

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

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

= lecture

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

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

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

= list of modules

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

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

modules in this SFB: ditable for bonus.

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

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

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

individual assessments.

Examination regulations version: 2026

Examination regulations version: 2026

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)):

??-???-2026 (2026-??)

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

Every module will be described using the following form:

Abbreviation	Module title											
	ECTS		Duration	(in semesters)	Method of grading		Module level					
	Courses		To be sp	ecified in the form X	ekly contact hours y							
	Method of as	sessm	ent									
	Only after successful completion of			fapplicable								
	Other prereq	uisites	if applic	able								
	Participants and allocation of places		ocati- if applic	able								
	Additional information		ion if applic	able								
	Referred to in	Referred to in LPO I i		able (examination re	gulations for teachin	g-degree programmes)						

Compulsory Electives 1 (50 ECTS credits) Choosing a focus area: this must be fully completed. Focus - Molecular Life-Sciences (50 ECTS credits) Subfield - Structural and Functional Biochemistry (30 ECTS credits) o8-MBC-**RNA** worlds RNAW-152-mo1 **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 08-MBC-LCP-152-Life cycle of proteins mo1 Method of grading | numerical grade **ECTS** Duration 1 semester 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 08-MBC-RNP-152-Structure and function of RNA-protein complexes mo₁ ECTS 10 Duration 1 semester Method of grading | numerical grade 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

08-MBC-PQK-152-	Protein	quality	control									
mo1	ECTS	10	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		Ü (6) Modu	Ú (6) Module taught in: German or English							
	Method	d of asse	essment	b) ora c) ora d) pre Langu	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) c) anguage of assessment: German and/or English c) Assessment offered: Once a year, summer semester							
o8-MBC-MK-152-	Macron	nolecul	ar Crystal	lograp	hy		'					
mo1	ECTS	10	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			2) + Ü (1) + P (5) odule taught in: German or English							
				b) log c) ora d) ora e) pre Langu Asses	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-161-	Mass-S	pectror	netry and	Prote	Proteomics							
mo1	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ S (1) + P (2) le taught in: Germa	n or English						
	Method	d of asso	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, winter semester								
	Particip cation (ants ar of place		67 places.								

08-MCM3-242-	Moderi	n Drug	Research	ı: Basi	cs and Drug Design		·					
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			+ Ü (1) ıle taught in: Germa	n or English						
	Method	d of ass	sessment	a) presentation (approx. 30 minutes) or b) written examination (approx. 45 to 90 minutes) Language of assessment: German and/or English								
	Particip cation		nd allo- es	numb ven p 6 plad numb 2 plad of sul	places for students of the Master's degree programme Chemie (Chemistry): Places will be allocated according to the same imber of subject semesters; students who have chosen Medizinische Chemie (Medicinal Chemistry) as their focus will be given preferential consideration. places for students of the Master's degree programme Biochemie (Biochemistry): Places will be allocated according to the imber of subject semesters; among applicants with the same number of subject semesters, places will be allocated by lot. places for students of the Master's degree programme MINT-Lehramt PLUS: Places will be allocated according to the number subject semesters; among applicants with the same number of subject semesters, places will be allocated by lot; a waiting the will be maintained and places re-allocated by lot as they become available.							
08-MCM4-242-	Moderi	Modern Drug Research 2: Technologies - Targets - Modalities										
mo1	ECTS 5 Duratio			n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (2) Modu	Module taught in: German or English							
	Method of assessment			a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) Language of assessment: German and/or English								
03-MBC-PBP-172-	Biophy	sics of	Proteins									
mo1	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			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								
	Particip cation		nd allo- es	Biochemie (Biochemistry) Master's: 63 places.								

08-MBC-EMV-172-													
mo1	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S	·	V (1) +									
					le taught in: German								
	Method	d of ass	essment		a) written examination (approx. 45 to 90 minutes) or								
					o) log (20 to 30 pages) or) oral examination of one candidate each (20 to 30 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) or								
				e) pre	presentation (20 to 40 minutes)								
					anguage of assessment: German and/or English								
08-MBC-EMP-172-	=				croscopy and image								
mo1	ECTS	10	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	S		P (8)	,								
					le taught in: German								
	Method of assessment			a) log	(20 to 30 pages) or	a candidate each (ao to ao minutes) er							
				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-			1		ering Protein World		•						
mo1	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate					
	Courses				- S (1) le taught in: Germar	n or English							
	Method	d of ass	essment	a) written examination (30 to 60 minutes; also multiple choice) 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) 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: German and/or English Assessment offered: Once a year, winter semester									

08-MBC-FPP-232-	The Fu	nctional	Proteom	e: Org	anization, Modulat	tion and Dynamics						
mo1	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		Ü (6) Modu	Ü (6) Module taught in: German or English							
	Method	d of asso	essment	b) ora c) ora d) pre Stude Langu	a) log (approx. 10 to 20 pages) 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: German and/or English Assessment offered: Once a year, winter semester							
	other p	rerequi	sites	Stude	nts are highly reco	mmended to complet	e module o8-MBC-FPV in the s	ame semester.				
		pants ar of place		of sub	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.							
07-MS2B-	Biophysics and Molecular Biotechnology											
T-262-m01	ECTS 10 Duratio			n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses				V (2) + S (1) Module taught in: 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								
	other p	rerequi	sites	Cannot be combined with o7-MS2BTB.								
	Participants and allocation of places			MA Biochemie: 4 There is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry students. Selection is based on academic progress (number of semesters completed); in case of a tie, places will be allocated by lottery; any places that become available after the initial registration period will be allocated by lottery.								
08-MBC-LIT1-152-	Literati	ure sem	inar 1									
mo1	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			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	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S			V (1.5) + Ü (0.5) Module taught in: English									
	Method	d of asso	essment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus										
		oants ar of place		M.Sc. M.Sc.	M.Sc.Biomed: 15 M.Sc. Biochem: 15 M.Sc. Biowis: 10 Selection process: allocation by lot									
Subfield - Molecula	ar and M	and Medical Cell Biology (20 ECTS credits)												
03-MS2H-	Human genetics													
G-152-m01	ECTS	10	Duratio	n	2 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		V (2) - Modu	+ S (2) le taught in: Germa	an or 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) Language of assessment: German and/or English										
08-PH-KAC-152-	Clinica	l-analyt	ical Chen											
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate					
	Course	S		V (3)										
	Method	d of ass	essment	writte	n examination (app	prox. 120 minutes)								
08-PH-KACP-152-	Practic	al cours	e of clini	cal-ana	al-analytical Chemistry									
mo1	ECTS 5 Duratio			1 semester Method of grading			(not) successfully complete	ed Modul level	undergraduate					
	Course			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)											

07-MS2M1-262-	Microb	iology 1	l .				,	·				
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S			V (2) + S (1) Wodule taught in: German and/or English							
	Method	d of ass	essment	c) ora d) ora	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) Language of assessment: German and/or English							
	other p	rerequi	sites	May r	ot be combined w	vith 07-MS2INF-BC.						
		oants ar of place		There Selec	A Biochemie: 15 lere is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry students. election is based on academic progress (number of semesters completed); in case of a tie, places will be allocated by lotters; any places that become available after the initial registration period will be allocated by lottery.							
07-MS2M2-262-	Microb	iology 2	2				,					
mo1	ECTS	10	Duratio	n	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	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) Language of assessment: German and/or English								
	other p	rerequi	sites	May r	May not be combined with o7-MS2PA-BC.							
		oants ar of place		MA Biochemie: 15 There is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry students. Selection is based on academic progress (number of semesters completed); in case of a tie, places will be allocated by lottery; any places that become available after the initial registration period will be allocated by lottery.								
07-MS2INF-	Infection	on Biolo	gy for Bio	ochemi	stry Students		,					
BC-262-mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		V (2) Modu	le taught in: Germ	an and/or English						
	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) Language of assessment: German and/or English								
	other prerequisites			May r	ot be combined w	vith 07-MS2M1.						

07-MS2PA-	Pathogeni	icity of Microo	rganis	ms for Biochemistry	/ Students		-				
BC-262-m01	ECTS 5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	,	V (2) Modu	le taught in: English							
	Method of	assessment	c) ora d) ora	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) Language of assessment: German and/or English							
	other prer	equisites	May r	ot be combined with	h 07-MS2M2.		,				
03-MS2lM1-152-	Immunolo	gy 1									
mo1	ECTS 10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses	·	V (1) - Modu	- S (2) le 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, winter semester								
	Participan cation of p	ts and allo- 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-	Immunology 2										
mo1	ECTS 10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			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								
	Participan cation of p	ts and allo- 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-MS2V1-152-	Virolog	y 1										
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade		Modul level	graduate			
	Course	S		V (1) - Modu	- S (2) le taught in: English	1						
	Method	d of ass	essment	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 Assessment offered: Once a year, winter semester							
	Particip cation (appli	iochemie (Biochemistry), Master's: 3 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.							
03-MS2V2-152-	Virolog	y 2										
mo1	ECTS	10	Duratio	n	1 semester	Method of grading numerical grade		Modul level	graduate			
	Course	S			/ (1) + S (2) Module taught in: 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 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. Amo applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained an places re-allocated by lot as they become available.								
03-98-PBG-152-	Bacteri	al gene	tics - Infe	ctiolog	ву							
mo1	ECTS	5	Duratio		1 semester	Method of grading numerical grade		Modul level	undergraduate			
	Course			$V(1) + S(1) + \ddot{U}(4)$								
	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)								
	Particip cation (appli	cants with the same), Master's: 4 places. Places will be allo e number of subject semesters, places v t as they become available.	ocated accord will be allocat	ing to the numled by lot. A wai	ber of subject semesters. Among iting list will be maintained and			

03-98-MVKB-152-	Cardio	Cardiovascular Biology											
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2) Modu	V (2) Module taught in: German or English								
				b) log c) ora d) ora e) pre Stude Langu	a) written examination (30 to 60 minutes) or c) log (approx. 10 to 20 pages) or c) 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 c) presentation (20 to 45 minutes) or c) presentation (20 to 45 minutes) or c) presentation (20 to 45 minutes) or c) the course will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German and/or English chassessment offered: Once a year, winter semester								
03-98-MV-	Molecu	Molecular Oncology											
MO-152-m01	ECTS	5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2) Modu	V (2) Module taught in: German or English								
				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 and/or English Assessment offered: Once a year, winter semester								
03-ONC-CLIN-152-		l Oncolo											
mo1		5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S		V (2) Module taught in: German or English									
	Method	d of ass	essment	a) written examination (30 to 60 minutes) 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) 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 Biology												
SZ-152-m01	ECTS	5	Duratio	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es		V (2) Modu	le taught in: Germ	an or English		,					
	Metho	d of ass	essment	b) log c) ora d) ora e) pre Stude Langu	any written examination (30 to 60 minutes) or by log (approx. 10 to 20 pages) or continuous of one candidate each (30 to 60 minutes) or continuous of one candidate each (30 to 60 minutes) or continuous of up to 3 candidates (approx. 30 to 60 minutes) or continuous or continuous or continuous of up to 3 candidates (approx. 30 to 60 minutes) or continuous or continuous of up to 3 candidates (approx. 30 to 60 minutes) continuous or continuous o								
03-98-MV-	Clinica	l Neuro	biology										
KN-152-m01	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es		V (2) Modu	+ S (2) le taught in: Engli	sh							
				c) ora d) pre Stude Langu	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	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es		V (2) Module taught in: German or English									
	Method of assessment			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 Assessment offered: Once a year, winter semester						e course.			
08-MBC-LIT2-152-	Literat	ure sen	ninar 2										
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	es	·	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									

03-MBC-TG-161-	Tumor	Geneti	cs			"								
mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade		Modul level	graduate				
	Course	S		V (1) -				•		•				
					Module taught in: English									
	Method	d of ass	essment) written examination (approx. 45 to 90 minutes) or									
					o) log (20 to 30 pages) or) oral examination of one candidate each (20 to 30 minutes) or									
						groups of up to 3 candi		tes per cand	didate) or					
				e) pre	sentation (20 to $\frac{1}{2}$	o minutes)		•	ŕ					
				Langu	lage of assessme	nt: German and/or Eng	lish							
Focus - Molecular	Oncology	/ (50 E(TS credit	s)										
Subfield - Tumor B	iology (3	5 ECTS	credits)											
03-98-MV-	Molecu	lar On	cology											
MO-152-mo1	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade		Modul level	graduate				
	Courses			V (2)				,						
					le taught in: Germ									
	Method	d of ass	sessment	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)									
						ed about the method,		he assessm:	nent prior to th	ne course.				
						nt: German and/or Eng								
an ONC CLIN and	Clinian	0		Asses	Sment onerea: Of	nce a year, winter seme	ester							
03-ONC-CLIN-152- m01	Clinica					Mathadat awadina	I mana a mia a la ama al a		Madul laval	I awa du aka				
11101		5	Duratio		1 semester	Method of grading	numerical grade		Modul level	graduate				
	Course	S 		V (2) Module taught in: German or English										
	Method	d of ass	sessment	t a) written examination (30 to 60 minutes) 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) 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-	Oncolo	gy Sem	inar 1								
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	!S		S (1) Modu	S (1) Module taught in: German or English						
	Method	d of ass	essment	a) wri b) pre	a) written examination (approx. 45 to 90 minutes) or b) presentation (20 to 40 minutes) Language of assessment: German and/or English						
		pants ar of place		Bioch applic	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-	Oncolo	gy Sem	inar 2	•							
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	!S		S (1) Modu	le taught in: Germa	ın or English					
	Method	d of ass	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						
		pants ar of place		applic	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-	Experimental Tumor Biology										
mo1	ECTS	10	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			P (8) Module taught in: German or English							
	Method of assessment			a) Log (20 to 30 pages) or b) presentation (20 to 40 minutes) Language of assessment: German and/or English							
		pants ar of place		applic	cants with the same	y), Master's: 18 places. Places will be alloca e number of subject semesters, places will t as they become available.					
03-ONC-LAB1-152-	Lab rot	ation O	ncology				'				
mo1	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			` ′	P (6) Module taught in: German or English						
	Method of assessment			a) Log (20 to 30 pages) or b) presentation (20 to 40 minutes) Language of assessment: German and/or English							
	Participants and allo- cation of places			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.							

o8-MBC-	RNA w		at Blocilei	mistry (15 ECTS credits)								
RNAW-152-mo1	ECTS	5	Duratio	n 1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	es	,	V (1) + S (1) Module taught in: Gerr	V (1) + S (1) Module taught in: German or English							
	Metho	d 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. Language of assessment: German and/or English								
08-MBC-LCP-152-	Life cy	cle of p	roteins		<u> </u>							
mo1	ECTS	5	Duratio	n 1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	es		V (1) + S (1) Module taught in: Gerr	nan or English							
	Metho	d of ass	sessment	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-	Struct	ure and	function o	of RNA-protein complex	es							
mo1	ECTS	10	Duratio	n 1 semester	Method of grading numerical grade	Modul level	graduate					
	Course	es		Ü (6) Module taught in: German or English								
	Metho	od of ass	sessment	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								

08-MBC-PQK-152-	Protein	quality	control								
mo1	ECTS	10	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		Ü (6) Modu	Ü (6) Module taught in: German or English						
	Method	d of asse	essment	b) ora c) ora d) pre Langu	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						
o8-MBC-MK-152-	Macron	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) le taught in: Germa	n or English					
				b) log c) ora d) ora e) pre Langu Asses	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-161-	Mass-S	pectror	netry and	Prote	omics						
mo1	ECTS	5	Duration		1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		V (2) + S (1) + P (2) Module taught in: German or English							
	Method	d of asso	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, winter semester							
	Participants and allo- cation of places			67 places.							

08-MCM3-242-	Modern Drug R	Research :	ı: Basi	cs and Drug Design						
mo1	ECTS 5	Duration	<u> </u>	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses		S (2) - Modu	- Ü (1) le taught in: German	or English					
	Method of asse	essment	a) presentation (approx. 30 minutes) or b) written examination (approx. 45 to 90 minutes) Language of assessment: German and/or English							
	Participants an cation of place		22 places. 16 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. 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. 2 places for students of the Master's degree programme MINT-Lehramt PLUS: 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-MCM4-242-	Modern Drug R	Research :	2: Tech	nologies - Targets -	Modalities		'			
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 assessment		a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) Language of assessment: German and/or English							
03-MBC-PBP-172-	Biophysics of F	Proteins								
mo1	ECTS 5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			V (2) + S (1) + P (2) Module taught in: English						
	Method 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							
	Participants an cation of place		Biochemie (Biochemistry) Master's: 63 places.							

08-MBC-EMV-172-	Electro	n micro	scopy and	d imag	e processing in stru	ictural biology						
mo1	ECTS	5	Duration	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S	·		V (1) + S (1)							
					le taught in: German							
	Method	d of ass	essment			pprox. 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 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) pre	e) presentation (20 to 40 minutes)							
			,,			German and/or English						
08-MBC-EMP-172-	=				croscopy and image							
mo1	ECTS	10	Duration	n P (8)	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses											
					le taught in: German							
	Method of assessment			a) log	(20 to 30 pages) or	a candidate each (ao to ao minutes) er						
				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-			1		ering Protein World		•					
mo1	ECTS	5	Duration		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			b) ora c) ora d) pre Stude Langu	a) written examination (30 to 60 minutes; also multiple choice) 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) 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: German and/or English Assessment offered: Once a year, winter semester							

08-MBC-FPP-232-	The Fu	nctional	Proteom	e: Org	anization, Modulat	tion and Dynamics					
mo1	ECTS	10	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		Ü (6) Modu	Ü (6) Module taught in: German or English						
	Method	d of asso	essment	b) ora c) ora d) pre Stude Langu	l examination in gresentation (20 to 4) ents will be informed age of assessmen	ne candidate each (30 roups of up to 3 candio 5 minutes)	dates (approx. 30 to 60 minute ength and scope of the assess lish		e course.		
	other p	rerequi	sites	Stude	nts are highly reco	mmended to complet	e module o8-MBC-FPV in the s	ame semester.			
		pants ar of place		of sub	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.						
07-MS2B-	Biophysics and Molecular Biotechnology										
T-262-m01	ECTS 10 Duratio			n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			V (2) · Modu	+ S (1) le taught in: Englis	sh		-			
	Method of assessment			c) ora d) ora	l examination of or Il examination in g	ne candidate each (30	dates (30 to 60 minutes)	ns) or			
	other p	rerequi	sites	Cannot be combined with o7-MS2BTB.							
	Participants and allocation of places			MA Biochemie: 4 There is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry students. Selection is based on academic progress (number of semesters completed); in case of a tie, places will be allocated by lottery; any places that become available after the initial registration period will be allocated by lottery.							
08-MBC-LIT1-152-	Literati	ure sem	inar 1								
mo1	ECTS	5	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			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 C	Cell Biol	ogy										
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses	;			V (1.5) + Ü (0.5) Module taught in: English								
	Method	of asse	ssment	Langua	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus								
	Participa cation o			M.Sc. I M.Sc. I	M.Sc.Biomed: 15 M.Sc. Biochem: 15 M.Sc. Biowis: 10 Selection process: allocation by lot								
		s 2 (40 ECTS credits) a; this must be fully completed.											
Focus Expert Key (Qualificati	alifications (practice oriented) (40 ECTS credits)											
Subfield Research	oriented	Projects	(30 ECT	S credit	ts)								
08-MBC-AP1-152-	Practical course - abroad 1												
mo1	ECTS	30	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Courses	;		P (o)		·							
	Method of assessment			b) oral c) oral d) pres	examination of o examination in g sentation/talk (ap	ne candidate each (ap	orox. 30 minutes, groups of 3: (approx. 40 mini	utes) or				
	Addition	nal Infor	mation	Duratio	on of practical cou	ırse: no less than 15 w	eeks.						
o8-MBC-AP2-152-	Practica	l course	- abroa	d 2									
mo1	ECTS	15	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Courses	;		P (o)									
	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 and/or English									
	Additional Information			Duration of practical course: no less than 8 weeks.									

08-MBC-EP1-152-	Practica	l cours	e - extern	al 1							
mo1	ECTS	15	Duration	า	1 semester	Method of grading (not) successfully completed Modul level graduate					
	Courses			P (o)							
	Method	of asse	essment		(approx. 20 pages)						
				b) oral examination of one candidate each (approx. 20 minutes) or							
						groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or pprox. 15 to 30 minutes)					
						nt: German and/or English					
	Addition	al Info	rmation	Durat	Duration of practical course: no less than 8 weeks.						
08-MBC-EP2-152-	Practical course - external 2										
mo1	ECTS	15	Duration	1	1 semester	Method of grading (not) successfully completed Modul level graduate					
	Courses			P (o)							
	Method	of asse	essment		(approx. 20 pages)						
						one candidate each (approx. 20 minutes) or					
						groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or pprox. 15 to 30 minutes)					
						nt: German and/or English					
	Addition	al Info	rmation	Durat	ion of practical cou	ourse: no less than 8 weeks.					
08-MBC-LP1-152-	Practical lab course 1										
mo1	ECTS	15	Duration	1	1 semester	Method of grading (not) successfully completed Modul level graduate					
	Courses			P (20)							
	Method	of asse	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						
						pprox. 15 to 30 minutes)					
						nt: German and/or English					
	Addition	al Info	rmation	Durat	ion of practical cou	ourse: no less than 8 weeks.					
08-MBC-LP2-152-	Practica	l lab co	ourse 2								
mo1	ECTS	15	Duration		1 semester	Method of grading (not) successfully completed Modul level graduate					
	Courses			P (20)							
	Method	of asse	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)							
				Langu	Language of assessment: German and/or English						
	Addition	al Info	rmation	Duration of practical course: no less than 8 weeks.							

08-MBC-LP3-152-	Practica	al lab c	ourse 3					1				
mo1	ECTS	10	Duration	1	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate			
	Courses	5		P (16)				`				
	Method	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 and/or English							
	Additio	nal Info	rmation			urse: no less than 6 w		,				
o8-MBC-LP4-152-	Practica	al lab c	ourse 4									
mo1	ECTS 10 Duratio			1	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate			
	Courses	5		P (16)								
	Method	of ass	essment		(approx. 20 pages							
							pprox. 20 minutes) or					
						roups (groups of 2: ap oprox. 15 to 30 minute	oprox. 30 minutes, groups of 3:	: approx. 40 mini	utes) or			
						it: German and/or Eng						
	Additio	nal Info	rmation	Durat	ion of practical cou	urse: no less than 6 w	<i>r</i> eeks.	,				
08-MBC-LP5-152-	Practical lab course 5											
mo1	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate			
	Courses	5		P (8)								
	Method	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 and/or English							
	Additio	nal Info	rmation	Durat	ion of practical cou	urse: no less than 3 w	eeks.					
o8-MBC-LP6-152-	Practica	al lab c	ourse 6									
mo1	ECTS	5	Duration	1	1 semester	Method of grading	(not) successfully completed	d Modul level	graduate			
	Courses	5		P (8)								
	Method	of ass	essment		(approx. 20 pages							
				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)								
				(11 [1]					I I			
						it: German and/or Eng						

08-MBC-WR2-152-	Scienti	fic lectu	ring M2									
mo1	ECTS	5	Duration	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Course	S	-	T (o)			`					
	Method	d of asse	essment		Preparing and supervising study groups: assessment to be successfully completed (type and length of assessment to be spe-							
					cified at the beginning of the course) Language of assessment: German and/or English							
o8-MBC-	Assistance in practical courses 2											
AWA2-152-m01	ECTS 5 Duratio			1	1 semester	Method of grading (not) successfully completed	Modul level	graduate				
	Courses			T (o)								
	Method	d of asse	essment	be sp	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 and/or English							
Subfield Completiv	e Qualif	ications	(10 ECTS	credit	s)							
08-SCM3-152-m01	Bioorg	anic Che	nic Chemistry									
	ECTS	5	Duratio	<u> </u>	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (3)								
	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 							
08-ACM2-242-m01	Bioino	rganic C	hemistry	•								
	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			S (3) Module taught in: German or 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) portfolio (approx. 30 hours total) Language of assessment: German and/or English								
08-0CM-BIO-242-	Moderi	n Aspect	ts of Biol	gical	Chemistry							
mo1	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			S (3) Module taught in: German or English								
	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							

08-HKM1-152-m01	Organo- and Biocatalysis											
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (3)								
	Method	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							
07-MS2BI-262-	Bioinfo	rmatics		, ,								
mo1	ECTS	10	Duration	 1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) +				'	,,			
	Mathad of assassment				le taught in: Germa							
	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							
	other p	rerequis	sites	Canno	Cannot be combined with 07-MBI-B.							
		ants an		MA Biochemie: 24 There is no limit to the number of participants for MA Biossianses students. Places are limited for MA Bioshamistry students.								
	cation of places			There is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry students. Selection is based on academic progress (number of semesters completed); in case of a tie, places will be allocated by lotte-								
								od will be allocated by l				
07-MS3S-261-m01	System	s Biolo	gy									
	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (2) -		./ = !: !						
	8.4.1			Module taught in: German and/or English								
	Methoc	of asse	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								
							idates (30 to 60 minute	s)				
				Langu	age of assessmen	t: German and/or Eng	glish					
		rerequis		Cannot be combined with 07-MS-B.								
07-MLS1-261-m01	Method	ls in Life	e Science	S								
	ECTS 10 Duratio				1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		V (3)								
					le taught in: Englis		السطام والمنافية	auastians) ar	_			
	Method	1 01 asse	essment	at 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: English								
				Cannot be combined with 07-MLS1B.								

mesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become ava ble. Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. Ethics of the Life Sciences	03-VTK-152-m01	Animal scien	ce and wel	fare								
Method of assessment of the prerequisites Regular attendance of practical course (as specified at the beginning of the course). OB-MBC-CTE-212-m01		ECTS 3	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
OB-MBC-CTE-212- mo1 Curent Topics in Ethics and Theory of Science		Courses		V (2)	+ P (1)			,				
Current Topics in Ethics and Theory of Science		Method of as	sessment	writte	en examination (ap	prox. 90 minutes)						
Course		other prerequ	iisites	Regu	lar attendance of p	ractical course (as spe	cified at the beginning of the c	ourse).				
Courses	08-MBC-CTE-212-	Current Topic	s in Ethics	and T	heory of Science			'				
Method of assessment a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 pages) or c) oral examination is 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 term Participants and allocation of places Additional Information Biochemie (Biochemistry), Master's: 30 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject mesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become ava ble. Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. Ethics of the Life Sciences ECTS 5 Duration 1 semester Method of grading numerical grade Modul level graduate Courses V(2) + S (1) Module taught in: German or English Method of assessment a) a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 pages) or c) 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, winter term Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. Literature seminar 3b Literature s	mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
b) term paper (8 to 12 pages) or c) or all examination of one candidate each (20 to 30 minutes) or d) or all examination of one candidates (15 to 30 minutes) or d) or all examination in groups of up to 3 candidates (15 to 30 minutes) per candidate) or e) presentation (20 to 40 minutes) Participants and allopages of assessment (Serman and/or English Assessment offered: Once a year, summer term Participants and allopages of assessment offered: Once a year, summer term Biochemic (Biochemistry), Master's: 30 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject mesters, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters. Among		Courses										
Cation of places Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject mesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become ava ble.		Method of as	sessment	b) ter c) ora d) ora e) pre Lange	b) term paper (8 to 12 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							
Sember Semantian Semester Method of grading numerical grade Modul level graduate				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.								
ECTS 5 Duration 1 semester Method of grading numerical grade Modul level graduate Courses V (2) + S (1) Module taught in: German or English Method of assessment a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 pages) or c) oral examination in groups of up to 3 candidates (15 to 30 minutes) or d) oral examination in groups of up to 3 candidates (15 to 30 minutes) or e) presentation (20 to 40 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter term Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. O8-MBC- LIT3b-212-m01 ECTS 5 Duration 1 semester Method of grading (not) successfully completed Modul level graduate Courses S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English		Additional Inf	formation	Regu	lar participation in	the exercises (at least	80% attendance) is a prerequi	isite for particip	ation in the exam.			
Courses V(2) + S (1) Method of assessment a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 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, winter term Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. D8-MBC- Literature seminar 3b ECTS 5 Duration 1 semester Method of grading (not) successfully completed Modul level graduate S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English	08-MBC-BE-212-											
Method of assessment Method of assessment Method of assessment Additional Information O8-MBC- LIT3b-212-mo1 ECTS 5 Duration S (2) Module taught in: German or English Method of assessment Additional sessment I semester Method of assessment Method of ass	mo1	ECTS 5	Duratio	n								
Method of assessment a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 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, winter term Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. Literature seminar 3b ECTS 5 Duration 1 semester Method of grading (not) successfully completed Modul level graduate Courses S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English		Courses										
b) term paper (8 to 12 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, winter term Additional Information Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam. Literature seminar 3b ECTS 5 Duration 1 semester Method of grading (not) successfully completed Modul level graduate Courses S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English												
O8-MBC-LIT3b-212-mo1 ECTS 5 Duration 1 semester Method of grading (not) successfully completed Modul level graduate Courses S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English		Method of as	sessment	b) ter c) ora d) ora e) pre Lange	m paper (8 to 12 p al examination of o al examination in g esentation (20 to 4 uage of assessmer	ages) or ne candidate each (20 roups of up to 3 candid o minutes) nt: German and/or Engli	to 30 minutes) or lates (15 to 30 minutes per car	ndidate) or				
LIT3b-212-mo1 ECTS 5 Duration 1 semester Method of grading (not) successfully completed Modul level graduate Courses S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English		Additional Inf	formation	Regu	lar participation in	the exercises (at least	80% attendance) is a prerequi	isite for particip	ation in the exam.			
Courses S (2) Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English		Literature ser	minar 3b									
Module taught in: German or English Method of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English	LIT3b-212-m01	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
Language of assessment: German and/or English		Courses										
other prorequisites May not be combined with as MRC LITE		Method of as	sessment									
Other prefequisites May not be combined with oo-Mide-Ling		other prerequ	iisites	May ı	not be combined w	rith o8-MBC-LIT3						

08-MBC-WR1-152-	Scienti	fic lectu	ring M1									
mo1	ECTS	5	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses	s		T (o)								
	Method	of asse	essment		Preparing and supervising study groups, wrap-up report (approx. 2 pages) Language of assessment: German and/or English							
o8-MBC-	Assista	nce in p	oractical (ourse	5 1							
AWA1-152-m01	ECTS 5 Duration			1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Courses			T (o)								
	Method of assessment				Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English							
o8-MBC-LIT3-152-	Literatu	ıre sem	inar 3					,				
mo1	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			S (2) Modu	le taught in: Germa	an or English						
	Method	d of assessment presentation (20 to 40 minutes) Language of assessment: German and/or English										
Focus - Expert Key	Qualifica	ations (A	40 ECTS c	redits))							
Subfield Research	oriented	Project	ts (20 ECT	'S cred	its)							
08-MBC-AP1-152-	Practical course - abroad 1											
mo1	ECTS	30	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses	S	•	P (o)	•	•	•	·	•			
	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 and/or English								
	Additio	nal Info	rmation	Duration of practical course: no less than 15 weeks.								
o8-MBC-AP2-152-	Practica	al cours	e - abroa	d 2								
mo1	ECTS	15	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses			P (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 and/or English Duration of practical course: no less than 8 weeks.								
1	Additio	nal Info	rmation	Durat	ion of practical cou	rse: no less than 8 we	eeks.					

08-MBC-EP1-152-	Practica	l cours	e - extern	al 1								
mo1	ECTS	15	Duration	า	1 semester	Method of grading (not) successfully completed Modul level graduate						
	Courses			P (o)								
	Method	of asse	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 and/or English							
	Addition	al Info	rmation	Durat	Duration of practical course: no less than 8 weeks.							
08-MBC-EP2-152-	Practica	l cours	e - extern	ial 2								
mo1	ECTS	15	Duration	1	1 semester	Method of grading (not) successfully completed Modul level graduate						
	Courses			P (o)								
	Method	of asse	essment		(approx. 20 pages)							
						one candidate each (approx. 20 minutes) or						
						groups (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or pprox. 15 to 30 minutes)						
						nt: German and/or English						
	Addition	al Info	rmation	Durat	ion of practical cou	ourse: no less than 8 weeks.						
08-MBC-LP1-152-	Practica	l lab co	ourse 1									
mo1	ECTS	15	Duration	1	1 semester	Method of grading (not) successfully completed Modul level graduate						
	Courses			P (20)								
	Method	of asse	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 and/or English								
	Addition	al Info	rmation	Durat	ion of practical cou	ourse: no less than 8 weeks.						
08-MBC-LP2-152-	Practica	l lab co	ourse 2									
mo1	ECTS	15	Duration		1 semester	Method of grading (not) successfully completed Modul level graduate						
	Courses			P (20)								
	Method	of asse	essment		(approx. 20 pages)							
			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 and/or English								
	Addition	al Info	rmation	Duration of practical course: no less than 8 weeks.								

o8-MBC-LP3-152-	Practica	al lab co	ourse 3									
mo1	ECTS	10	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses	5		P (16)								
	Method	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 and/or English							
	Additio	nal Info	rmation			rse: no less than 6 we						
08-MBC-LP4-152-	Practica	al lab co	ourse 4									
mo1	ECTS	10	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses	5		P (16)	(16)							
	Method	of asso	essment		(approx. 20 pages)							
						e candidate each (app		annrov (o mini	utos) 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)							
						: German and/or Engli						
	Additio	nal Info	rmation	Durat	ion of practical cou	rse: no less than 6 we	eks.					
o8-MBC-LP5-152-	Practica	al lab co	ourse 5									
mo1	ECTS	5	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses			P (8)								
	Method	l of asso	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							
						prox. 15 to 30 minutes)		approx. 40 mm	ites) of			
				Language of assessment: German and/or English								
	Additio	nal Info	rmation	Durat	ion of practical cou	rse: no less than 3 we	eks.					
08-MBC-LP6-152-	Practica	al lab co	ourse 6									
mo1	ECTS	5	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Courses	-		P (8)								
	Method	l of asso	essment		(approx. 20 pages)							
				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 and/or English								
	Additio	nal Info	rmation	Duration of practical course: no less than 3 weeks.								

08-MBC-WR2-152-	Scienti	fic lectu	ring M2								
mo1	ECTS	5	Duration	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course	S		T (o)	(0)						
	Method	d of asse	essment		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 and/or English							
o8-MBC-	Assistance in practical courses 2										
AWA2-152-m01	ECTS 5 Duratio			1	1 semester	Method of grading (not) successfully completed	Modul level	graduate			
	Course			T (o)							
	Method	d of asse	essment	be sp	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 and/or English						
Subfield Completiv	e Qualif	ications	(20 ECTS	credi	ts)						
08-SCM3-152-m01	Bioorg	anic Che	emistry								
	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		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 							
08-ACM2-242-m01	Bioino	rganic C	hemistry	•							
	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Courses			S (3) Module taught in: German or English							
	Method of assessment		essment	a) written examination (approx. 45 to 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) portfolio (approx. 30 hours total) Language of assessment: German and/or English							
08-0CM-BIO-242-	Moderi	n Aspect	ts of Biol	ogical	Chemistry						
mo1	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate			
	Course	S		S (3) Module taught in: German or English							
	Method of assessment			b) ora c) ora	tten examination (approx. 45 to 90 minutes) or I examination of one candidate each (20 to 30 minutes) or I examination in groups of up to 3 candidates (15 to 30 minutes per candidate) lage of assessment: German and/or English						

08-HKM1-152-m01	Organo	o- and B	iocatalys	is		,						
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (3)								
	Method	d of asse	essment			(approx. 45 to 90 mini						
					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)							
				anguage of assessment: German and/or English								
03-MS2H-	Human genetics											
G-152-m01	ECTS	10	Duration	1	2 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses				+ S (2) le taught in: Germ	an or English		^				
	Method	d of asse	essment	b) ora c) ora	n) written examination (approx. 45 to 90 minutes) or n) oral examination of one candidate each (20 to 30 minutes) or n) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate) n.anguage of assessment: German and/or English							
07-MS2BI-262-	Bioinfo	rmatics										
mo1	ECTS	10	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			V (2) Modu		an 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								
	other prerequisites			Cannot be combined with 07-MBI-B.								
	Participants and allocation of places		MA Biochemie: 24 There is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry st Selection is based on academic progress (number of semesters completed); in case of a tie, places will be allocated ry; any places that become available after the initial registration period will be allocated by lottery.									
07-MS3S-261-m01		ıs Biolo					_					
	ECTS	10	Duratio		1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses			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								
	other prerequisites		Cannot be combined with 07-MS-B.									

07-MLS1-261-m01	Method	ls in Lif	e Science	s							
	ECTS	10	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Courses	5		V (3) Module taught in English							
	NA - +1	I - C		Module taught in: English							
	Method	or asse	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)							
	- 41	other prerequisites			Language of assessment: English Cannot be combined with 07-MLS1B.						
VTV		•			t be combined with	07-MLS1B.					
03-VTK-152-m01			and welf			Mathand of avadina	(n - t)	Madulland	Lundanava du ata		
		3	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses				V (2) + P (1) written examination (approx. 90 minutes)						
	other prerequisites						sified at the beginning of the a	211822			
08-MBC-CTE-212-					Regular attendance of practical course (as specified at the beginning of the course).						
mo1								Modul level	graduato		
				0 (3)	1 Semester	Method of grading	numerical grade	Modul level	graduate		
	Courses			Module taught in: German or English							
	Method	of asse	essment	a) writ	ten examination (ap	prox. 45 to 90 minut	es) or				
					b) term paper (8 to 12 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) pre	sentation (20 to 40	minutes)	,	a.a.c., c.			
						German and/or Engl					
	5			Assessment offered: Once a year, summer term							
	Particip				Biochemie (Biochemistry), Master's: 30 places.						
	cation of 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.							
	Additio	nal Info	rmation	Regul	ar participation in th	ie exercises (at least	80% attendance) is a prerequi	site for particip	ation in the exam.		

08-MBC-BE-212-	Ethics (of the L	ife Scienc	es								
mo1	ECTS	5	Duration	1	1 semester	Method of grading n	umerical grade	Modul level	graduate			
	Course	S	-		V (2) + S (1) Module taught in: German or English							
	Method	d of ass	essment	b) tern c) ora d) ora e) pre Langu	a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 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) canguage of assessment: German and/or English Assessment offered: Once a year, winter term							
	Additio	nal Info	rmation	Regul	ar participation in t	he exercises (at least 80	o% attendance) is a prerequi	isite for particip	ation in the exam.			
o8-MBC-	Literatı	ıre sem	inar 3b						1			
LIT3b-212-m01	ECTS	5	Duration	1	1 semester	Method of grading (r	not) successfully completed	Modul level	graduate			
	Course	S		S (2) Modu								
	Method	d of ass	essment	presentation (20 to 40 minutes) Language of assessment: German and/or English								
	other p				ot be combined wit	th o8-MBC-LIT3						
o8-MBC-	Assistance in practical courses 1											
AWA1-152-m01	ECTS 5 Duratio				1 semester	Method of grading (r	not) successfully completed	Modul level	graduate			
	Course	S		T (o)								
	Method of assessment			Preparing and supervising student lab courses, wrap-up report (approx. 1 page) Language of assessment: German and/or English								
o8-MBC-LIT3-152-	Literatu	ıre sem	inar 3									
mo1	ECTS	5	Duration		1 semester	Method of grading n	umerical grade	Modul level	graduate			
	Courses			S (2) Module taught in: German or English								
	Method	d of ass	essment	presentation (20 to 40 minutes) Language of assessment: German and/or English								
03-MBC-TG-161-	Tumor	Genetic	s									
mo1	ECTS	5	Duration		1 semester	Method of grading n	umerical 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								
Master's with 1 major Big	schomictn.	2026)					IMII Wiirzhurg • generated 25-Nov-20	as a ovam rog data	record Colonel I Illiana	nage 33 / 41		

Focus - Expert Key	Qualifications ((project or	iented) (40 ECTS credits)						
Subfield Project at	tendant Module	es (30 ECT	S credits)						
o8-MBC-	Special lectur	es 1							
FTSV1-152-m01	ECTS 5	Duratio	1 semester	Method of grading (not) successfully completed Modul level	graduate				
	Courses		V (2) Module taught in: Germa	n or English					
	Method of ass		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 prerequi		Please consult with degree programme coordinator in advance.						
o8-MBC- FTSV2-152-mo1	Special lectur								
F13V2-152-11101	ECTS 5	Duratio		Method of grading (not) successfully completed Modul level	graduate				
	Courses		V (2) Module taught in: German or English						
	Method of ass	sessment	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 prerequi	isites	Please consult with degree programme coordinator in advance.						
o8-MBC-			n with poster presentation 1						
FTKP1-152-m01	ECTS 5	Duration		Method of grading (not) successfully completed Modul level	graduate				
	Courses		R (o) Module taught in: Germa	n or English					
	Method of ass	sessment	Poster (1 page) Language of assessment: German and/or English						
	other prerequi	isites	Please consult with degree programme coordinator in advance.						
o8-MBC-			n with poster presentatio						
FTKP2-152-m01	ECTS 5	Duratio		Method of grading (not) successfully completed Modul level	graduate				
	Courses		R (o) Module taught in: German or English						
	Method of ass	sessment							
	other prerequi	isites	Please consult with degr	ee programme coordinator in advance.					

o8-MBC-	Confere	ence pa	rticipatio	n with	lecture 1	· · · · · · · · · · · · · · · · · · ·					
FTKV1-152-m01	ECTS	10	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level	graduate				
	Course	S		R (o)							
					le taught in: Germai						
	Method	d of ass	essment		ntation (20 to 40 mi						
-0 MDC	oth or n	other prerequisites			Language of assessment: German and/or English Please consult with degree programme coordinator in advance.						
	-					ee programme coordinator in advance.					
08-MBC- FTKV2-152-m01					lecture 2	Mathed of medical (not) accessfully agreement of Mandulland	Lawa du ata				
1111112 152 11101		10	Duratio		1 semester	Method of grading (not) successfully completed Modul level	graduate				
	Course	S		R (o) Modu	ıle taught in: Germaı	n or English					
	Method	d of ass	essment		ntation (20 to 40 mi	nutes) German and/or English					
	other p	rerequi	sites	Pleas	Please consult with degree programme coordinator in advance.						
o8-MBC-	Excursi	on 1	'								
FTEX1-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level	graduate				
	Course	S		E (1) Modu	lle taught in: Germa	n or English					
	Method	of ass	essment			pprox. 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-	Excursi	on 2									
FTEX2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level	graduate				
	Course	S		E (1) Module taught in: German or English							
	Method	of ass	essment			pprox. 45 to 90 minutes) or					
		. 0. 400		b) log	(20 to 30 pages) or	pp. 6 45 to 30acces, 6.					
				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.					
	P					- F - O					

o8-MBC-FT-	Semina	r 1									
SE1-152-m01	ECTS	5	Duration	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses			S (2) Modu	le taught in: Germ	an or English					
	Method	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 pr	erequi	sites	Pleas	e consult with deg	ree programme coordi	nator in advance.				
o8-MBC-FT-	Semina		,						_		
SE2-152-m01	ECTS	5	Duratio		1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses			S (2) Modu	le taught in: Germ	an 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 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			Pleas	e consult with deg	ree programme coordi	nator in advance.				
o8-MBC-FT-	Seminar 3										
SE3-152-m01	ECTS	5	Duration		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 pr	erequi	sites	Please consult with degree programme coordinator in advance.							
o8-MBC-	Worksh		·								
FTWS1-152-m01	ECTS 5 Duratio				1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses			R (o) Module taught in: German or English							
				Wrap-up report (approx. 2 pages) Language of assessment: German and/or English							
	other pr	erequi	sites	Pleas	e consult with deg	ree programme coordi	nator in advance.				

o8-MBC-	Worksh	10p 2										
FTWS2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (n	ot) successfully completed	Modul level	graduate			
	Course	S		R (o) Modu	le taught in: Germa	ın or English		,				
	Method	d of ass	essment	Wrap-up report (approx. 2 pages)								
					Language of assessment: German and/or English							
	other prerequisites			Pleas	Please consult with degree programme coordinator in advance.							
o8-MBC- FTWS3-152-mo1	Worksh		T					l.,	T			
110033-152-11101		5	Duratio		1 semester	Method of grading (n	ot) successfully completed	Modul level	graduate			
	Courses				R (o) Module taught in: German or English							
	Method	d of ass	essment		rap-up report (approx. 2 pages) anguage of assessment: German and/or English							
	other p	rerequi	sites	Pleas	Please consult with degree programme coordinator in advance.							
o8-MBC-FT-		nce in	practical									
PB1-152-m01	ECTS 5 Duration			1 semester	Method of grading (n	ot) successfully completed	Modul level	graduate				
	Courses			T (o) Modu	le taught in: Germa	n or English						
	Method of assessment			Prepa Langu	ring and supervisir	ig student lab courses, w : German and/or English	rap-up report (approx. 1 pag	ge)				
o8-MBC-FT-	Assista	nce in	practical	courses 2								
PB2-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading (n	ot) successfully completed	Modul level	graduate			
	Course	S		T (o) Module taught in: German or English								
	Method	d of ass	essment			g student lab courses, w : German and/or English	rap-up report (approx. 1 pag	ge)				
Subfield Completiv	e Qualifi	ications	s (10 ECTS	credit	rs)							
08-SCM3-152-m01	Bioorga	anic Ch	emistry									
	ECTS	5	Duratio	n	1 semester	Method of grading nu	ımerical grade	Modul level	graduate			
	Course	S	'	S (3)	•	'		•				
	Method o			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-ACM2-242-m01	Bioinor	ganic C	hemistry									
	ECTS	5	Duratio	1	1 semester	Method of grading numerical grade	Modul level	graduate				
	Course	S		S (3) Modu	le taught in: Germ	an or English						
	Method	d of ass	essment	b) ora c) por	l examination of o tfolio (approx. 30	approx. 45 to 90 minutes) or ne candidate each (20 to 30 minutes) or hours total) it: German and/or English						
08-0CM-BIO-242-	Moderi	1 Aspec	ts of Biol	gical	Chemistry		,					
mo1	ECTS	5	Duratio	ı	1 semester	Method of grading numerical grade	Modul level	graduate				
	Courses			S (3) Modu	le taught in: Germ	an or English						
	Method	d of ass	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-HKM1-152-m01	Organo- and Biocatalysis											
	ECTS 5 Duratio			1	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								
07-MS2BI-262-	Bioinfo	rmatics	5									
mo1	ECTS	10	Duratio	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								
	other p	rerequi	sites	Canno	ot be combined wi	th o7-MBI-B.						
	Participants and allocation of places			MA Biochemie: 24 There is no limit to the number of participants for MA Biosciences students. Places are limited for MA Biochemistry students. Selection is based on academic progress (number of semesters completed); in case of a tie, places will be allocated by lottery; any places that become available after the initial registration period will be allocated by lottery.								

07-MS3S-261-m01	Systems Biology										
	ECTS 10 Duration			ı	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	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							
	•	rerequi		Cannot be combined with 07-MS-B.							
07-MLS1-261-m01	Methods in Life Sciences										
	ECTS 10 Duration				1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		V (3) Module taught in: 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: English							
	other p	rerequi	sites	Cannot be combined with 07-MLS1B.							
03-VTK-152-m01	Animal science and welfare										
	ECTS	3	Duration		1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses			V (2) + P (1)							
	Method of assessment			written examination (approx. 90 minutes)							
		rerequi		Regular attendance of practical course (as specified at the beginning of the course).							
08-MBC-CTE-212-	Current	t Topics	in Ethics	and Theory of Science							
mo1	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	S		O (3) Module taught in: German or English							
				a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 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 term							
	Participants and allocation of places			Biochemie (Biochemistry), Master's: 30 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.							
	Additio	nal Info	rmation	Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam.							

08-MBC-BE-212-	Ethics of the Life Sciences											
mo1	ECTS 5 Duration		n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Course	S			V (2) + S (1) Module taught in: German or English							
	Method	d of ass	essment	a) written examination (approx. 45 to 90 minutes) or b) term paper (8 to 12 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, winter term								
	Additio	nal Info	rmation	Regul	Regular participation in the exercises (at least 80% attendance) is a prerequisite for participation in the exam.							
o8-MBC-	Literatı	ıre sem	inar 3b									
LIT3b-212-m01	ECTS 5 Duration		,	1 semester	Method of grading	(not) successfully completed	Modul level	graduate				
	Course	S		S (2) Module taught in: German or English								
	Method	d of ass	essment	presentation (20 to 40 minutes) Language of assessment: German and/or English								
	other p	rerequi	sites	May not be combined with o8-MBC-LIT3								
08-MBC-WR1-152-	Scientific lecturing M1											
mo1	ECTS 5 Duratio			n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	S		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								
08-MBC- AWA1-152-m01	Assista	nce in p	practical	course	S 1							
	ECTS	5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	S		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- mo1	Literatu	ıre sem	inar 3									
	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Course	S		S (2) Modu	lle taught in: Germai	n or English						
	Method of assessment			presentation (20 to 40 minutes) Language of assessment: German and/or English								

Thesis Area (30 ECTS credits)										
08-MBC-MA-152- m01	Master-Thesis									
	ECTS	25	Duration	n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses			No courses assigned to module						
	Method	d of asse	essment	Master's thesis (approx. 60 pages) Language of assessment: German or English						
	Additional Information			Time to complete: 6 months.						
o8-MBC-KOLL-152- mo1	Final Colloquium									
	ECTS	CTS 5 Duration		n	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Course	S		K (o)						
	Method	d of asse	essment	final c	final colloquium (approx. 45 minutes) Language of assessment: German and/or English					