodule		,					
	Method	d of ass	sessment	(groups	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								
	Additio	itional Information Duration of practical course: no less than 8 weeks.											
o8-MBC-LP1-152-	Practic	al lab c	ourse 1					,					
mo1	ECTS	15	Duration	າ 1	semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No cours	ses assigned to n	nodule							
	Method	d of ass	sessment	(groups	of 2: approx. 30	or b) oral examination minutes, groups of 3: a : German or English	n of one candidate each (app approx. 40 minutes) or d) pre	rox. 20 minutes) sentation/talk (a	or c) oral examination in groups approx. 15 to 30 minutes)				
	Additio	nal Info	ormation	Duration	of practical cou	rse: no less than 8 wee	eks.						
o8-MBC-LP2-152-	Practic	al lab c	ourse 2					,					
mo1	ECTS	15	Duration	1 1	semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No cours	No courses assigned to module								
	Method of assessment			(groups	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								
	Additio	dditional Information Duration of practical course: no less than 8 weeks.											

o8-MBC-LP3-152-	Practic	al lab c	ourse 3										
mo1	ECTS	10	Duration	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	s	•	No co	urses assigned to	module		•	•				
	Method	d of ass	essment	(grou	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) anguage of assessment: German or English								
	Additio	nal Info	rmation	Durat	ion of practical cou	ırse: no less than 6 wee	eks.						
o8-MBC-LP4-152-	Practic	al lab c	ourse 4		·								
mo1	ECTS	10	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No co	urses assigned to	module		'	•				
	Method	d of ass	essment	(grou	g (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups ups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) guage of assessment: German or English								
	Additio	nal Info	rmation	Durat	ration of practical course: no less than 6 weeks.								
o8-MBC-LP5-152-	Practic	al lab c	ourse 5										
mo1	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No co	urses assigned to	module							
	Method	d of ass	essment	(grou	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								
	Additio	nal Info	rmation	Durat	Duration of practical course: no less than 3 weeks.								
08-MBC-LP6-152-	Practic	al lab c	ourse 6										
mo1	ECTS	5	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No co	urses assigned to	module							
	Method	Method of assessment a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in g (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	Durat	ion of practical cou	ırse: no less than 3 wee	eks.						
o8-MBC-WR2-152-	Scienti	fic lectu	ıring M2	•									
mo1	ECTS 5 Duratio			n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S	_	No co	urses assigned to	module		•					
				Preparing and supervising study groups: 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									

o8-MBC-	Assis	stance in p	ractical (	course	5 2				-					
AWA2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate					
	Cour	ses	-	No co	No courses assigned to module									
	Meth	od of asse	essment	Prepa	Preparing and supervising student lab courses: assessment to be successfully completed (type and length of assessment to									
					pe specified at the beginning of the course)									
	Language of assessment: German or English  re Qualifications (10 ECTS credits)													
<u>'</u>				5 credits)										
08-SCM3-152-m01					1	1								
	ECTS		Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Cour	ses		S (3)	-				_					
	Meth	od of asse	essment						ach (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	Bioa	norganic (	hemistr											
00 Nem2 132 mo1	ECTS		Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Cour	ses	ļ	S (3)										
	Meth	od of asse	essment		tten examination (ar	prox. 45 to 90 minut	tes) or b) oral examination of o	ne candidate ea	ach (20 to 30 minutes) or c) oral					
				exam	xamination in groups of up to 3 candidates (15 to 30 minutes per candidate)									
				Language of assessment: German and/or English										
08-OCM-NAT-152-				of natural product Chemistry and Biological Chemistry										
mo1	ECTS		Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Cour			S (3)										
	Meth	od of asse	essment				tes) or b) oral examination of o 15 to 30 minutes per candidate)		ach (20 to 30 minutes) or c) oral					
						German and/or Engl		1						
	Partio	cipants an	d allo-					rding to the nur	nber of subject semesters. Among					
		n of place		applic	cants with the same	number of subject se	emesters, places will be allocat		iting list will be maintained and					
		,		<u>'</u>	s re-allocated by lot	as they become avai	lable.	1						
08-HKM1-152-m01		no- and B												
	ECTS	5	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses S (3)													
	Meth	od of asse	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									
				Lange		- German and/or Lingi	.1311	-1						

07-MS2BI-152-m01	Bioinfo	rmatics	<u> </u>										
	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S	•		+ S (1) lle taught in: Germ	an and/or English		•					
	Method	d 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-MS3S-152-m01	System	ıs Biolo	gy										
	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			+ S (1) ule taught in: German and/or English								
	Method	d of ass	essment	c) ora d) ora	a) written examination (30 to 60 minutes, including multiple choice questions) or b) 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) b) anguage of assessment: German and/or English								
07-MLS1-152-m01	Method	ds in Lif	e Science	S									
	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (3) Modu	(3) Nodule taught in: English								
	Method	d of ass	essment	wing natio	Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the fol wing options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (30 to 60 minutes) Language of assessment: English								
03-VTK-152-m01	Animal	science	e and wel	fare									
	ECTS	3	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate				
	Course	S		V (2)	+ P (1)	•		•					
	Method	d of ass	essment		n examination (ap	prox. 90 minutes) it: German and/or Eng	lish						
	other p	rerequi	sites	Regular attendance of practical course (as specified at the beginning of the course).									
08-MBC-WR1-152-	Scienti	fic lectu	ıring M1										
mo1	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		T (o)									
	Method	od of assessment Preparing and supervising study groups, wrap-up report (approx. 2 pages) Language of assessment: German and/or English											

o8-MBC-	Assista	ance in	practical (	course	S 1		,				
AWA1-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course			T (o)							
	Method	d of ass	essment			g student lab courses, wrap-up report (approx. 1 pa	ge)				
				Langu	lage of assessment:	German and/or English					
08-MBC-LIT3-152-		ure sem			i		1				
mo1	ECTS	5	Duratio		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	!S		S (2) Modu	le taught in: Germa	n or English					
	Method	d of ass	essment	presentation (20 to 40 minutes) Language of assessment: German and/or English							
Focus - Expert Key	Qualific	ations (	40 ECTS o	redits							
<b>Subfield Research</b>	oriented	l Projec	ts (20 EC1	'S cred	its)						
o8-MBC-AP1-152-	Practic	al cours	se - abroa	d 1							
mo1	ECTS	30	Duratio	n		Method of grading (not) successfully completed	Modul level	graduate			
	Course	S	,	No co	urses assigned to m	nodule	•				
	Method	d of ass	essment	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in grading (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	ation Duration of practical course: no less than 15 weeks.							
08-MBC-AP2-152-	Practic	al cours	se - abroa	d 2							
mo1	ECTS	15	Duratio	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course	·S		No co	urses assigned to m	nodule					
	Method	d of ass	essment	(grou		or b) oral examination of one candidate each (appr ninutes, groups of 3: approx. 40 minutes) or d) pres German or English					
	Additio	nal Info	rmation	Durat	ion of practical cour	se: no less than 8 weeks.					
o8-MBC-EP1-152-	Practic	al cours	se - exterr	ial 1							
mo1	ECTS	15	Duratio	1	1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course	·S		No courses assigned to module							
	Method	d of ass	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in 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	dditional Information   Duration of practical course: no less than 8 weeks.									

08-MBC-EP2-152-	Practic	al cours	se - exterr	nal 2					1				
mo1	ECTS	15	Duratio	1 1 5	emester	Method of grading (no	t) successfully completed	Modul level	graduate				
	Course		·		es assigned to n								
	Method	d of ass	essment	(groups o	) 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) anguage of assessment: German or English								
	Additio	nal Info	ormation	Duration (	uration of practical course: no less than 8 weeks.								
08-MBC-LP1-152-	Practic	al lab c	ourse 1										
mo1	ECTS	15	Duratio	1 1 5	emester	Method of grading (no	t) successfully completed	Modul level	graduate				
	Courses			No course	courses assigned to module								
	Method	d of ass	essment	(groups o	(approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups of 3: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation/talk (approx. 15 to 30 minutes) age of assessment: German or English								
	Additio	ional Information Duration of practical course: no less than 8 weeks.											
08-MBC-LP2-152-		al lab c	ourse 2										
mo1	ECTS 15 Duratio			1 S	emester	Method of grading (no	t) successfully completed	Modul level	graduate				
	Course	S		No course	es assigned to n	nodule							
	Method	d of ass	essment	(groups o	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								
	Additio	nal Info	ormation	Duration	Duration of practical course: no less than 8 weeks.								
o8-MBC-LP3-152-	Practic	al lab c	ourse 3	,									
mo1	ECTS	10	Duration	1 1 5	emester	Method of grading (no	t) successfully completed	Modul level	graduate				
	Course	S		No course	es assigned to n	nodule							
	Method	d of ass	essment	(groups o	f 2: approx. 30 i		one candidate each (approrox. 40 minutes) or d) pres		or c) oral examination in groups approx. 15 to 30 minutes)				
	Additio	nal Info	ormation	Duration (	of practical cou	rse: no less than 6 weeks.							
o8-MBC-LP4-152-	Practic	al lab c	ourse 4										
mo1	ECTS	10	Duratio	1 1 5	1 semester Method of grading (not) successfully completed Modul le				graduate				
	Courses			No course	No courses assigned to module								
	Method of assessment			(groups o	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								
			rmation	Duration of practical course: no less than 6 weeks.									

08-MBC-LP5-152-	Practic	al lab co	ourse 5										
mo1	ECTS	5	Duration	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S	•	No co	ourses assigned to n	nodule		-					
	Method	l of asse	essment	(grou	) 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) anguage of assessment: German or English								
	Additio	nal Info	rmation	Durat	ion of practical cou	rse: no less than 3 we	eeks.	,					
o8-MBC-LP6-152-	Practic	al lab co	ourse 6										
mo1	ECTS	5	Duration	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S	No courses assigned to module										
	Method	a) log (approx. 20 pages) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in grou (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	Durat	Ouration of practical course: no less than 3 weeks.								
o8-MBC-WR2-152-	Scienti	fic lectu	ıring M2										
mo1	ECTS 5 Duratio			n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		No co	ourses assigned to n	nodule							
	Method	Method of assessment   Preparing and supervising study groups: assessment to be successfully completed (type and length of assessment cified at the beginning of the course)   Language of assessment: German or English						d length of assessment to be spe-					
o8-MBC-	Assista	nce in p	oractical o	course	S 2								
AWA2-152-m01	ECTS	5	Duration	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S	•	No co	ourses assigned to n	nodule		-					
	Method	l of asse	essment	be sp	ecified at the begin		s: assessment to be successful	ly completed (ty	ype and length of assessment to				
<b>Subfield Completiv</b>	e Qualifi	ications	(20 ECTS	credi	ts)								
08-SCM3-152-m01	Bioorga	anic Cho	emistry										
	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	s		S (3)									
	Method	l of asse	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	Bioanorg	ganic C	hemistry	,		1								
	ECTS !	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			S (3)	•	•								
	Method	of asse	ssment	a) wri	) 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)									
O O CAA NAT		Language of assessment: German and/or English  Modern aspects of natural product Chemistry and Biological Chemistry												
08-0CM-NAT-152- mo1														
11101	ECTS 4		Duration	,	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			S (3)										
	Method	of asse	ssment	exam	ination in groups of	up to 3 candidates (1	5 to 30 minutes per can		ach (20 to 30 minutes) or c) oral					
						German and/or Engl								
	Participa cation of			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 Bio	and Biocatalysis											
	ECTS !	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			S (3)	•				•					
	Method	of asse	ssment	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or examination in groups of up to 3 candidates (15 to 30 minutes per candidate)  Language of assessment: German and/or English										
03-MS2H-	Human g	man genetics												
G-152-m01	ECTS :	10	Duration	1	2 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2) - Modu	+ S (2) le taught in: Germar	n or English								
	Method	of asse	ssment	exam	ination in groups of		5 to 30 minutes per can		nch (20 to 30 minutes) or c) oral					
07-MS2BI-152-m01	Bioinfor	matics												
	ECTS 2	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Courses			V (2) + S (1) Module taught in: German and/or English										
	Method	of asse	ssment											

07-MS3S-152-m01	Systen	ns Biolo	gy			,						
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S			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-MLS1-152-m01	Methods in Life Sciences											
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	!S		V (3) Modu	le taught in: Engli	sh						
	Method of assessment			wing nation	Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (30 to 60 minutes) anguage of assessment: English							
03-VTK-152-m01	Animal	science	e and welf	are								
	ECTS 3 Duratio			1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses			V (2) ·	V (2) + P (1)							
	Method	d of ass	essment	written examination (approx. 90 minutes) Language of assessment: German and/or English								
	other p	rerequi	sites	Regular attendance of practical course (as specified at the beginning of the course).								
08-MBC-WR1-152-	Scienti	ific lectu	uring M1									
mo1	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	:S		T (o)								
				Preparing and supervising study groups, wrap-up report (approx. 2 pages) Language of assessment: German and/or English								
o8-MBC-	Assista	ance in	practical c	ourse	5 1							
AWA1-152-m01	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	25		T (o)								
	Method	d of ass	essment	Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English								
08-MBC-LIT3-152-	Literat	ure sem	inar 3									
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course			S (2) Modu	le taught in: Germ	an or English	•					
	Method	d of ass	essment		ntation (20 to 40 r lage of assessmer	ninutes) it: German and/or Eng	rlish					

03-MBC-TG-161-	Tumor	Genetic	:s		1								
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade		Modul level	graduate				
	Course	·S			V (1) + S (1) Module taught in: English								
	Method	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									
Focus - Expert Key	Qualific	ualifications (project oriented) (40 ECTS credits)											
Subfield Project at	ttendant	Module	s (30 ECT	S cred	its)								
o8-MBC-	Specia	Special lectures 1											
FTSV1-152-m01	ECTS	5	Duratio		1 semester	Method of grading (not) successfully com	npleted	Modul level	graduate				
	Course	S		V (2) Modu	V (2) Module taught in: German or English								
	Method	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									
	other p	rerequi	sites	_		ee programme coordinator in advance.							
o8-MBC-	Special lectures 2												
FTSV2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (not) successfully com	npleted	Modul level	graduate				
	Courses			V (2) Module taught in: German or English									
	Method	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									
	other p	rerequi	sites	Please consult with degree programme coordinator in advance.									
o8-MBC-		<u>-</u>			poster presentatio								
FTKP1-152-m01	ECTS 5 Duratio				1 semester	Method of grading (not) successfully com	npleted	Modul level	graduate				
	Courses				R (o) Module taught in: German or English								
	Method of assessment					: German and/or English							
	other p	rerequi	sites	Pleas	e consult with degr	ee programme coordinator in advance.							

o8-MBC-	Confere	nce pa	rticipatio	n with	with poster presentation 2						
FTKP2-152-m01	ECTS	5	Duration	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Courses	5		R (o)							
					Module taught in: German or English						
	Method	of ass	essment		Poster (1 page)						
					Language of assessment: German and/or English						
	other prerequisites				Please consult with degree programme coordinator in advance.						
08-MBC-					rith lecture 1						
FTKV1-152-m01	ECTS	10	Duration		1 semester Method of grading (not) successfully completed Modul level graduate						
	Courses	5		R (o)		F 11.1					
		_			le taught in: Germa		1				
	Method	of ass	essment		ntation (20 to 40 m	inutes) :: German and/or English					
	-41		-:								
- O MDC	other pr					ee programme coordinator in advance.					
08-MBC- FTKV2-152-m01			rticipatio			Marked of Control	1 0 0 1 1	Lauradorata			
1111112 152 11101		10	Duration		1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Courses			R (o) Module taught in: German or English							
	Mathad	of occ		presentation (20 to 40 minutes)							
	Method of assessment			Language of assessment: German and/or English							
	other prerequisites			Please consult with degree programme coordinator in advance.							
o8-MBC-	Excursion										
FTEX1-152-mo1	ECTS 5 Duratio				1 semester	Method of grading (not) successfully completed	Modul level	graduate			
-	Courses			E (1)	1 Jennester	method of glading (not) successfully completed	Modulitevel	Sidducte			
	Courses	Courses			Module taught in: German or English						
	Method	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						
	method of dosessment			to 30	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 pr		sites	Please consult with degree programme coordinator in advance.							
o8-MBC-	Excursion										
FTEX2-152-m01	ECTS	5	Duration		1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Courses	Courses			E (1)						
	Method of assessment			Module taught in: German or English							
				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)							
					to 40 minutes) Language of assessment: German and/or English						
	other prerequisites				Please consult with degree programme coordinator in advance.						
Master's with 1 major B			1			IMILWürzburg • generated 20.0kt.20		record 88loar LLIHlanda Page 38 / 22			

o8-MBC-FT-	Semina	ar 1									
SE1-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (	not) successfully completed	Modul level	graduate		
	Course	S		S (2) Modu	S (2) Module taught in: German or English						
	Method of assessment			to 30 to 40	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 coordina	ator in advance.				
o8-MBC-FT-	Semina	ar 2									
SE2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (	not) successfully completed	Modul level	graduate		
	Course	S		S (2) Modu	le taught in: Germ	an or English					
	Method	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							
	other prerequisites			Please consult with degree programme coordinator in advance.							
o8-MBC-FT-	Semina	ar 3									
SE3-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (	not) successfully completed	Modul level	graduate		
	Courses			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	rerequi	sites	Please consult with degree programme coordinator in advance.							
o8-MBC-	Worksh	10p 1									
FTWS1-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (	not) successfully completed	Modul level	graduate		
	Course	S	•	R (o) Modu							
	Method	d of ass	essment		Wrap-up report (approx. 2 pages) Language of assessment: German and/or English						
	other prerequisites			Pleas	e consult with deg	ree programme coordina	ator in advance.				

o8-MBC-	Worksh	Workshop 2										
FTWS2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Courses	S		R (o) Module taught in: German or English								
	Method	l of asso	essment		Wrap-up report (approx. 2 pages)							
	other prerequisites					German and/or English						
o8-MBC-	<u> </u>	•	sites	Pleas	Please consult with degree programme coordinator in advance.							
FTWS3-152-mo1	Worksh ECTS	<b>10p 3</b>	Duratio	 n	1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Courses			R (o)	le taught in: Germar		ļ.	10				
			(-	Langu		German and/or English	,					
	other p	•			Please consult with degree programme coordinator in advance.							
o8-MBC-FT-			oractical o									
PB1-152-m01	ECTS 5 Duratio				1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Courses			T (o) Module taught in: German or English								
	Method	l of asso	essment		Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English							
o8-MBC-FT-	Assista	nce in p	oractical (	course	ourses 2							
PB2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Courses			T (o) Module taught in: German or English								
	Method of assessment Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English											
Subfield Completiv	⁄e Qualifi	ications	(10 ECTS	credit	s)							
08-SCM3-152-m01	Bioorga	anic Che	emistry									
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses	S		S (3)								
	Method of assessment											

08-ACM2-152-m01	Bioano	rganic (	Chemistry	,	,	1		,				
	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (3)	$\sigma(3)$							
	Method	d of ass	essment	exam	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)							
08-OCM-NAT-152-	Moderi	Language of assessment: German and/or English  Modern aspects of natural product Chemistry and Biological Chemistry										
mo1	ECTS	5	Duration		1 semester	Method of grading	<u></u>	Modul level	graduate			
	Course		Duration	S (3)	1 Jennester	Method of glading	numerical glade	Modulitevel	graduate			
	Method	d of ass	essment	a) wri exam	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							
	cation	oants ar of place	es .	appli place	iochemie (Biochemistry), Master's: 20 places. Places will be allocated according to the number of subject semesters. Among pplicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and laces re-allocated by lot as they become available.							
08-HKM1-152-m01	Organo	o- and B	iocatalys	is								
	ECTS 5 Duration				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	Duration	า	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 ass	essment	c) ora d) ora	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	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S			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-MLS1-152-m01	Metho	ds in Lif	e Science	S							
	ECTS	10	Duration	n	1 semester	Method of grading   numerical grade	Modul level	graduate			
	Course	S		V (3) Modu	V (3) Module taught in: English						
	Method	d of ass	essment	wing nation	Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (30 to 60 minutes) Language of assessment: English						
03-VTK-152-m01	Animal science and welfare										
	ECTS	3	Duration	n	1 semester	Method of grading (not) successfully complete	d Modul level	undergraduate			
	Course	S		V (2) ·	+ P (1)						
	Method	d of ass	essment	writte Langu	written examination (approx. 90 minutes) Language of assessment: German and/or English						
	other p	rerequi	sites	Regul	ar attendance of pr	actical course (as specified at the beginning of the	course).				
08-MBC-WR1-152-	Scienti	fic lectu	ıring M1								
mo1	ECTS	5	Duration		1 semester	Method of grading (not) successfully complete	d Modul level	graduate			
	Course			T (o)	, ,						
	Method	d of ass	essment		Preparing and supervising study groups, wrap-up report (approx. 2 pages) Language of assessment: German and/or English						
o8-MBC-	Assistance in practical courses 1										
AWA1-152-m01	ECTS 5 Duration		Duration	n	1 semester	Method of grading (not) successfully complete	d Modul level	graduate			
	Courses			T (o)							
	Method	d of ass	essment	Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English							
o8-MBC-LIT3-152-	Literat	ure sem	inar 3								
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		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 credit	ts)									
08-MBC-KOLL-152-	Final C	olloquiı	ım								
mo1	ECTS	5	Duration	n	1 semester	Method of grading   numerical grade	Modul level	graduate			
	Course	S		K (o)							
	Method	d of ass	essment		colloquium (approx. uage of assessment	. 45 minutes) : German and/or English					

	o8-MBC-MA-152-	Master-Thesis										
	mo1	ECTS	S 25 Duration 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 to complete: 6 months.												