

## **Annex SFB**

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

Responsible: Faculty of Chemistry and Pharmacy

Examination regulations version: 2013

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

= lecture

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

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

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

= list of modules

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

Conventions for the modules in this SFB:

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable 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)):

## 23-Sep-2013 (2013-110) except for mandatory electives added in Fast Track procedure at a later time

09-Dec-2014 (2014-81)

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		Duratio	on	(in semesters)	Method of grading		Module level				
	Courses		-	To be spe	cified in the form X	(y) with course type >	( abbreviated as specified abo	ove and number of we	ekly contact hours y			
	Method of as	sessm	ent									
	Only after su completion o		ıl i	fapplicable								
	Other prerequisites			if applicable								
	Participants and allocation of places			if applicable								
	Additional in	formati	ion i	if applica	ble							
	Referred to in	n LPO I	i	if applica	ble (examination re	gulations for teaching	g-degree programmes)					

<b>Compulsory Electiv</b>	es (30 E	CTS cre	dits)								
03-4S1IMM-	Immun	ology fo	or student	s of bi	iochemistry						
BC-132-mo1	ECTS	5	Duration	1	1 semester	Method of grad	ing numerical grade		Modul level	undergraduate	
	Course	S		V + Ü	+ P (no information	n on SWS (weekly	contact hours) and cou	ırse language	e available)		
	Method	d of ass	essment	Asses	n examination (apssment offered: one uage of assessmen	ce a year, summer					
	Particip cation	of place	es	ber of 1 (two grade amon and p	f applications exce thirds of places): e, places will be allog g applicants with tolaces re-allocated	ed the number of a current average gra ocated by lot. Quot he same number o	available places, place ade of successfully cor ta 2 (one third of place of subject semesters, p	s will be allo npleted mod s) number of	cated according ules; among ap subject semes	) Bachelor's: Should the num- g to the following quotas: Quota oplicants with the same average ters of the respective applicant; t. A waiting list will be maintained	
03-4S1VIR-BC-132-	Virolog	y for st	udents of	bioch	emistry						
mo1	ECTS	5	Duration	1	1 semester	Method of grad	ing numerical grade		Modul level	undergraduate	
	Course	S		V + S	+ P (no information	on SWS (weekly o	contact hours) and cou	rse language	available)		
	Method of assessment			each senta ding t asses Asses Langu	a) written examination (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) sentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete varies according to subject area but will not exceed a maximum of 4 hours). Students will be informed about the method and length of assessment prior to the course.  Assessment offered: once a year, summer semester anguage of assessment: German or English						
	Particip cation			ber of 1 (two grade amon	Biochemie (Biochemistry) Bachelor's: 18 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the per of applications exceed the number of available places, places will be allocated according to the following quot (two thirds of places): current average grade of successfully completed modules; among applicants with the sam grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be and places re-allocated as they become available.						
03-4S1HUG-	Human	geneti	cs for stud	lents o	of biochemistry						
BC-132-m01	ECTS	5	Duration		1 semester		ing numerical grade		Modul level	undergraduate	
	Course	S		V + Ü	+ S (no information	n on SWS (weekly	contact hours) and cou	ırse language	e available)		
	Method	d of ass	essment	writte	n examination (ap	prox. 30 minutes)					
	Participants and allocation of places			Biochemie (Biochemistry) Bachelor's: 5 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							

03-PBC-132-m01	Pathob	iochem	istry									
	ECTS	5	Duration		1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Course	S		This m	his module comprises 2 module components. Information on courses will be listed separately for each module component.  o3-PBC-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)  o3-PBC-2-132: P (no information on SWS (weekly contact hours) and course language available)							
	Method	d of asso		stated	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.							
				Asses	2 ECTS, Method of a written examination Language of assess sment in module congress. Method of a assessment of praceach), logs (approx Assessment offered Language of assess	grading: numerical g n (approx. 90 minute sment: German or En mponent 03-PBC-2-2 grading: (not) succes ctical performance, I s. 20 pages) d: once a year, summ sment: German or En	es) glish 1 <b>32:</b> Pathobiochemistry Practica ssfully completed Nachtestate (post-experiment e ner semester glish	al Course exams: examina	ation talks, approx. 15 minutes			
		oants ar of place		•	o3-PBC-2-132: Bioc lor's: Should the nu to the following qu among applicants v subject semesters of	themie (Biochemistry umber of application notas: Quota 1 (two t with the same averag of the respective app	listed separately for each mode y) Bachelor's: 6 places. Selecti ns exceed the number of availal chirds of places): current average e grade, places will be allocated plicant; among applicants with t Il be maintained and places re-	on process Bio ble places, plac ge grade of suc I by lot. Quota 2 he same numb	cchemie (Biochemistry) Bache- ces will be allocated according ccessfully completed modules; (one third of places) number of er of subject semesters, places			

08-BC-MOLP-111-	Molecu	ılar Bio	logy Lab									
mo1	ECTS	10	Duration	ı	1 semester	Method of grading numerical grade	Modul level	undergraduate				
	Course	S		Ü (no	information on SW	IS (weekly contact hours) and course language	available)					
	Method	d of ass	essment	(appropriotion of the control of the	a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes). Students will be informed about the method and length of the assessment prior to the course.  Assessment offered: once a year, winter semester Language of assessment: German or English							
	Module comple		essfully	08-BC	o8-BC (module component o8-BC-1 only)							
	Particip cation	of place		chemicaccord amon ject se locate (Chemicordinal de, plamon	istry) Bachelor's: S ding to the followin g applicants with the emesters of the rese ed by lot. A waiting nistry) Master's: Sh ng to the following aces will be allocat g applicants with the	y) Bachelor's: 24 places. Chemie (Chemistry) No Should the number of applications exceed the region of quotas: Quota 1 (two thirds of places): currective same average grade, places will be allocated spective applicant; among applicants with the flist will be maintained and places re-allocated nould the number of applications exceed the nequotas: Quota 1 (two thirds of places): grade of the same number of subject semesters, places as they become available.	number of available plent average grade of sued by lot. Quota 2 (one same number of subjed as they become availumber of available plant module o8-BC; amorer of subject semesters	laces, places will be allocated uccessfully completed modules; e third of places) number of subect semesters, places will be allable. Selection process Chemie aces, places will be allocated acng applicants with the same gras of the respective applicant;				
03-ZBP-132-m01	Cell bio	ology										
		5	Duration		1 semester	Method of grading   numerical grade	Modul level	undergraduate				
	Course				<u>`                                    </u>	SWS (weekly contact hours) and course langu	ıage available)					
	Method	d of ass	essment	written examination (approx. 60 minutes) Language of assessment: German or English								
	Module comple		essfully	o8-BC	o8-BC (module component o8-BC-1 only)							
	Participants and allocation of places			Biochemie (Biochemistry) Bachelor's: 12 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.								

03-MTUB-132-m01	Molecular Tumor Biology												
	ECTS	5	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	<u></u> S		Ü (no	information on SW	S (weekly contact hou	urs) and course language availa	ble)					
	Method	d of ass	essment	(appropriox. Asses	ox. 20 minutes) or 0 40 minutes) or d) p nent prior to the cou sment offered: onc	d) oral examination in resentation (approx.	30 minutes). Students will be in	groups of 2: app	nination of one candidate each brox. 30 minutes, groups of 3: ap- he method and length of the as-				
	Module comple		essfully	o8-BC	(module compone	ent 08-BC-1 only)							
	Particip cation (		S	ber of 1 (two grade amon	applications exceed thirds of places): c places will be allo g applicants with the	ed the number of avai current average grade cated by lot. Quota 2	of successfully completed mod (one third of places) number of ubject semesters, places will be	cated according Iules; among ap f subject semes	Bachelor's: Should the num- g to the following quotas: Quota plicants with the same average ters of the respective applicant; t. A waiting list will be maintained				
07-5S2Mi-	Specifi	c Micro	biology 2 for Students of Biochemistry										
Z2-BC-132-m01	ECTS	10	Duration	ì	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course	S	,	S + Ü	(no information on	SWS (weekly contact	hours) and course language av	ailable)					
	Method	d of ass	essment	each ( sentat ding t	written examination (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of on ach (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete on subject area but will not exceed a maximum of 4 hours). Students will be informed about the method an assessment prior to the course.								
	Particip cation (		S	applic thirds places applic	ations exceed the of places): current s will be allocated be ants with the same	number of available p average grade of suc by lot. Quota 2 (one th	places, places will be allocated cessfully completed modules; a nird of places) number of subject emesters, places will be allocat	according to the among applican ct semesters of t	Bachelor's: Should the number of following quotas: Quota 1 (two ts with the same average grade, the respective applicant; among ting list will be maintained and				

08-0C4-102-m01													
	ECTS	10	Duration	1	1 semester	Method of gr	ading numerical gra	ade	Modul level	undergraduate			
	Course	S			08-0C4-1-102: V	′ + Ü (no informat	onents. Information of ion on SWS (weekly of on SWS (weekly cont	contact hours) an	d course langu				
	Method	d of ass	essment		Assessment in this module comprises the assessments in the individual module components as specified below. Unless tated otherwise, successful completion of the module will require successful completion of all individual assessments.								
				Asses	5 ECTS, Method a) 1 to 3 written minutes each; 3 20 minutes) or c Language of ass Only after succe Other prerequisi ses as specified regular attendar ssment in module 5 ECTS, Method pre/post-experir Assessment offe Language of ass	of grading: nume examinations (1 written examinations) oral examination essment: German ssful completion ites: Admission plat the beginning are of exercises (1 component o8-C of grading: (not) ment examination ered: once a year, sessment: German	written examination: ions: approx. 60 minum in groups (groups on or English of module componed rerequisite to assessing of the course (usually a maximum of talks (Vor-/Nachtes winter semester on, English	approx. 90 minuutes each) or b) or of 2, approx. 30 nnts: 08-0C1 or 08 ment: successful ally 70% of exerce of 2 incidents of uchemistry - advanted state, approx. 15 r	ites; 2 written estal examination ninutes)  8-OC1-GHR completion of estates to be succentaged absorbed laboratory minutes each),	examinations: approx. 60 or 90 of one candidate each (approx.  exercises in the respective clastessfully completed) as well as ence).  course for students of chemistry  log (approx. 5 to 10 pages)  t o8-OC3-2 only) or o8-OC3P			
		rerequi					isites are listed in the	e section on asse	essments.				
		d to in I					organische Chemie"						
07-4BFMZ4-		rmatics	for Adva	nced S	tudents in Bioche	emistry							
BC-132-mo1	ECTS	5	Duration		1 semester		ading   numerical gra		Modul level	undergraduate			
	Course	:S		V + Ü	(no information o	on SWS (weekly co	ontact hours) and co	urse language av	ailable)				
	Method	d of ass	essment		pprox. 10 to 20 pa uage of assessme		glish						
	Participants and allocation of places			Biochemie (Biochemistry) Bachelor's: 4 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.									

08-AVP5-BC-132-	Advanced lab	(abridged	)									
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses		Ü (no	information on SWS	(weekly contact hou	rs) and course languag	ge available)					
	Method of ass	sessment		pprox. 20 pages)								
				age of assessment:								
	Additional Inf		Addit	ional information on	module duration: 3 v	weeks.						
08-AVP10-BC-132-	Advanced lab											
mo1	ECTS 10	Duratio	1	1 semester Method of grading numerical grade Modul level undergraduate								
	Courses		Ü (no	J (no information on SWS (weekly contact hours) and course language available)								
	Method of ass	sessment		pprox. 30 pages) lage of assessment:	German or English							
	Additional Inf	ormation	Addit	ional information on	module duration: 6	weeks.						
03-98-PGN-092-	Introductory I	Veurobiolo	gy for	students of biomed	icine							
mo1	ECTS 5 Duration		1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses		V + S	+ S + Ü (no information on SWS (weekly contact hours) and course language available)								
	Method of ass	sessment	didate	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		Admission prerequisite to assessment: regular attendance of courses (lectures excluded) as specified at the beginning of the course.								
08-BC-AMP-141-	<b>Current Meth</b>	Current Methods of Protein Chromatography										
mo1	ECTS 5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses		Ü (no	information on SWS	(weekly contact hou	rs) and course languag	ge available)					
	Participants a cation of plac	nd allo-	a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes). Students will be informed about the method and length of the assessment prior to the course.  Assessment offered: once a year, winter semester Language of assessment: German or English  Biochemie (Biochemistry) Bachelor's: 24 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained									

Compulsory Course	es (118 EC	CTS cree	dits)								
03-5S2ST-BC-132-	Structu	ral Biol	ogy								
mo1	ECTS	10	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses V + Ü (no information on SWS (weekly contact hours) and course language available)										
	Method	of asse	essment	each ( sentat ding t asses	approx. 30 minutes tion (approx. 20 to 3	) or d) oral examinati to minutes) or f) prac vill not exceed a maxi ourse.	on in groups of up to 3 candidatical examination (on average a	ites (approx. 20 approx. 2 hours:	examination of one candidate minutes per candidate) or e) pre- time to complete varies accor- pout the method and length of the		
	Module comple		ssfully	o8-BC	(module componer	nt 08-BC-1 only)					
07-1A1ZO-BC-132-	General	l Biolog	y for stud	lents o	f biochemistry						
mo1	ECTS	5	Duratio	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses	5		V + V -	+ V + V (no informati	ion on SWS (weekly o	contact hours) and course langu	uage available)			
	Method of assessment 4 written examinations (including multiple choice questions): 3 examinations: 60 minutes each (graded); 1 examination: 30 minutes (ungraded); weighted 1:1:1:1										

08-AC1-BC-111-	Inorgai	organic Chemistry 1											
mo1	ECTS	16	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Course			•	This module comprises 3 module components. Information on courses will be listed separately for each module component.  o 8-AC1-BC-2-092: P (no information on SWS (weekly contact hours) and course language available)  o 8-AC1-BC-3-092: V (no information on SWS (weekly contact hours) and course language available)  o 8-AC1-1-102: V + V + Ü (no information on SWS (weekly contact hours) and course language available)								
	Method	d of ass	essment		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.								
				Asses for Bi  Asses les of	4 ECTS, Method Vortestate (pre-e 10 pages), Nach Assessment offe sement in module ochemistry Majors 2 ECTS, Method 2 written examin sement in module Inorganic Chemis 10 ECTS, Method a) 1 to 3 written each; 3 written or c) oral examin Language of ass Other prerequisi ses as specified	of grading: (not) succeexperiment exams, appletestate (post-experiment exams, appletestate (post-experiment exams, wintered: once a year, wintered: of grading: numerical examinations (1 writterexaminations: 60 minumation in groups (group essment: German or Entes: Admission prerequat the beginning of the	orox. 15 minutes each), assent exams, approx. 15 minutes each), assert exams, approx. 15 minutes ex semester  2-3-092: Accompanying lectures each), weighted 1:1 202: Principles of Inorganic Congrade 20 examination: approx. 90 minutes each) or b) oral examinations of 2, approx. 30 minutes) 20 inglish 21 issite to assessment: success	essment of practical es each)  ure to the practical  Chemistry Principles  ninutes; 2 written estation of one candid  sful completion of exercises to be succ	I performance (log approx. 5 to course of Inorganic Chemistry 1 s of Inorganic Chemistry Princip-xaminations: 60 or 90 minutes ate each (approx. 20 minutes) exercises in the respective clasessfully completed) as well as				
	other p	rerequi	sites	By wa		· ·	are listed in the section on a						
	Referre	d to in					che Chemie" und "Physikali che Chemie"; "Physikalische						
08-0C1-092-m01	Organi												
	ECTS	5	Duration		1 semester	Method of grading		Modul level	undergraduate				
	Course					•	hours) and course language						
				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 (groups of 2, approx. 30 minutes)									
	other p	•		Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).									
	Referre	d to in	LPO I	§ 62 (	(1) 2. Chemie "Org	anische und Bioorgani	sche Chemie"						

08-0C2-102-m01	Organi	Organic Chemistry 2													
	ECTS	9	Duration	1	1 semester	Method of gradi	ng numerical	grade	Modul level	undergraduate					
	Course	S		V + V	+ Ü (no informatio	n on SWS (weekly c	ontact hours)	and course languag	e available)	-					
	Method	d of ass	essment	each; c) ora	3 written examinal examination in g		inutes each) (	or b) oral examinatio		tions: approx. 60 or 90 minutes late each (approx. 20 minutes) or					
	Module comple		essfully	08-00	21										
	other p	ŕ		ning o	of the course (usua simum of 2 incider	ally 70% of exercise its of unexcused ab	s to be succes			classes as specified at the begin- rattendance of exercises (usually					
08-0C3P-112-m01	Organi	c Chem	istry - lab	orator	course for stude	course for students of biochemistry									
	ECTS	7	Duration	1	1 semester	Method of gradi	ng (not) succ	essfully completed	Modul level	undergraduate					
	Course	S		P (no	no information on SWS (weekly contact hours) and course language available)										
	Method	d of ass	essment	Nacht	estate (post-expe	ate (pre-experiment exams, approx. 15 minutes each), assessment of practical performance (log approx. 5 to 10 pages), state (post-experiment exams, approx. 15 minutes each) ment offered: once a year, summer semester									
	Modules successfully completed			08-00	and o8-AC1-BC	(module componen	t 08-AC1-BC-2	only)							
08-PC1-092-m01	Physica	al Chem	istry 1												
	ECTS	8	Duration	1	1 semester	Method of gradi	ng numerical	grade	Modul level	undergraduate					
	Course	S		V + Ü	+ V + Ü (no inform	ation on SWS (weel	ly contact hou	urs) and course lang	uage available)	-					
	Method	d of ass	essment	writte	n examinations: 6		b) oral examin			tions: 60 or 90 minutes each; 3 x. 20 minutes) or c) oral examina-					
	other p	rerequi	sites	ning (	of the course (usua		s to be succes			classes as specified at the begin- rattendance of exercises (usually					
08-PC2V-BC-132-	Physica	al Chem	istry 2 fo	r Bioch	emistry Majors										
mo1	ECTS	9	Duration	1	1 semester	Method of gradi	ng numerical	grade	Modul level	undergraduate					
	Course	S		V + Ü	(no information or	SWS (weekly cont	act hours) and	course language av	ailable)						
	Method of assessment			writte	n examinations: 6		b) oral examin			tions: 60 or 90 minutes each; 3 x. 20 minutes) or c) oral examina-					
	other prerequisites			Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).											
	Referre	d to in I	LPO I	§ 62 (	1) 1. Chemie "Allge	emeine und Anorga	nische Chemie	e"; "Physikalische ur	nd Analytische (	Chemie"					

08-PC2P-132-m01	Practical course of Physical Chemistry for Biochemistry Majors											
	ECTS	6	Duration	า	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	5		P (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method	of asse	essment	talks	(approx. 15 minutes	nt exams), assessmer each), logs (approx. e a year, winter semes	5 to 10 pages)	chtestate (post-	experiment exams), examination			
	Module complet		ssfully	o8-PC	1 (module compone	ent 08-PC1-1 only)						
08-BAN-092-m01	Bioanal	ytics										
	ECTS	8	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 o8-BAN-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available o8-BAN-2-092: Ü (no information on SWS (weekly contact hours) and course language available							age available)			
	Method	of asse	essment	Asses • • Asses	sment in module co 3 ECTS, Method of a) written examinate each (approx. 20 m groups of 3: approx and length of the a Language of asses sment in module co 5 ECTS, Method of a) log (approx. 20 in groups (groups of Students will be in Assessment offere	omponent o8-BAN-1-c grading: numerical grading: numerical grading: numerical grading: nor do to go ninutes) or do oral exact (40 minutes) or do pro- ssessment prior to the sment: German or Engangement o8-BAN-2-contract (10 successible pages) or bo oral exact (12 approx. 30 minus)	minutes) or b) log (approx. 20 amination in groups of up to 3 esentation (approx. 30 minutes e course. glish pg2: Bioanalytics (practical cousfully completed mination of one candidate eactes, groups of 3: approx. 40 minutes and length of the assessmer semester	Principles of Bio pages) or c) oral candidates (gro s). Students will urse) h (approx. 20 m nutes) or d) pres	all individual assessments.  analytics  examination of one candidate pups of 2: approx. 30 minutes, be informed about the method minutes) or c) oral examination sentation (approx. 30 minutes)			

08-BC-132-m01	Princip	Principles of Biochemistry											
	ECTS	6	Duration	1	1 semester	Method of grading numerical grade	Modul lev	/el	undergraduate				
	Course	es			08-BC-1-132: V +	2 module components. Information on course Ü (no information on SWS (weekly contact hou Ü (no information on SWS (weekly contact hou	urs) and course lan	guage	ė available)				
	Method	d of ass	sessment	state	d otherwise, succe	lule comprises the assessments in the individence sufficiency of the module will require su	ccessful completion	on of a	all individual assessments.				
				Asses	3 ECTS, Method of written examinates sment in module 3 ECTS, Method of written examinates	component o8-BC-1-132: Principles of Biochen of grading: numerical grade ion (approx. 60 to 90 minutes) component o8-BC-2-132: Principles of Biocher of grading: numerical grade ion (approx. 60 to 90 minutes)							
o8-BCB-		mistry			Majors (Exercise	5)							
CP-132-m01	ECTS	5	Duration	1	1 semester	Method of grading (not) successfully com	pleted   Modul lev	/el	undergraduate				
	Course	25		Ü (no	information on SV	VS (weekly contact hours) and course language	e available)						
			sessment	(grou inforr Asses	(groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes) Students will be informed about the method and length of the assessment prior to the course.  Assessment offered: once a year, summer semester								
08-BC-MOL-122- mo1					nistry students		1	. 1					
11101	ECTS	6	Duratio		1 semester	Method of grading   numerical grade	Modul lev		undergraduate				
	Course	es		•	This module comprises 2 module components. Information on courses will be listed separately for each module component.  o3-GTBS-1-092: V (no information on SWS (weekly contact hours) and course language available)  o8-BC-MOL-1-122: V + Ü (no information on SWS (weekly contact hours) and course language available)								
	Method	d of ass	sessment			lule comprises the assessments in the individe ssful completion of the module will require su							
				Asses	1 ECTS, Method of written examinate sement in module 5 ECTS, Method of a) written examine each (approx. 20 groups of 3: approand length of the	component o3-GTBS-1-092: Genetic Engineering grading: (not) successfully completed ion (approx. 30 minutes) component o8-BC-MOL-1-122: Molecular Biologic grading: numerical grade lation (approx. 60 to 90 minutes) or b) log (approx. 40 minutes) or d) oral examination in groups of lassessment prior to the course.	ogy Molecular Biolo rox. 20 pages) or c up to 3 candidates	oral s (grou	ups of 2: approx. 30 minutes,				
	Module comple		essfully	o8-B0	C (module compon	ent o8-BC-1 only)							

10-M-MCB-132-	Mathematics for students in Chemistry and Biology											
mo1	ECTS 5	Duratio	1 semester	Method of gra	ding numerical grade	Modul level	undergraduate					
	Courses		V + Ü (no informati	on on SWS (weekly co	ntact hours) and course la	nguage available)	•					
	Method of as:	sessment	written examinatio	written examination (approx. 90 to 120 minutes)								
	other prerequ	isites	Admission prerequ	isite to assessment: s	uccessful completion of ex	xercises (approx. 25 to 30	hours).					
11-EFNF-072-m01	Introduction t	to Physics	for Students of Non	physics-related Mind	or Subjects	'						
	ECTS 7	Duratio	2 semester	Method of gra	ding numerical grade	Modul level	undergraduate					
	Courses		V + V (no information	on on SWS (weekly co	ntact hours) and course la	nguage available)						
	Method of as:	sessment	written examinatio	n (approx. 120 minute	s)							
	Participants a cation of plac		Only as part of poo	l of general key skills	(ASQ): 10 places. Places w	ill be allocated by lot.						
11-PFNF-072-m01	Practical Cou	rse Physic	s for Students of No	n-physics-related Mir	or Subjects							
	ECTS 3	Duratio	1 semester	Method of gra	ding (not) successfully co	ompleted   Modul level	undergraduate					
	Courses			·	ct hours) and course langu							
	Method of assessment		a) oral test (approx. 15 minutes) during experiment and b) ungraded written examination (approx. 90 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.									
08-VS-BC-132-m01	Consolidation	n Seminar										
	ECTS 3	Duration	1 semester	Method of gra	ding numerical grade	Modul level	undergraduate					
	Courses				ct hours) and course langu							
	Method of assessment		oral examination (approx. 30 minutes) on a paper written by the candidate Language of assessment: German or English									
Thesis (12 ECTS cre	dits)											
08-BA-BC-132-m01	Bachelor The	sis in Bioc	nemistry									
	ECTS 12	Duratio	1 semester	Method of gra	ding numerical grade	Modul level	undergraduate					
	Courses		no courses assigne	d	•	*						
	Method of as:	sessment	written thesis (50 to									
			Language of assessment: German or English									
		ormation	Additional information	ion on module durati	on: 10 weeks.							
Subject-specific Ke	y Skills											
07-M-BST-132-m01												
	ECTS 4	Duratio			ding numerical grade	Modul level	undergraduate					
	Courses		,		ntact hours) and course la	nguage available)						
	Method of as:	sessment	written examinatio	n (approx. 60 minutes	5)							

41-IK-NW1-101-	Information Literacy for Students of the Natural Sciences (Basic Level)										
mo1	ECTS 2	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		Ü (no	information on SWS	(weekly contact hou	rs) and course language avai	lable)				
	Method of as	sessment	approprox.	a) written examination (approx. 60 minutes) or b) preparing and delivering a presentation with slides (approx. 10 minutes or approx. 5 minutes and approx. 1 page) or c) completing exercises (approx. 10 exercises) or d) presentation without slides (approx. 20 to 30 minutes) or e) preparing and delivering a presentation with slides (approx. 5 minutes) and completing exercises (approx. 5 exercises) or f) presentation without slides (approx. 10 to 15 minutes) and completing exercises (approx. 5 exercises)							
	Participants a cation of place		the d ces, i each appli	Number of places: 5-50. There is a restricted number of places. If necessary, places will be allocated as follows: Students of the degree programmes of the respective subject-specific focuses will be given preferential consideration. The remaining places, if and when any become available, will be allocated to students of the other natural sciences degree programmes. In each of the above-mentioned groups, 30% of 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. The remaining 70% of places will each be allocated by lot.							
41-IK-NW2-101-	Information L	iteracy for	Stude	nts of the Natural S	ciences (Advanced Le	vel)	,				
mo1	ECTS 2	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		Ü (no	information on SWS	(weekly contact hou	rs) and course language avai	lable)				
	Method of as	sessment	approprox.	a) written examination (approx. 60 minutes) or b) preparing and delivering a presentation with slides (approx. 10 minutes or approx. 5 minutes and approx. 1 page) or c) completing exercises (approx. 10 exercises) or d) presentation without slides (approx. 20 to 30 minutes) or e) preparing and delivering a presentation with slides (approx. 5 minutes) and completing exercises (approx. 5 exercises) or f) presentation without slides (approx. 10 to 15 minutes) and completing exercises (approx. 5 exercises)							
	other prerequ	uisites	Know	ledge and skills equ	iivalent to those achi	eved in the basic module des	irable.				
	Participants a cation of place		of the place each appli	e degree programme es, if and when any b of the above-mentic	s of the respective su ecome available, will aned groups, 30% of p	bject-specific focuses will be be allocated to students of the places will be allocated accord	given preferentiane other natural states ding to the numb	oe allocated as follows: Students al consideration. The remaining sciences degree programmes. In over of subject semesters. Among emaining 70% of places will each			
06-B-P2T-	Philosophy 2										
F2-102-m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V + S	(no information on S	SWS (weekly contact	nours) and course language a	vailable)				
	Method of as	sessment	writte	written examination (approx. 90 minutes)							
	other prerequ	uisites	Admi	ssion prerequisite to	assessment: regula	attendance of seminar (a ma	ximum of 2 incic	lents of unexcused absence).			
	Participants and allo- cation of places		Only as part of pool of general key skills (ASQ): maximum 20 places. Places will be allocated according to the number of s ject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot.								
07-3A3Bl-132-m01	Bioinformation	:s									
	ECTS 2	Duratio		1 semester	Method of grading		Modul level	undergraduate			
	Courses		V + S	(no information on S	SWS (weekly contact	nours) and course language a	vailable)				
	Method of as	sessment	writte	en examination (app	rox. 20 minutes)						
Bachelor's with 1 major F	Rinchemistry (2012)					IMII Wiirzhurg • generated 26-Aug-	2024 • exam. reg. data :	record 82 025 - - H 2013			

03-TR-072-m01	Toxicology and legal studies										
	ECTS 3	Duration	า	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V + V	V + V (no information on SWS (weekly contact hours) and course language available)							
	Method of asse	essment	writte	n examination (appi	rox. 90 minutes)						
03-FOR-BC-092-	Contemporary Research in Biochemistry										
mo1	ECTS 2	Duration	<u> </u>	2 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		V + S	(no information on S	SWS (weekly contact	hours) and course language av	ailable)				
	Method of asse	essment	attend	dance of 80% of talk	(S						
03-Phys-092-m01	Physiology						'				
	ECTS 3	Duration	1	1 semester	Method of grading	numerical grade	Modul level	undergraduate			
	Courses		V (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method of asse	essment	writte	n examination (30 m	nultiple choice quest	ions)					
08-EP-132-m01	Practical Cours	e - exterr	nal								
	ECTS 10	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		P (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method of asse	essment	log (approx. 30 pages) or talk (approx. 20 minutes)								
				anguage of assessment: German or English							
				Additional information on module duration: 6 weeks.							
08-EPK-132-m01	Practical Course - external, abridged										
	ECTS 5	Duration		1 semester		(not) successfully completed		undergraduate			
	Courses		P (no information on SWS (weekly contact hours) and course language available)								
	Method of assessment		log (approx. 20 pages) or talk (approx. 15 minutes) Language of assessment: German or English								
	Additional Info	rmation		Additional information on module duration: 3 weeks.							
08-AP-132-m01		Practical Course - abroad									
	ECTS 10	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses		P (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method of asse	essment	log (approx. 30 pages) or talk (approx. 20 minutes) Language of assessment: German or English								
	Additional Info	rmation	Additi	onal information on	module duration: 6	weeks.					
08-APK-132-m01	Practical Cours	se - abroa	d				,				
	ECTS 5	Duration	1	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	*	P (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method of asse	essment	log (a	pprox. 20 pages) or	talk (approx. 15 minu	utes)					
			Langu	age of assessment:	German or English						
	Additional Info	rmation	Additi	onal information on	module duration: 3	weeks.					

08-LP-132-m01	Practical lab	Practical lab course											
	ECTS 10	Duratio	1	1 semester	Method of grading	(not) successfully compl	eted Modul level	undergraduate					
	Courses		-	P (no information on SWS (weekly contact hours) and course language available)									
	Method of ass	sessment			talk (approx. 20 mini	utes)							
				age of assessment:									
	Additional Inf			ional information on	module duration: 6	weeks.							
08-LPK-132-m01	Practical lab												
	ECTS 5	Duratio		1 semester		(not) successfully compl		undergraduate					
	Courses				· · · · · · · · · · · · · · · · · · ·	rs) and course language a	available)						
	Method of ass		Langu	age of assessment:		•							
	Additional Inf	ormation	Addit	onal information on	module duration: 3	weeks.							
08-WIRE1-132-m01	Scientific lect	uring 1											
	ECTS 5	Duration	1	1 semester	Method of grading	(not) successfully compl	eted Modul level	undergraduate					
	Courses		Ü (no	information on SWS	(weekly contact hou	rs) and course language	available)						
	Method of assessment		preparation of materials for demonstrations and exercises (approx. 120 hours total) Language of assessment: German or English										
08-WIRE2-132-m01	Scientific lecturing 2												
	ECTS 5	Duratio	1	1 semester	Method of grading	(not) successfully compl	eted Modul level	undergraduate					
	Courses		Ü (no	information on SWS	(weekly contact hou	rs) and course language	available)						
	Method of ass	sessment	preparation of materials for demonstrations and exercises (approx. 120 hours total) Language of assessment: German or English										
08-AFBC1-111-m01	Contemporary Research in Biochemistry 1												
	ECTS 3	Duratio	1	2 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses	'	V + S	no information on S	WS (weekly contact	hours) and course langua	nge available)						
	Method of ass	sessment	presentation (approx. 10 minutes) Language of assessment: German or English										
08-AFBC2-111-m01	Contemporary	/ Research	in Biochemistry 2										
	ECTS 3	Duration	1	2 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses	<b>'</b>	V + S	no information on S	WS (weekly contact	hours) and course langua	nge available)	,					
	Method of assessment		presentation (approx. 10 minutes) Language of assessment: German or English										
08-AFBC3-111-m01	Contemporary	/ Research											
	ECTS 3	Duration		2 semester	Method of grading	numerical grade	Modul level	undergraduate					
	Courses		,					1 0					
			prese	V + S (no information on SWS (weekly contact hours) and course language available) presentation (approx. 10 minutes) Language of assessment: German or English									
			Langu	age of assessment:	German or English								

08-BPS1-111-m01	Bioche	mistry (	practical	course	2) 1							
	ECTS	1	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	S	•	S (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method of assessment			short log (approx. 1 page) Language of assessment: German or English								
08-BPS2-111-m01	Bioche	mical Pı	actical S	eminaı	12			·				
	ECTS	1	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	S		S (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)				
	Method of assessment			short log (approx. 1 page) Language of assessment: German or English								
08-BPS3-111-m01	Biochemical Practical Seminar 3											
	ECTS	ECTS 1 Duratio			1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	S		S (no	S (no information on SWS (weekly contact hours) and course language available)							
	Method of assessment			short log (approx. 1 page) Language of assessment: German or English								
08-AWA-132-m01	Guidan	ce in sc	ientific p	ractice								
	ECTS	5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate			
	Courses	S		S (no information on SWS (weekly contact hours) and course language available)								
	Method of assessment			preparing and supervising student lab courses: assessment to be successfully completed (type and length of assessment to be specified at the beginning of the course) Language of assessment: German or English								
	Modules successfully completed		o8-BAN									

08-AC3-BC-131-	Inorganic Chemistry 3 for Biochemistry Majors											
mo1	ECTS	9	Duration		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.  • 08-AC3-BC-2-131: P (no information on SWS (weekly contact hours) and course language available)  • 08-AC3-1-102: V + Ü (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.								
				Assess	5 ECTS, Method of pre/post-experime Language of assessment in module co 4 ECTS, Method of a) 1 to 3 written exminutes each; 3 wrizo minutes) or c) o Language of assess Other prerequisites ses as specified at	grading: (not) succes nt examination talks sment: German or En mponent o8-AC3-1-1 grading: numerical gaminations (1 writter examinations: a oral examination in grament: German, Englis: Admission prerequate the beginning of the	(Vor-/Nachtestate, approx. 15 glish  102: Elemental Organic Chemis rade 1 examination: approx. 90 minupprox. 60 minutes each) or b) o oups (groups of 2, approx. 30 lish isite to assessment: successfu	minutes each), try Elemental Or utes; 2 written e ral examination minutes) I completion of e cises to be succ	log (approx. 5 to 10 pages)  ganic Chemistry  xaminations: approx. 60 or 90 of one candidate each (approx.  exercises in the respective clasessfully completed) as well as			
	Modules successfully o8-0 completed			o8-0C	3P							
	other p	rerequis	sites	By way of exception, additional prerequisites are listed in the section on assessments.								
08-PC3-092-m01	Physica	al and T	heoretical	Chem	istry 3: Symmetry a	and Quantum Chemis	stry					
	ECTS	6	Duration		1 semester	Method of grading		Modul level	undergraduate			
	Courses	5		$V + \ddot{U} + V + \ddot{U}$ (no information on SWS (weekly contact hours) and course language available)								
	€			a) 1 to 3 written examinations (1 written examination: 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 (groups of 2, approx. 30 minutes)								
	other prerequisites A			Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).								

08-AS1-BC-132-	Chemistry of the	Elemen	nts and Analytical Chemistry for Biochemistry Majors								
mo1	ECTS 11 [	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses		<ul> <li>08-AN1-BC-2-13</li> </ul>	2: P (no information on	SWS (weekly contact h	ses will be listed separa nours) and course langu nours) and course langu					
	Method of asses	sment	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-AN1-BC-2-132: Analytical Chemistry (lab) for Biochemistry Majors  • 5 ECTS, Method of grading: (not) successfully completed  • pre/post-experiment examination talks (Vor-/Nachtestate, approx. 15 minutes each), log (approx. 5 to 10 pages)  • Assessment offered: once a year, summer semester  • Language of assessment: German or English  Assessment in module component o8-AS1-1-102: Chemistry of the elements Chemistry of the elements  • 6 ECTS, Method of grading: numerical grade  • a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: approx. 60 or 90 minutes each; 3 written examinations: approx. 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes)  • Language of assessment: German or English								
	Modules success completed	sfully	o8-AC1 (module component o8-AC1-4 only) and o8-OC3 (module component o8-OC3-2 only)								
	Referred to in LPG	01	§ 62 (1) 1. Chemie "Allgemeine und Anorganische Chemie"; "Physikalische und Analytische Chemie"								
08-0C4-VL-141-	Organic Chemistry 4 - lecture										
mo1	ECTS 5	Duratior	ı semester	Method of grading	numerical grade	Modul level	undergraduate				
	Courses		V + Ü (no information	on SWS (weekly contac	t hours) and course lan	guage available)					
	Method of asses		c) oral examination in	groups (groups of 2: approx. 30 minutes). Stud	prox. 30 minutes, grou	ips of 3: approx. 40 min	each (approx. 20 to 30 minutes) or utes) or d) log (approx. 20 pages) h of assessment prior to the cour-				
o8-BC-ZQN3-141-	Additional Quali	fication	in Natural Sciences 3								
mo1	ECTS 3	Duratior	1 semester	Method of grading	(not) successfully cor	mpleted   Modul level	undergraduate				
	Courses		V (no information on SWS (weekly contact hours) and course language available)								
			a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of prox. 40 minutes) or d) presentation (approx. 30 minutes) or f) successful completion as certified by lecturer. Students informed about the method and length of the assessment prior to the course.  Language of assessment: German or English								
	other prerequisit	tes	Please consult with ac	ademic advisory servic	e in advance.						

o8-BC-ZQN5-141-	Additional	Qualification	in Nat	ural Sciences 5						
mo1	ECTS 5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate		
	Courses		V (no	information on SWS	(weekly contact hou	rs) and course language availa	ble)			
	Method of	assessment	a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes) or f) successful completion as certified by lecturer. Students will be informed about the method and length of the assessment prior to the course.  Language of assessment: German or English							
	other prere	equisites	Please	e consult with acade	emic advisory service	in advance.				
o8-BC-EQN3-141-	Completive	e Qualificatio	n in Na	tural Sciences 3						
mo1	ECTS 3	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	undergraduate		
	Courses		V (no	V (no information on SWS (weekly contact hours) and course language available)						
	Method of	assessment	a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes) or f) successful completion as certified by lecturer. Students will be informed about the method and length of the assessment prior to the course.  Language of assessment: German or English							
	other prere	equisites	Please consult with academic advisory service in advance.							
o8-BC-EQN5-141-	Completive	e Qualificatio	Qualification in Natural Sciences 5							
mo1	ECTS 5	Duratio		1 semester	Method of grading	)	Modul level	undergraduate		
	Courses		V (no information on SWS (weekly contact hours) and course language available)							
	Method of	assessment	a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes) or f) successful completion as certified by lecturer. Students will be informed about the method and length of the assessment prior to the course.  Language of assessment: German or English							
	other prere	equisites	Please	Please consult with academic advisory service in advance.						