

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Biomedicine as a Bachelor's with 1 major with the degree "Bachelor of Science" (180 ECTS credits)

Responsible: Faculty of Medicine Examination regulations version: 2009
Responsible: Faculty of Biology Examination regulations version: 2009

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V**

= lecture

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

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

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

= list of modules

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

Conventions for the Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cremodules in this SFB: ditable for bonus.

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

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

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

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

ASP02009

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

01-Dec-2011 (2011-108)

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	o be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y							
	Method of as	sessm	ent								
	Only after su completion o		ıl if applic	if applicable							
	Other prereq	uisites	if applic	if applicable							
	Participants on of places		ocati- if applic	if applicable							
	Additional information		ion if applic	if applicable							
	Referred to in	า LPO I	if applic	able (examination re	gulations for teachin	g-degree programmes)					

Compulsory Course	s (113 E	CTS cree	dits)									
Modules Biology (2	o ECTS	credits)										
	Develo	pmenta	Biology	of Animals								
OT-102-m01	ECTS	4	Duratio	n 1 semester		Method of grading		Modul level	undergraduate			
	Course				V + Ü (no information on SWS (weekly contact hours) and course language available)							
							s) including multiple ch					
	other p	orerequis	sites		ssion prerequisite to ecified at the beginn		r attendance of exercis	ses and successful comp	eletion of the respective exercises			
07-1A1ZO-BM-102-	Biolog	y I - Fron	ı Cells to	Organ	isms							
mo1	ECTS	8	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
				 o7-1A1ZO-4T-072: V + Ü (no information on language and number of weekly contact hours available) o7-1A1ZO-NF-1Z-082, o7-1A1ZO-2E-BM-102, and o7-1A1ZO-3P-BM-092: V (no information on language and number of weekly contact hours available) This module has the following 4 assessment components. Unless stated otherwise, students must pass all of these as- 								
				Asses Asses Asses	sment in module co 4 ECTS credits, num written examination Additional prerequi as well as successf sment in module co 1 ECTS credit, nume written examination sment in module co 1 ECTS credit, pass written examination sment in module co 2 ECTS credits, num written examination	mponent o7-1A1ZO-2 nerical grading n (approx. 60 minute sites: admission pre- ul completion of the mponent o7-1A1ZO-1 erical grading n (approx. 60 minute mponent o7-1A1ZO-2 / fail n (approx. 30 minute mponent o7-1A1ZO-3 nerical grading n (approx. 60 minute	a whole. 4T-072: Das Tierreich (es) requisite to assessme respective exercises a NF-1Z-082: Die Zelle fü es) including multiple o EE-BM-102: Evolution es) including multiple o BP-BM-092: Das Pflanz es)	The Animal Kingdom) Int: regular attendance on specified at the beging radas Nebenfach Biologic choice questions Choice questions Enoice questions Enoice questions	f and participation in exercises ning of the course. e (The Cell for Biology Minors)			
	other p	rerequis	ites	By wa	y of exception, addit	tional prerequisites a	are listed in the section	n on assessments.				

07-2A2PH-	Biolog	y II - Phy	siology of Org	gy of Organisms, genetics, neurobiology and behaviour								
BM-092-m01	ECTS	8	Duration	1 semester	Method of grading numerical grade	Modul level	undergraduate					
	Course	25		07-2A2PH-3TI-072 07-2A2PH-1PR-BM 07-2A2PH2PF-BM- 07-2A2GNV-1G-BN 07-2A2GNV-2N-BN	S module components. Information on courses will be: V + Ü (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour. 1-092: V (no information on SWS (weekly contact hour.	s) and course la rs) and course l rs) and course la irs) and course urs) and course	nguage available) anguage available) anguage available) language available) language available)					
	Metho	d of ass			ule comprises the assessments in the individual mod sful completion of the module will require successfu							
			Asse Asse Asse	3 ECTS, Method of written examination of the respect tion of the respect essment in module control of the examination of the ex	omponent o7-2A2PH-3TI-o72: Animal Physiology Aniferrating: numerical grade on (approx. 60 minutes, word problems and/or multives: Admission prerequisite to assessment: regular attive exercises as specified at the beginning of the component o7-2A2PH-1PR-BM-092: Basic Physiology for grading: numerical grade on (approx. 60 minutes) including multiple choice question of the component o7-2A2PH2PF-BM-092: Plant Physiology for grading: numerical grade on (approx. 45 minutes) omponent o7-2A2GNV-1G-BM-092: Basic Genetics for (approx. 30 minutes) omponent o7-2A2GNV-2N-BM-092: Basic Neurobiology for grading: numerical grade on (approx. 30 minutes) omponent o7-2A2GNV-3V-BM-092: Behavioural Biolograding: numerical grade on (approx. 30 minutes) omponent o7-2A2GNV-3V-BM-092: Behavioural Biolograding: numerical grade on (approx. 30 minutes, word problems and/or multi	ple choice questendance of execurse. of Prokaryotes estions	tions) rcises and successful comple-					
	other p	rerequi	sites By w		litional prerequisites are listed in the section on asse	· · · · · · · · · · · · · · · · · · ·						

Modules Chemistr	y (12 ECTS credits)								
08-CH-BM-102- m01	General chemistry for s	students of biomedicine							
mo1	ECTS 8 Duratio	on 1 semester Method of grading numerical grade Modul level undergraduate							
	Courses	 This module comprises 3 module components. Information on courses will be listed separately for each module component. 08-AC-NF-1-102: V (no information on SWS (weekly contact hours) and course language available) 08-IOC-1-102: V (no information on SWS (weekly contact hours) and course language available) 08-CH-BMP-1-102: P (no information on SWS (weekly contact hours) and course language available) 							
	Method of assessment	Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.							
		Assessment in module component o8-AC-NF-1-102: Introduction to Inorganic Chemistry for Students of Biology, Medicine and Dentistry • 3 ECTS, Method of grading: numerical grade • written examination (approx. 6o minutes) Assessment in module component o8-IOC-1-102: Organic Chemistry for students of medicine, biomedicine, dental medicine, engineering and natural science • 3 ECTS, Method of grading: numerical grade • written examination (approx. 6o minutes) Assessment in module component o8-CH-BMP-1-102: Practical chemistry course for students of biomedicine • 2 ECTS, Method of grading: (not) successfully completed • pre/post-experiment examination talks (Vor-/Nachtestate, approx. 15 minutes each), log (approx. 2 to 5 pages) • Assessment offered: once a year, summer semester • Only after successful completion of module components: Successful completion of module component o8-AC-NF-1 or o8-IOC-1 is a prerequisite for participation in module component o8-CH-BMP-1. Information on the allocation of places will be listed separately for each module component. • o8-CH-BMP-1-102: Only as part of pool of general key skills (ASQ): 15 places. Places will be allocated by lot. • o8-IOC-1-102: Only as part of pool of general key skills (ASQ): 15 places. Places will be allocated by lot.							
	Participants and allo- cation of places								
08-0C-BM-102-	Organic Chemistry 2 fo	students of biomedicine							
mo1	ECTS 4 Duratio	on 1 semester Method of grading numerical grade Modul level undergraduate							
	Courses	V (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment	a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: 60 or 90 minutes each; 3 written examinations: 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (approx. 30 minutes)							
Modules Physics (10 ECTS credits)								
11-EFNF-072-m01	Introduction to Physics	s for Students of Non-physics-related Minor Subjects							
	ECTS 7 Duratio	on 2 semester Method of grading numerical grade Modul level undergraduate							
	Courses	V + V (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment	written examination (approx. 120 minutes)							
	Participants and allo- cation of places	Only as part of pool of general key skills (ASQ): 10 places. Places will be allocated by lot.							
Bachelor's with 1 major	Biomedicine (2009)	JMU Würzburg • generated 26-Aug-2024 • exam. reg. data record 82 300 - - H 2009 page 5 / 18							

11-PFNF-072-m01	Practica	l Cours	se Physic	s for St	udents of Non-phys	ics-related Minor Su	bjects				
	ECTS	3	Duratio	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses						rs) and course language availa				
							ment and b) ungraded written e		prox. 90 minutes)		
	Participa cation o			Only a	Only as part of pool of general key skills (ASQ): 10 places. Places will be allocated by lot.						
Modules Mathema	tics/Stati	istics (5 ECTS cr	edits)							
10-M-STAB-111-	Statistic	s for s	tudents o	f natu	ral sciences and bio	medicine					
mo1			Duratio		1 semester	Method of grading		Modul level	undergraduate		
	Courses						hours) and course language av	ailable)			
	Method of assessment other prerequisites				n examination (90 to		greed upon with the examiner				
				corda (e. g. tails a asses turer v in the	Registration for the exercise must be made via SB@home at the beginning of the course or as announced by the lecturer in accordance with the specified registration deadlines. Certain prerequisites must be met to qualify for admission to assessment (e. g. successful completion of a certain percentage of exercises). The lecturer will inform students about the respective details at the beginning of the course. Registration for the exercise will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew and have to register anew, too.						
Modules Biochemi	stry (21 E	CTS cre	edits)								
03-98-BCH-092-	Basic Bi	ochem	istry and	Molec	ular Biology						
mo1	ECTS	11	Duratio		2 semester	Method of grading	_	Modul level	undergraduate		
	Courses			V + S	V + S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment			a) written examination (approx. 45 minutes) and 2 presentations (approx. 10 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) and 2 presentations (approx. 10 minutes each) or c) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) and 2 presentations (approx. 10 minutes each), weighted 6:1:1 (written/oral examination: presentation)							
	other prerequisites			corda (e. g. tails a asses turer v in the	nce with the specifice successful completion the beginning of the sment. If students how their registration current or in the subsection i	ed registration deadle on of a certain perce ne course. Registration ave obtained the quation for assessment	ines. Certain prerequisites mus ntage of exercises). The lecture on for the exercise will be consi- alification for admission to asso- into effect. Students who meet For assessment at a later date,	t be met to qua r will inform stu dered a declara essment over th all prerequisite	s announced by the lecturer in aclify for admission to assessment dents about the respective detion of will to seek admission to e course of the semester, the lecs will be admitted to assessment we to obtain the qualification for		

03-98-BCHF-092-	Advanc	ed Biod	chemistry	and N	lolecular Biology						
mo1	ECTS	10	Duration	ı	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses	S		V + S	+ Ü (no information	on on SWS (weekly cont	act hours) and course la	anguage available)			
	Method	l of ass	essment	tion o	a) written examination (approx. 45 minutes) and presentation (approx. 20 minutes) and log (5 to 10 pages) or b) oral examination of one candidate each (approx. 20 minutes) and presentation (approx. 20 minutes) and log (5 to 10 pages) or c) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) and presentation (approx. 20 minutes) and log (5 to 10 pages), weighted 2:1:1 (written/oral examination: presentation: log) Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.						
	other p										
Modules Anatomy	`		<u> </u>								
03-98-ANA-092-		y and I	Histology								
mo1	ECTS	10	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses			•	This module comprises 2 module components. Information on courses will be listed separately for each module component. o3-98-ANA-1-092: S + Ü (no information on SWS (weekly contact hours) and course language available) o3-98-ANA-2-092: S + V + P (no information on SWS (weekly contact hours) and course language available)						
	Method	orass	essment	Assessment in this module comprises the assessments in the individual module components as specified stated otherwise, successful completion of the module will require successful completion of all individual Assessment in module component o3-98-ANA-1-o92: Anatomy and Cell Biology Anatomy and Cell Biology 5 ECTS, Method of grading: numerical grade a) written examination (approx. 60 minutes) and presentation (approx. 10 minutes) or b) oral examination a candidate each (approx. 20 minutes) and presentation (approx. 10 minutes) or c) oral examination a candidates (approx. 20 minutes per candidate) and presentation (approx. 10 minutes) Assessment offered: once a year, winter semester Other prerequisites: Admission prerequisite to assessment: regular attendance of courses (lectures cified at the beginning of the course. Assessment in module component o3-98-ANA-2-o92: Histology Histology 5 ECTS, Method of grading: numerical grade a) 2 written examinations (approx. 60 minutes each) or b) oral examination of one candidate each (approx. 10 minutes) or c) oral examination in groups of up to 3 candidates (approx. and presentation (approx. 10 minutes)					all individual assessments. d Cell Biology or b) oral examination of one examination in groups of up to es) reses (lectures excluded) as spedate each (approx. 20 minutes) idates (approx. 20 minutes per		
	other p	rorogui	sitos	• •	candidate) and p Assessment offe Other prerequisi cified at the beg	oresentation (approx. 10 red: once a year, summ tes: Admission prerequining of the course.	minutes) er semester	ular attendance of cour	rses (lectures excluded) as s		

Modules Physiolo	gy (10 ECTS cre	edits)										
03-98-PHY-092-	Human Phys	iology 1+2										
mo1	ECTS 10	Duratio	1 2 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses		V + V + Ü + Ü (no in	formation on SWS (weekly	contact hours) and course	e language available)						
	Method of as	sessment	2 written examinat	ions (approx. 60 minutes e	each)		-					
	other prerequ	uisites	Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.									
Modules Pharmac	ology and Toxi	cology (7 E	CTS credits)									
03-98-APT-092-	Pharmacology and Toxicology											
mo1	ECTS 7	Duratio	n 2 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses	,	V + S (no information	on on SWS (weekly contac	t hours) and course langua	age available)	•					
	Method of as	sessment	each (approx. 20 m	ninutes) and presentation	and presentation (approx. (approx. 10 minutes) or c) ation (approx. 10 minutes)	oral examination in g	l examination of one candidate roups of up to 3 candidates (ap-					
	other prerequ	uisites	Admission prerequi	dmission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the								
Modules Microbio	logy, Virology	and Immur	ology (5 ECTS credi	ts)								
03-98-MVI-092-	General Micr	General Microbiology, Virology, Immunology										
mo1	ECTS 5	Duratio	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses		V + V + V (no inforn	nation on SWS (weekly cor	tact hours) and course lar	nguage available)						
	Method of assessment		a) written examination (approx. 60 minutes) and presentation (approx. 10 minutes) or b) oral examination of one candidate each (approx. 20 minutes) and presentation (approx. 10 minutes) or c) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) and presentation (approx. 10 minutes)									
Modules Patholog	y (3 ECTS credi	its)										
03-98-APA-092-	Pathology											
mo1	ECTS 3	Duratio	1 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses	,	V (no information o	on SWS (weekly contact ho	urs) and course language	available)						
	Method of as	sessment	each (approx. 20 m		(approx. 10 minutes) or c)	oral examination in g	examination of one candidate roups of up to 3 candidates (ap-					
Modules Advance	d Lab Course (1	o ECTS cre	dits)									
03-98-IPP-092-	Project work	in researcl	laboratory									
mo1	ECTS 10	Duratio	1 semester	Method of grading	(not) successfully compl	leted Modul level	undergraduate					
	Courses		R (no information of	n SWS (weekly contact ho	urs) and course language	available)						
	Method of as	sessment	log (10 to 15 pages)	and presentation (approx	15 minutes)							
	other prerequisites		Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.									
Bachelor's with 1 major	Biomedicine (2009)	*			JMU Würzburg • generated 26	6-Aug-2024 • exam. reg. data r	ecord 82 300 - - H 2009 page 8 / 18					

Thesis (12 ECTS cr	edits)										
03-98-THK-092-	Bachelor	rthesis I	Biomedi	cine							
mo1	ECTS 1	12	Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Courses				03-98-THK-2-092	: K (no information o	n language and numbe	rately for each componer r of weekly contact hours r of weekly contact hours	available)		
	Method	Method of assessment			This module has the following 2 assessment components. Unless stated otherwise, students must pass all of these assessment components to pass the module as a whole						
				Assessment component to module component o3-98-THK-2-092: Kolloquium • 2 ECTS credits, method of grading: numerical grade • oral examination of on candidate each (approx. 20 minutes) Assessment component to module component o3-98-THK-1-092: Bachelorthesis Biomedizin • 10 ECTS credits, method of grading: numerical grade • written thesis (20-40 pages)							
Compulsory Electi	ves (35 EC	TS credi	its)								
Compulsory Electi	ves I (5 EC	TS credi	its)								
03-98-PZB-092-	Cell Biology										
mo1	ECTS 5 Duration		Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Courses			R+S	no information o	n SWS (weekly contac	ct hours) and course lar	nguage available)			
	Method	Method of assessment			methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)						
03-98-PGH-092-	Introduc	tion to g	on to genetics and human genetics								
mo1	ECTS 5	5	Duration	1	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Courses			P + V	+ Ü (no informatio	n on SWS (weekly co	ntact hours) and course	e language available)			
	Method	of asses	ssment	didate		minutes) or d) oral e			or c) oral examination of one can orox. 15 minutes per candidate) o		
Compulsory Electi	ves II (5 EC	TS cred	lits)								
03-98-PZB-092-	Cell Biol	ogy									
mo1	ECTS 5	5	Duration	<u> </u>	1 semester	Method of gradin	g numerical grade	Modul level	undergraduate		
	Courses			R + S	(no information o	n SWS (weekly contac	ct hours) and course lar	nguage available)			
	Method of assessment			didate		minutes) or d) oral ϵ			or c) oral examination of one can orox. 15 minutes per candidate) o		

03-98-PGH-092-	Introduction to §	genetics	and h	uman genetics	1		,			
mo1	ECTS 5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		P + V	+ Ü (no information	on SWS (weekly conta	act hours) and course languag	ge available)			
	Method of asses	ssment	didat		minutes) or d) oral exa			or c) oral examination of one can- orox. 15 minutes per candidate) or		
07-MS2BI-092-	Bioinformatics									
mo1	ECTS 5	Duration	n	1 semester Method of grading numerical grade			Modul level	graduate		
	Courses		V + Ü	(no information on	SWS (weekly contact h	nours) and course language a	vailable)			
	Method of asses	ssment		tten examination (30 to 60 minutes) and/	or b) oral examination of one	candidate each	(approx. 20 minutes) or c) oral		
03-98-RVZ-092-	Introduction to	methods	s in ex	perimental biomed	icine					
mo1	ECTS 5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V + S	(no information on	SWS (weekly contact h	ours) and course language a	vailable)			
	Method of asses	ssment	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)							
03-98-PGN-092-	Introductory Neurobiology for students of biomedicine									
mo1	ECTS 5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V + S	V + S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of asses	ssment	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)							
	other prerequisi	tes	Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.							
Compulsory Electi	ves III (10 ECTS cro	edits)								
03-98-PIM-092-	Practical Course	in Imm	unolog	gy for students of b	iomedicine					
mo1	ECTS 5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		P + S	(no information on	SWS (weekly contact h	ours) and course language a	vailable)			
	Method of asses	ssment	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)							
	other prerequisi	tes	Admi: cours	•	o assessment: regular	attendance of courses (lectu	res excluded) as	specified at the beginning of the		

03-98-PMV-092-	Practical	l Course in M	icrobiol	ogy and Virology	for students of biomedicine					
mo1	ECTS 5	5 Dura	tion	1 semester	Method of grading numerical g	grade	Modul level	undergraduate		
	Courses	·	P + 9	(no information	on SWS (weekly contact hours) and o	course language av	ailable)			
	Method	of assessme	dida	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)						
	other pre	erequisites		Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.						
03-98-PPC-092-	Pathoph	ysiology and	pathob	iochemistry with	clinical demonstrations for students	s of biomedicine				
mo1	ECTS 5	5 Dura	tion	1 semester	Method of grading numerical g	grade	Modul level	undergraduate		
	Courses		V + V	/ (no information	on SWS (weekly contact hours) and o	course language av	vailable)			
	Method	of assessme	dida		nt: a) written examination (45 to 60 to 20 minutes) or d) oral examination in 30 minutes)					
	other pre	erequisites		Admission prerequisite to assessment: regular attendance of clinical demonstrations as specified at the beginning of the course.						
Compulsory Electi	ves IV (15 I	ECTS credits								
03-98-PZB-092-	Cell Biology									
mo1	ECTS 5	5 Dura	tion	1 semester	Method of grading numerical g	grade	Modul level	undergraduate		
	Courses		R + 9	(no information	on SWS (weekly contact hours) and o	course language av	ailable)			
	Method	of assessme	dida	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)						
03-98-PGH-092-	Introduc	tion to gene	ics and	human genetics						
mo1	ECTS 5	5 Dura	tion	1 semester	Method of grading numerical g	grade	Modul level	undergraduate		
	Courses		P + \	/ + Ü (no informat	ion on SWS (weekly contact hours) a	nd course languag	e available)			
	Method	of assessme	dida	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)						
07-MS2BI-092-	Bioinforr	matics	•							
mo1	ECTS 5	5 Dura	tion	1 semester	Method of grading numerical g	grade	Modul level	graduate		
	Courses		V + ((no information	on SWS (weekly contact hours) and	course language av	/ailable)			
	Method	of assessme		a) written examination (30 to 60 minutes) and/or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups						

03-98-RVZ-092-	Introduction t	o method	s in ex	perimental biomedic	ine					
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V + S	(no information on S	SWS (weekly contact	hours) and course language	available)			
	Method of ass	sessment	didat	nethods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one canidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or presentation (20 to 30 minutes)						
03-98-PGN-092-	Introductory I	Neurobiol	ogy for	students of biomed	icine					
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses	·	V + S	+ Ü (no information	on SWS (weekly cont	act hours) and course langu	age available)			
	Method of ass	sessment	didat	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)						
	other prerequ	isites	Admi: cours	•	assessment: regula	r attendance of courses (lect	tures excluded) as	s specified at the beginning of the		
03-98-PPT-092-	Practical Cour	rse in Pha	rmacol	ogy and Toxicology			,			
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		P+S	(no information on S	SWS (weekly contact	hours) and course language	available)			
	Method of ass	sessment		oral examination in groups of up to 3 candidates in the form of a presentation (approx. 30 minutes) and preparation of a scientific publication (approx. 1.5 hours)						
	other prerequ	isites	Admi: cours		assessment: regula	r attendance of courses (lect	tures excluded) as	s specified at the beginning of the		
03-98-PBG-092-	Bacterial genetics - Infectiology									
mo1	ECTS 5 Duration		n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses	·	V + S	$V + S + \ddot{U}$ (no information on SWS (weekly contact hours) and course language available)						
	Method of ass	sessment	didat	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one cadidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) e) presentation (20 to 30 minutes)						
	other prerequ	isites		Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.						
	Participants a cation of place		Bioch	Biochemistry Bachelor's: no restrictions. Biochemistry Master's: 4 places. Places will be allocated by lot.						
03-98-PMP-092-	Parasitology									
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V + S	+ Ü (no information	on SWS (weekly cont	act hours) and course langu	age available)			
	Method of ass	sessment	didat	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)						
	other prerequ	isites	Admi cours	, ,	assessment: regula	r attendance of courses (lect	tures excluded) as	s specified at the beginning of the		
Bachelor's with 1 major	Diamadiaina (aaaa)					IMII Wiirzhurg • generated 26-Aug		record 82 200 - - H 2000 page 12 / 18		

03-98-PGS-092-	Structu	ral Biolo	gy						
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate	
	Courses	<u> </u>		V + S	+ Ü (no informatio	on on SWS (weekly contact hours) and course langu	uage available)		
	Method	d of asse	ssment	didate		nt: a) written examination (45 to 60 minutes) or b) loo minutes) or d) oral examination in groups of up to go minutes)			
03-98-PF2-092-	Practica	al course	in a res	earch	laboratory				
mo1	ECTS	5	Duration	1	1 semester	Method of grading numerical grade	Modul level	undergraduate	
	Courses			P (no	information on SV	NS (weekly contact hours) and course language av	ailable)		
	Method of assessment			log (5	to 10 pages) and	presentation (approx. 10 minutes)			
	other prerequisites			Prior approval by degree programme coordinator required. Regular attendance of courses (lectures excluded) as specified at the beginning of the course is an admission prerequisite to assessment.					
Subject-specific K	ey Skills ((15 ECTS	credits)						
03-98-FSQ-	Laborat	tory Expe	ertise in	Biosci	ences				
FACH-092-m01	ECTS 3 Duratio			1	1 semester	Method of grading (not) successfully complet	ed Modul level	undergraduate	
	Courses			This n	03-98-FSQ-GEN-	s 2 module components. Information on courses wi 1-092: V (no information on SWS (weekly contact h 1-092: V + P (no information on SWS (weekly contact	ours) and course la	anguage available)	
	Method of assessment					dule comprises the assessments in the individual results as seen the completion of the module will require successive.			
				•	1 ECTS, Method of written examinates sment in module 2 ECTS, Method	component o3-98-FSQ-GEN-1-092: Genetic Engine of grading: (not) successfully completed tion (approx. 15 minutes) component o3-98-FSQ-Tier-1-092: Laboratory anir of grading: (not) successfully completed tion (approx. 30 to 60 minutes)	_		

03-98-FSQ- EPE-092-m01	From e	xperim	ent to pub	licatio	n and ethics in sc	ience					
	ECTS 2 Duration		n	1 semester	Method of grading	(not) successfully	completed	Modul level	undergraduate		
	Course	S		This module comprises 2 module components. Information on courses will be listed separately for each module component. o3-98-FSQ-EXP-1-092: V (no information on SWS (weekly contact hours) and course language available) o3-98-FSQ-ETH-1-092: V (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment			Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.							
				Assessment in module component o3-98-FSQ-EXP-1-092: From experiment to publication - how science works 1 ECTS, Method of grading: (not) successfully completed preparation of educational materials and materials for demonstrations (approx. 10 pages) Other prerequisites: Admission prerequisite to assessment: regular attendance as specified at the beginning of the course. Assessment in module component o3-98-FSQ-ETH-1-092: Ethics in Science 1 ECTS, Method of grading: (not) successfully completed preparation of educational materials and materials for demonstrations (approx. 10 pages) Other prerequisites: Admission prerequisite to assessment: regular attendance as specified at the beginning of the course.							
	other prerequisites			By way of exception, additional prerequisites are listed in the section on assessments.							
03-98-FSQ-	Radiation Safety and Protection										
STRA-092-m01	ECTS 2 Duratio		n	1 semester	Method of grading	(not) successfully	completed	Modul level	undergraduate		
	Courses			V + S (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment			2 written examinations (30 to 60 minutes each)							
	Additio	Additional Information			Additional information on module duration: Courses will usually be offered in the form of a block course with two block sessions.						
03-98-FSQ-	Selecte	ed cour	ses from b	piology and medicine 1							
MB1-092-m01	ECTS 2 Duratio			n	1 semester	Method of grading	(not) successfully	completed	Modul level	undergraduate	
	Courses			V (no information on SWS (weekly contact hours) and course language available)							
	Method	d of ass	essment	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)							
	other prerequisites				ssion prerequisite programme coordi		ar attendance as spe	cified at the	beginning of t	he course. Prior approval by de-	

03-98-FSQ-	Selected cou	rses from l	biology	and medicine 2	· · · · · · · · · · · · · · · · · · ·						
MB2-092-m01	ECTS 4 Duration		n	1 semester	Method of grading (not) successfully completed Modul level	undergraduate					
	Courses		V (no	V (no information on SWS (weekly contact hours) and course language available)							
	Method of as	sessment	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)								
	other prerequ	iisites		Admission prerequisite to assessment: regular attendance as specified at the beginning of the course. Prior approval by degree programme coordinator required.							
03-98-FSQ-	Selected cou	rses from (other fa	her faculties with a biomedical focus 1							
AF1-092-m01	ECTS 2	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level	undergraduate					
	Courses		V (no	information on SWS	(weekly contact hours) and course language available)						
	Method of as	sessment	didat	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)							
	other prerequ	uisites	Admission prerequisite to assessment: regular attendance as specified at the beginning of the course. Prior approval by degree programme coordinator required.								
03-98-FSQ-	Selected topics from other faculties with biomedical focus 2										
AF2-092-m01	ECTS 4 Duratio		n	1 semester	Method of grading (not) successfully completed Modul level	undergraduate					
	Courses		V (no	information on SWS	6 (weekly contact hours) and course language available)						
	Method of as	sessment	methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (20 to 30 minutes)								
	other prerequ	iisites	Admission prerequisite to assessment: regular attendance as specified at the beginning of the course. Prior approval by degree programme coordinator required.								
03-98-FSQ-	Supervising Tutorials 1										
TUT1-092-m01	ECTS 2	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level	undergraduate					
	Courses		T (no information on SWS (weekly contact hours) and course language available)								
	Method of as	sessment	log (2 to 3 pages)								
	other prerequ	uisites	Prior approval by degree programme coordinator required.								
03-98-FSQ- TUT2-092-m01	Supervising 1	Tutorials 2									
	ECTS 3	Duratio	n	1 semester	Method of grading (not) successfully completed Modul level	undergraduate					
	Courses		T (no	T (no information on SWS (weekly contact hours) and course language available)							
	Method of as	sessment	log (2	to 3 pages)							
	other prerequ	uisites	Prior	Prior approval by degree programme coordinator required.							

03-98-FSQ- TUT3-092-m01	Supervising Tutorials 3											
	ECTS 5 Duration			1	1 semester	Method of grading	(not) successfully co	mpleted	Modul level	undergraduate		
	Courses			T (no	Γ (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment			log (2 to 3 pages)								
	other pr	erequis	sites	Prior a	Prior approval by degree programme coordinator required.							
03-98-FSQ-	Journal	Club 1										
LIT1-092-m01	ECTS 2 Duration			1	1 semester	Method of grading	(not) successfully co	mpleted	Modul level	undergraduate		
	Courses			S (no	information on SWS	(weekly contact hou	rs) and course langua	ige availal	ole)			
	Method	of asse	essment	•	ntation (approx. 15 i							
	other pr	erequis	sites		Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.							
03-98-FSQ-	Journal	Club 2										
LIT2-092-m01	ECTS	4	Duratio	1	2 semester	Method of grading	(not) successfully co	mpleted	Modul level	undergraduate		
	Courses						rs) and course langua	ıge availal	ole)			
	Method	Method of assessment 2 presentations (approx. 15 minutes each)										
03-98-FSQ-	Careers	in Scie	nce									
KAR-092-m01	ECTS	1	Duratio	1	1 semester	Method of grading	(not) successfully co	mpleted	Modul level	undergraduate		
	Courses			V (no information on SWS (weekly contact hours) and course language available)								
	Method	of asse	essment	preparation of educational materials and materials for demonstrations (approx. 10 pages)								
03-98-FSQ-	Excursion											
EXK-092-m01	ECTS	1	Duratio	1	1 semester	Method of grading	(not) successfully co	mpleted	Modul level	undergraduate		
	Courses			E (no information on SWS (weekly contact hours) and course language available)								
	Method of assessment			report (1 to 2 pages)								
	other pr	erequis	sites	Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course. Prior approval by degree programme coordinator required.								
03-98-FSQ-	Orientat	tional L	.aborator	y cours	se							
F2PR-092-m01	ECTS	2	Duratio	1	1 semester	Method of grading	(not) successfully co	mpleted	Modul level	undergraduate		
	Courses	i		P (no information on SWS (weekly contact hours) and course language available)								
	Method	of asse	essment	log (5 to 10 pages)								
	other pr	erequis	sites	Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.								
03-98-FSQ-	Laborat	ory Cou	ırse in bi	omedical research 1								
F2PR1-092-m01	ECTS	3	Duratio	1 semester Method of grading (not) successfully completed Modul level undergraduate								
	Courses	i		P (no information on SWS (weekly contact hours) and course language available)								
	Method	of asse	essment	log (5	to 10 pages)							
	other prerequisites				Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.							
Bachelor's with 1 major	Biomedicine ((2009)					JMU Würzburg • generat	ed 26-Aug-202	24 • exam. reg. data	record 82 300 - - H 2009 page 16 / 18		

03-98-FSQ-	Labora	tory Co	urse in bi	omedic	al research 2							
F2PR2-092-m01	ECTS 4 Duration			n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	Courses			P (no information on SWS (weekly contact hours) and course language available)							
	Metho	d of ass	essment	log (10	og (10 to 15 pages) and talk (approx. 10 minutes)							
03-98-FSQ-	Laboratory Course in biomedical research 3											
F2PR3-092-m01	ECTS 5 Duration		1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate				
	Course	es.		P (no	P (no information on SWS (weekly contact hours) and course language available)							
	Metho	d of ass	essment	log (10	log (10 to 15 pages) and talk (approx. 10 minutes)							
	other prerequisites			Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.								
03-98-FSQ-	Learning strategies and preparation for exams											
LERN-092-m01	ECTS 2 Duratio		า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate				
	Course	es.		V + S (no information on SWS (weekly contact hours) and course language available)								
	Metho	d of ass	essment	presentation (approx. 15 minutes)								
	other p	rerequi	sites	Admission prerequisite to assessment: regular attendance of courses (as specified at the beginning of the course).								
03-98-FSQ-	Intercu	ıltural C	ompeten	ce								
IKK-092-m01	ECTS	3	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Course	es.		V + S (no information on SWS (weekly contact hours) and course language available)								
	Metho	d of ass	essment	log (10	log (10 to 20 pages)							
	other prerequisites			_	Regular attendance of courses (lectures excluded) as specified at the beginning of the course is an admission prerequisite to assessment.							

03-98-FSQ-	Individual Competences for Science												
NETW-092-m01	ECTS 3 Duratio		Duration	1	1 semester	Method of grading	(not) successfully co	ompleted	Modul level	undergraduate			
	Courses			This module comprises 2 module components. Information on courses will be listed separately for each module component. o 3-98-FSQ-NETW-1-092: S (no information on SWS (weekly contact hours) and course language available) o 3-98-FSQ-BEW-1-092: S (no information on SWS (weekly contact hours) and course language available)									
	Method	l of asse	ssment		Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.								
				Assessment in module component o3-98-FSQ-NETW-1-092: Personal skills and scientific networking • 2 ECTS, Method of grading: (not) successfully completed									
				•		: Admission prerequ				onstrations (approx. 10 pages) ses (lectures excluded) as spe-			
									mponent 03-98-FSQ grading: (not) succes		olication in	the Life Science	25
				•	Other prerequisites cified at the beginn		isite to assessment:	regular atte	endance of cour	ses (lectures excluded) as spe-			
	other prerequisites			By wa	By way of exception, additional prerequisites are listed in the section on assessments.								