

Subdivided Module Catalogue for the Subject

FOKUS Life Sciences

as a Master's with 1 major with the degree "Master of Science" (120 ECTS credits)

Examination regulations version: 2012 Responsible: Faculty of Biology Responsible: Graduate School of Life Sciences

JMU Würzburg • generated 26-Aug-2024 • exam. reg. data record 88|g37|-|-|H|2012

Course of Studies - Contents and Objectives

The Master Study Programme FOKUS Life Sciences is an international study programme in the English language and provides an international, research-oriented education in the field of life sciences.

Theoretical and practical competences in the field of life sciences are imparted in order to be able to address scientific issues from the fields of life sciences.

Students attain the competence to apprehend and formulate complex scientific issues. Students acquire the ability to identify the relevance of scientific findings and to contrive and implement experimental approaches independently with regard to issues from the field of life sciences.

Students obtain the ability to interpret the results of experiments and to evaluate and class with in a scientific context.

Abbreviations used

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

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

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

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

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

Conventions

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Notes

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 the 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)):

05-Jul-2012 (2012-114)

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.

The subject is divided into

Abbreviation	Module title	ECTS credits	Method of grading	page
Compulsory Courses (30	ECTS credits)			<u>,</u>
07-MLS1-122-m01	Methods in Life Sciences	10	NUM	13
07-MLS2-122-m01	Topics and Concepts in Life Sciences	10	NUM	14
07-MLS3-122-m01	Research Concepts in Life Sciences	10	NUM	15
Thesis (30 ECTS credits)				
07-MLST-122-m01	Masterthesis and Oral Examination in Life Sciences	30	NUM	67
Compulsory Electives (60 B	ECTS credits)			
General Elective Modules				
07-MS1ES-111-m01	Experimental Sociobiology	10	NUM	82
07-MLSPM-111-m01	Pathogenicity of Macroorganisms	5	NUM	47
07-MLSINF-111-m01	Infection Biology	5	NUM	28
07-MSCC-111-m01	Biochemistry, Physiology and Genetics of Mammalian Cell Cul-	5	B/NB	85
07-10500-111-1101	ture	Э	D/ND	05
03-MLSMN-111-m01	Molecular Neurobiology	5	B/NB	11
03-MLSCRY-111-m01	Macromolecular Crystallography	5	B/NB	9
03-MLSCMED-111-m01	Clinical Medicine	5	B/NB	7
03-MSMT-111-m01	Molecular Techniques	3	B/NB	12
03-MLSCN-111-m01	Clinical Neurobiology	3	B/NB	8
03-MLSMAC-111-m01	Biological Macromolecules	3	B/NB	10
07-MLSL1-122-m01	Special Subject Lecture 1 (actual lectures to be specified)	10	B/NB	29
07-MLSL2-122-m01	Special Subject Lecture 2 (actual lectures to be specified)	10	B/NB	30
07-MLSL3-122-m01	Special Subject Lecture 3 (actual lectures to be specified)	5	B/NB	31
07-MLSL4-122-m01	Special Subject Lecture 4 (actual lectures to be specified)	5	B/NB	32
07-MLSL5-122-m01	Special Subject Lecture 5 (actual lectures to be specified)	3	B/NB	33
07-MLSL6-122-m01	Special Subject Lecture 6 (actual lectures to be specified)	3	B/NB	34
07-MLSM1-122-m01	Congress Participation 1 (Poster)	5	B/NB	35
07-MLSM2-122-m01	Congress Participation 2 (Poster) 2	5	B/NB	36
07-MLSMT1-122-m01	Congress Participation (Talk) 1	10	B/NB	37
07-MLSMT2-122-m01	Congress Participation (Talk) 2	10	B/NB	38
07-MLSEP1-122-m01	Intership 1	10	B/NB	16
07-MLSEP2-122-m01	Intership 2	10	B/NB	17
07-MLSEX1-122-m01	Excursion 1	5	B/NB	18
07-MLSEX2-122-m01	Excursion 2	10	B/NB	19
07-MLSTP1-122-m01	Special Training Program GSLS 1	5	B/NB	69
07-MLSTP2-122-m01	Special Training Program GSLS 2	5	B/NB	70
07-MLSTP3-122-m01	Special Training Program GSLS 3	5	B/NB	71
07-MLSTU1-122-m01	Tutorial 1	3	B/NB	72
07-MLSTU2-122-m01	Tutorial 2	5	B/NB	73
07-MLSRR1-122-m01	Responsible Conduct of Research 1	2	B/NB	64
07-MLSRR2-122-m01	Responsible Conduct of Research 2	4	B/NB	65
07-MLSRR3-122-m01	Responsible Conduct of Research 3	6	B/NB	66
07-MS1NB-112-m01	Neurogenetics of Behavior	10	NUM	83

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07-MS1NEC-112-m01	Developmental Neurobiology and Chronobiology	10	NUM	84
	of Graduate School of Life Sciences (GSLS)			
Section Neurosciences				
07-MLSRG-NS1-122-m01	Research Group Seminar Neurosciences 1	5	B/NB	56
07-MLSRG-NS2-122- m01	Research Group Seminar Neurosciences 2	5	B/NB	57
07-MLSGP-NS1-122-m01	Graduate Program Seminar Neurosciences 1	5	B/NB	26
07-MLSGP-NS2-122-m01	Graduate Program Seminar Neurosciences 2	5	B/NB	27
07-MLSWS-NS1-122-	Workshop Neurosciences 1	5	B/NB	80
m01			27.12	
07-MLSWS-NS2-122- m01	Workshop Neurosciences 2	5	B/NB	8
07-MLSRNS1-122-m01	Retreat Neurosciences 1	5	B/NB	6
07-MLSRNS2-122-m01	Retreat Neurosciences 2	5	B/NB	6
07-MLSPC-NS1-122-m01	Neurosciences Lab 1	10	B/NB	4
07-MLSPC-NS2-122-m01		10	B/NB	40
Section Infection and Imr	nunity			
07-MLSRGII1-122-m01	Research Group Seminar Infection und Immunity 1	5	B/NB	54
07-MLSRGII2-122-m01	Research Group Seminar Infection und Immunity 2	5	B/NB	5
07-MLSGP-II1-122-m01	Graduate Program Seminar Infection and Immunity 1	5	B/NB	2
07-MLSGP-II2-122-m01	Graduate Program Seminar Infection and Immunity 2	5	B/NB	2
07-MLSWII1-122-m01	Workshop Infection and Immunity 1	5	B/NB	7
07-MLSWII2-122-m01	Workshop Infection and Immunity 2	5	B/NB	7
07-MLSRII1-122-m01	Retreat Infection and Immunity 1	5	B/NB	60
07-MLSRII2-122-m01	Retreat Infection and Immunity 2	5	B/NB	6
07-MLSPC-II1-122-m01	Infection and Immunity Lab 1	10	B/NB	4
07-MLSPC-II2-122-m01	Infection and Immunity Lab 2	10	B/NB	44
Section Integrative Biolog	gy			
07-MLSRGIB1-122-m01	Research Group Seminar Integrative Biology 1	5	B/NB	5
07-MLSRGIB2-122-m01	Research Group Seminar Integrative Biology 2	5	B/NB	5
07-MLSGPIB1-122-m01	Graduate Program Seminar Integrative Biology 1	5	B/NB	2
07-MLSGPIB2-122-m01	Graduate Program Seminar Integrative Biology 2	5	B/NB	2
07-MLSWS-IB1-122-m01	Workshop Integrative Biology 1	5	B/NB	78
07-MLSWS-IB2-122-m01	Workshop Integrative Biology 2	5	B/NB	79
07-MLSRIB1-122-m01	Retreat Integrative Biology 1	5	B/NB	5
07-MLSRIB2-122-m01	Retreat Integrative Biology 2	5	B/NB	59
07-MLSPC-IB1-122-m01	Integrative Biology Lab 1	10	B/NB	4
07-MLSPC-IB2-122-m01	Integrative Biology Lab 2	10	B/NB	42
Section Biomedicine				
07-MLSRGBM1-122-m01	Research Group Seminar Biomedicine 1	5	B/NB	50
07-MLSRGBM2-122-m01	Research Group Seminar Biomedicine 2	5	B/NB	5
07-MLSGP-BM1-122- m01	Graduate Program Seminar Biomedicine 1	5	B/NB	20
07-MLSGP-BM2-122- m01	Graduate Program Seminar Biomedicine 2	5	B/NB	2

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07-MLSWS-BM1-122-	Workshop Biomedicine 1	-	D/ND	-6	
m01		5	B/NB	76	
07-MLSWS-BM2-122-	Workshop Biomedicine 2	-	B/NB	77	
m01		5	ם או עם	77	
07-MLSRBM1-122-m01	Retreat Biomedicine 1	5	B/NB	48	
07-MLSRBM2-122-m01	Retreat Biomedicine 2	5	B/NB	49	
07-MLSPC-BM1-122-	Biomedicine Lab 1	10	B/NB	20	
m01		10	סאוקט	39	
07-MLSPC-BM2-122-	Biomedicine Lab 2	10	B/NB	40	
m01		10	סאוקט	40	

Module	e title				Abbreviation		
Clinica	Clinical Medicine 03-MLSCMED-111-m01						
Module	e coord	inator		Module offered by			
Dean o	f the Fa	culty of Biology		Faculty of Medicine			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
5	(not) s	successfully completed					
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
bed fro	m the v		, followed by : 1.) a di	scussion of novel st	c research. Diseases are descri- rategies to combat the disease y semester.		
Intende	ed lear	ning outcomes					
		an awareness of current as well as the developm			search, the clinical application of y.		
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)		
V (no ir	format	tion on SWS (weekly cont	act hours) and cours	e language available	e)		
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-		
10 to 30 groups	o page: of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 n	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)		
Allocat	ion of j	olaces					
Additio	nal inf	ormation					
Workload							
Teaching cycle							
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)			
Module	e appea	urs in					
Master	Master's degree (1 major) FOKUS Life Sciences (2012)						

Module	e title				Abbreviation	
Clinica	l Neuro	biology		03-MLSCN-111-m01		
Module	e coord	inator		Module offered by		
Dean o	f the Fa	culty of Biology		Faculty of Medicine		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
3	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
		o the anatomy, morpholo oundation for the unders			in and the sensory and motor sy-	
Intende	ed learı	ning outcomes				
ses and	d are th				effector cells to relevant disea- ndependent research in the field	
Course	s (type	, number of weekly conta	ct hours, language –	· if other than Germa	n)	
V (no ir	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	e)	
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Workload						
Teaching cycle						
Referre	d to in	LPO I (examination regu	lations for teaching-o	legree programmes)		
Module	Module appears in					
Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title Abbreviation				Abbreviation	
Macromolecular Crystallography o3-MLSCRY-111-mo1					03-MLSCRY-111-m01
Module coordinator Module offered by					
Dean o	of the Fa	aculty of Biology		Faculty of Medicine	
ECTS		od of grading	Only after succ. con	npl. of module(s)	
5	(not)	successfully completed			
Duratio		Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
		of structure determination of structure determination of structure determination of structure determination of s		omolecules by mode	ern crystallography methods will
Intend	ed lear	ning outcomes			
Studer niques		able to determine the stru	uctures of biological r	macromolecules by e	employing crystallographic tech-
Course	es (type	, number of weekly conta	ict hours, language –	- if other than Germa	ın)
V (no i	nforma	tion on SWS (weekly cont	act hours) and cours	e language available	e)
		s essment (type, scope, la ion on whether module c			tion offered — if not every seme-
10 to 3 groups	o page of up t	s) or c) oral examination	of one candidate eac	h (usually 30 to 60 n	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
	tion of	· · · · · · · · · · · · · · · · · · ·			
Additio	onal inf	ormation			
			·		
Worklo	bad				
Teachi	ng cycl	e			
Referre	ed to in	LPOI (examination regu	lations for teaching-o	degree programmes)	
Module appears in					
Modul	e appea	ars in			

Module title					Abbreviation		
Biologi	Biological Macromolecules 03-MLSMAC-111-m01						
Module	e coord	inator		Module offered by			
Dean o	f the Fa	culty of Biology		Faculty of Medicine			
ECTS	-	od of grading	Only after succ. com	pl. of module(s)			
3	(not) s	successfully completed					
Duratio	on	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
plied b	iophys		stallography. The kno	wledge acquired wil	ectures as well as frequently ap- l serve as a basis for the discus-		
Intende	ed lear	ning outcomes					
					nacromolecules and can develop to use in silico approaches.		
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)		
V (no ir	format	tion on SWS (weekly cont	act hours) and cours	e language available	2)		
		sessment (type, scope, la on on whether module ca			tion offered — if not every seme-		
10 to 30 groups	o page: of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)		
Allocat	ion of _l	olaces					
Additio	nal inf	ormation					
Worklo	Workload						
Teaching cycle							
Referre	d to in	LPOI (examination regu	lations for teaching-o	legree programmes)			
Module	e appea	urs in					
Master	Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title Abbreviation				Abbreviation			
Molecular Neurobiology 03-MLSMN-111-m01					03-MLSMN-111-m01		
Module	e coord	inator		Module offered by			
Dean o	f the Fa	culty of Biology		Faculty of Medicine			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
5	(not) s	successfully completed					
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
		al research papers and se and discussed in depth.	eminal background p	ublications from the	field of molecular neurobiology		
Intende	ed lear	ning outcomes					
		able to critically analyse of current ongoing research		lications, present the	e main findings and put them in		
Course	s (type	, number of weekly conta	ct hours, language —	· if other than Germa	n)		
V (no ir	format	tion on SWS (weekly cont	act hours) and cours	e language available	2)		
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-		
10 to 30 groups	o pages of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Workload							
Teaching cycle							
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module	Module appears in						
Master	Master's degree (1 major) FOKUS Life Sciences (2012)						

Module	e title				Abbreviation	
Molecular Techniques 03-MSMT-111-m01					03-MSMT-111-m01	
Module coordinator Module offered by						
Dean o	f the Fac	ulty of Biology		Faculty of Medicine		
ECTS	·	l of grading	Only after succ. com	pl. of module(s)		
3	(not) su	ccessfully completed				
Duratio		Module level	Other prerequisites			
1 seme	ster g	graduate				
Conten	ts					
Introdu	ction to	new and cutting-edge m	olecular techniques.	Methods for scienti	fic investigation.	
Intende	ed learni	ng outcomes				
		miliar with cutting-edge et ups to answer scientif		ques and can improv	ve experimental strategies and	
Course	s (type, r	number of weekly conta	ct hours, language —	if other than Germa	n)	
S (no in	nformatio	on on SWS (weekly cont	act hours) and cours	e language available	2)	
		ssment (type, scope, la n on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages) of up to	or c) oral examination of	of one candidate eacl	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of pla	aces				
Additio	onal infor	rmation				
Worklo	ad					
Teaching cycle						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module	e appears	s in				
	-	e (1 major) Biology (2011				
	-	e (1 major) Biology (2014				
Master	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title Abbreviation				Abbreviation			
Methods in Life Sciences 07-MLS1-122-n					07-MLS1-122-m01		
Module	coord	inator		Module offered by			
Dean of	fStudie	es Biologie (Biology)		Faculty of Biology			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
10	nume	rical grade					
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
models	and ge		s, protein and molecu	ılar biology techniqı	, immunohistochemistry, mouse ues, PCR, advanced protein bio-		
Intende	ed learr	ning outcomes					
		ble to review and expand ad techniques to design e	0		techniques and are able to choo-		
Course	s (type,	number of weekly conta	ct hours, language —	if other than Germa	n)		
V (no in	ıformat	ion on SWS (weekly cont	act hours) and cours	e language available	2)		
ster, in a) writte	formati en exar	on on whether module ca nination (usually 30 to 6	an be chosen to earn o minutes, including	a bonus) multiple choice que	tion offered — if not every seme- stions) or b) oral examination of of up to 3 candidates (usually ap-		
prox. 30	o to 60	minutes) ssessment: English					
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Worklo	ad						
Teachir	Teaching cycle						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module	appea	rs in					
		ee (1 major) Biology (2011	L)				
Master	s degre	ee (1 major) Biology (2014	4)				
Master	Master's degree (1 major) FOKUS Life Sciences (2012)						

Module coo Dean of Stu ECTS Met 10 num Duration In 1 semester Contents A broad var gy, and bior logy, and bior logy Intended leg Students has Students has explain thei Courses (ty) V (no inform Method of a Intended of a	idies Biologie (Biology) thod of grading nerical grade Module level graduate iety of topics and concepts medicine including for exame eurocircuits. arning outcomes		uroscience, infection	o7-MLS2-122-mo1		
Dean of Stu ECTS Met 10 nun Duratio⊤ 1 semester Contents A broad var gy, and bior logy, and ne Intendet le Students ha explain thei Courses (ty) V (no inform Method of a	idies Biologie (Biology) thod of grading nerical grade Module level graduate iety of topics and concepts medicine including for exam eurocircuits. arning outcomes ave an overview of the curre	 Other prerequisites from the areas of neu	Faculty of Biology npl. of module(s)			
ECTS Met 10 num 1 semester Contents A broad var gy, and bior logy, and ne Intended le Students ha explain thei Courses (ty) V (no inform Method of a	thod of grading nerical grade Module level graduate iety of topics and concepts medicine including for exam eurocircuits. arning outcomes ave an overview of the curre	 Other prerequisites from the areas of neu	npl. of module(s)			
10 num Duration 1 1 semester 1 Contents A A broad var ya, and bior logy, and need leed Intended leed leed Students has explain their Courses (ty) V (no inform Method of a	merical grade Module level graduate iety of topics and concepts medicine including for exame eurocircuits. arning outcomes ave an overview of the curre	 Other prerequisites from the areas of neu	uroscience, infection			
Duration 1 semester Contents A broad var gy, and bior logy, and ne Intended le Students ha explain thei Courses (ty) V (no inform Method of a	Module level graduate iety of topics and concepts medicine including for exame eurocircuits. arning outcomes ave an overview of the curre	 from the areas of neu	uroscience, infection			
1 semester Contents A broad var gy, and bior logy, and ne Intended le Students ha explain thei Courses (ty) V (no inform Method of a	graduate iety of topics and concepts medicine including for exam eurocircuits. arning outcomes ave an overview of the curre	 from the areas of neu	uroscience, infection			
Contents A broad var gy, and bior logy, and ne Intended le Students ha explain thei Courses (ty V (no inform Method of a	iety of topics and concepts medicine including for exam eurocircuits. arning outcomes ave an overview of the curre					
A broad var gy, and bior logy, and ne Intended le Students ha explain thei Courses (ty V (no inform Method of a	medicine including for exame urocircuits. arning outcomes ave an overview of the curre					
gy, and bior logy, and ne Intended le Students ha explain thei Courses (ty V (no inform Method of a	medicine including for exame urocircuits. arning outcomes ave an overview of the curre					
Students ha explain thei Courses (ty V (no inform Method of a	ave an overview of the curre					
explain thei Courses (type) V (no informed Method of a						
V (no inform Method of a	· s.g.m.cunce und Scientific		the Graduate Schoo	l of Life Sciences and are able to		
Method of a	pe, number of weekly conta	ct hours, language —	- if other than Germa	n)		
	nation on SWS (weekly cont	act hours) and cours	e language available	2)		
a) written ex one candida prox. 30 to	ation on whether module ca xamination (usually 30 to 60	an be chosen to earn o minutes, including	a bonus) multiple choice que	tion offered — if not every seme- stions) or b) oral examination of of up to 3 candidates (usually ap-		
Allocation	-					
	n places					
Additional i	information					
Additionati						
Workload						
WORKIOau						
Teaching	/cle					
Teaching cycle						
Referred to	in LPO I (examination regu	lations for teaching.	degree programmes)			
Module app	ears in					
	gree (1 major) Biology (2011	1)				
	Master's degree (1 major) Biology (2011) Master's degree (1 major) Biology (2014)					
Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title					Abbreviation	
Research Concepts in Life Sciences				07-MLS3-122-m01		
Module	e coord	inator		Module offered by		
degree	progra	mme coordinator Biologi	e (Biology)	Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
to prote	ein stru ral biol	cture, transcription and § ogy, neuronal differentia	growth control, genet	ics, signalling casca	xample: biophysical approaches des and receptor pharmacology, ccording to current research are-	
Intende	ed lear	ning outcomes				
rently p	resent		the GSLS such as ne		various fields of life sciences cur- n and immunity, integrative biolo-	
Course	s (type	, number of weekly conta	ct hours, language —	· if other than Germa	ın)	
Ü + S (r	no infoi	mation on SWS (weekly o	contact hours) and co	ourse language avail	able)	
		sessment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination (of one candidate eac	h (usually 30 to 60 n	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teachi		٩				
···	is cycl	-				
Poforro	d to in	LPOI (examination regu	lations for toaching a	lagraa programmaa)		
Referre						
Madula						
Module		ee (1 major) FOKUS Life S	cioncos (2012)			
master	s uegr	ee (1 major) FUKUS LIFE S	ciences (2012)			

Module title			Abbreviation		
Intership 1					07-MLSEP1-122-m01
Module	e coord	inator		Module offered by	
Dean of	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
10	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
		erience abroad in agencie t must have a duration of			according to the place selected.
Intende	ed lear	ning outcomes			
Studen experie		amiliar with the structure	es of agencies, resear	ch institutes and inc	lustry and have gained practical
Course	s (type	, number of weekly conta	ct hours, language —	· if other than Germa	n)
P (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	ad				
Teachir		0			
Teacini	ig tyti	t			
Doforro	d to in	IDOL (ovamination reas	lations for taashing a	lagraa programmaa)	
Referre		LPOI (examination regu			
Module			. ()		
Master	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module title				Abbreviation	
Intersh	ip 2			07-MLSEP2-122-m01	
Module	e coord	inator		Module offered by	
Dean of	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
10	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
		erience abroad in agencie t must have a duration of			according to the place selected.
Intende	ed lear	ning outcomes			
Studen experie		amiliar with the structure	es of agencies, resear	ch institutes and inc	lustry and have gained practical
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)
P (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-
10 to 30 groups	o pages of up t	s) or c) oral examination (of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat					
Additio	nal inf	ormation			
Worklo	ad				
Teachir		•			
Teacini	ig cycl	6			
Poforro	d to in	LPOI (examination regu	lations for toaching a	logroo programmoc)	
Kelene					
Modula		ve in			
Module			cioneos (acto)		
master	s aegr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title					Abbreviation
Excursion 1					07-MLSEX1-122-m01
Module	e coord	inator		Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
5	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
		eld trip will vary accordin ative biology. The field tri			may include field work in the
Intende	ed lear	ning outcomes			
		vill provide students with w to collect data in the fie		ge links with industr	ry and potential employers and/
Course	s (type	, number of weekly conta	ct hours, language —	· if other than Germa	n)
E (no in	format	ion on SWS (weekly cont	act hours) and course	e language available)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
10 to 30 groups	o page: of up t	s) or c) oral examination of	of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	ion of j	olaces			
Additio	nal inf	ormation			
Worklo	ad				
Teachi		0			
Teacilli	ig tytt	τ			
	J 4 - 1				
Kererre	a to in	LPO I (examination regu	tations for teaching-c	legree programmes)	
		•			
Module					
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title					Abbreviation
Excursion 2					07-MLSEX2-122-m01
Module	e coord	inator		Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	·	od of grading	Only after succ. com	pl. of module(s)	
10	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
		eld trip will vary accordin ative biology. The field tri			may include field work in the
Intende	ed lear	ning outcomes			
		vill provide students with w to collect data in the fie		ge links with industi	ry and potential employers and/
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)
E (no ir	format	ion on SWS (weekly cont	act hours) and course	e language available	2)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
10 to 30 groups	o page: of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	ion of j	olaces			
Additio	onal inf	ormation			
Worklo	ad				
Teachi	ng cycl	e			
Referre	ed to in	LPOI (examination regu	lations for teaching-o	legree programmes)	
Module	e appea	ars in			
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title Abbreviation						
Gradua	Graduate Program Seminar Biomedicine 1 07-MLSGP-BM1-122-m01					
Module coordinator Module offered by						
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	, 0,		
5	(not)	successfully completed				
Durati	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conter	nts					
		speakers present and dis research with relevance t			el/current methods as well as search group.	
Intend	ed lear	ning outcomes				
		e gained an overview of c rrent methods.	utting edge research	in their field and hav	ve developed an understanding	
Course	es (type	, number of weekly conta	ct hours, language –	· if other than Germa	n)	
		tion on SWS (weekly cont				
Metho ster, ir	d of ass formati	sessment (type, scope, la ion on whether module ca	inguage — if other tha an be chosen to earn	an German, examina a bonus)	tion offered — if not every seme	
		(usually 20 to 45 minutes ssessment: English)			
	tion of _l					
Additi	onal inf	ormation				
Workle	oad					
Teachi	ing cycl	e				
	<u> </u>					
Referre	ed to in	LPOI (examination regu	lations for teaching-o	legree programmes)		
			3			
Modul	e appea	ars in				

Gradua			Module title Abbreviation					
Graduate Program Seminar Biomedicine 2 07-MLSGP-BM2-122-m01								
Module	coord	inator		Module offered by	<u> </u>			
Dean of	f Studi	es Biologie (Biology)		Faculty of Biology				
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)				
5	(not) s	successfully completed						
Duratio	n	Module level	Other prerequisites					
1 semes	ster	graduate						
Conten	ts							
		speakers present and dis research with relevance to			el/current methods as well as search group.			
Intende	ed lear	ning outcomes						
		e gained an overview of c rrent methods.	utting edge research	in their field and hav	ve developed an understanding			
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	n)			
		tion on SWS (weekly cont						
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-			
		usually 20 to 45 minutes ssessment: English)					
Allocati	-							
Additio	nal inf	ormation						
Worklo	ad							
Teachir	ng cycl	e						
		-						
Referre	d to in	LPO I (examination regu	lations for teaching-o	degree programmes)				
 Module	annes	ars in						
		ee (1 major) FOKUS Life S	ciences (2012)					

Modul	e title				Abbreviation		
Gradu	Graduate Program Seminar Integrative Biology 1 07-MLSGPIB1-122-m01						
Modul	e coord	inator		Module offered by	<u> </u>		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology			
ECTS		od of grading	Only after succ. con				
5	(not)	successfully completed					
Durati	on	Module level	Other prerequisites				
1 seme	ester	graduate					
Conte	nts						
	•	speakers present and dis research with relevance to		•	el/current methods as well as search group.		
Intend	ed lear	ning outcomes		· •			
Stude	nts have		utting edge research	in their field and hav	ve developed an understanding		
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	ın)		
S (no i	nforma	tion on SWS (weekly cont	act hours) and cours	e language available	2)		
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-		
		(usually 20 to 45 minutes ssessment: English)				
Alloca	tion of	olaces					
Additi	onal inf	ormation					
Workle	nad						
	Jud						
Tacah	no aval						
reach	ng cycl	e					
Referr	ed to in	LPOI (examination regu	lations for teaching-o	legree programmes)			
	e appea						
Maste	r's degr	ee (1 major) FOKUS Life S	ciences (2012)				

Modul	e title				Abbreviation		
Gradu	Graduate Program Seminar Integrative Biology 2 07-MLSGPIB2-122-m01						
Modul	e coord	inator		Module offered by	<u> </u>		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology			
ECTS		od of grading	Only after succ. con				
5	(not)	successfully completed					
Durati	on	Module level	Other prerequisites				
1 seme	ester	graduate					
Conte	nts						
	•	speakers present and dis research with relevance to		•	el/current methods as well as search group.		
Intend	ed lear	ning outcomes		· ·	· ·		
Stude	nts have		utting edge research	in their field and hav	ve developed an understanding		
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	n)		
S (no i	nforma	tion on SWS (weekly cont	act hours) and cours	e language available	2)		
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-		
		(usually 20 to 45 minutes ssessment: English)				
Alloca	tion of	olaces					
Additi	onal inf	ormation					
Workl	nad						
Tooch	ing cycl	0					
reduil	ing cycl	C					
 D-(-			lation - Contra al 1				
Keferr	ed to in	LPOI (examination regu	lations for teaching-o	legree programmes)			
	e appea						
Maste	r's degr	ee (1 major) FOKUS Life S	ciences (2012)				

Module title					Abbreviation	
Graduate Program Seminar Infection and Immunity 1					07-MLSGP-II1-122-m01	
Modul	e coord	inator		Module offered by		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Durati	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conte	nts					
		speakers present and dis research with relevance t			vel/current methods as well as search group.	
Intend	ed lear	ning outcomes				
		e gained an overview of c rrent methods.	utting edge research	in their field and ha	ve developed an understanding	
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	ın)	
		ion on SWS (weekly cont				
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
		usually 20 to 45 minutes ssessment: English)			
	tion of _j					
Additi	onal inf	ormation				
Workle	oad					
Teachi	ing cycl	e				
Referr	ed to in	LPOI (examination regu	lations for teaching-	degree programmes)		
Modul	e appea	ars in				
Maste	r's degr	ee (1 major) FOKUS Life S	ciences (2012)			

Module title					Abbreviation	
Graduate Program Seminar Infection and Immunity 2					07-MLSGP-II2-122-m01	
Modul	le coord	inator		Module offered by		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS	_	od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Durati	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conte	nts					
		speakers present and dis research with relevance t			el/current methods as well as search group.	
Intend	led lear	ning outcomes				
		e gained an overview of c rrent methods.	utting edge research	in their field and hav	ve developed an understanding	
Course	es (type	, number of weekly conta	ict hours, language –	- if other than Germa	n)	
S (no i	informat	tion on SWS (weekly cont	act hours) and cours	e language available	2)	
		sessment (type, scope, la ion on whether module c			tion offered — if not every seme-	
		(usually 20 to 45 minutes ssessment: English)			
	tion of _j					
Additi	onal inf	ormation				
Workl	oad					
Teachi	ing cycl	e				
			1-4:	1		
Referr	ed to in	LPOI (examination regu	liations for teaching-o	legree programmes)		
Keren						
	le appea	ars in				

Module title Abbreviation						
Gradua	Graduate Program Seminar Neurosciences 1 07-MLSGP-NS1-122-m01					
Modul	e coord	inator		Module offered by	<u> </u>	
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con			
5	(not) s	successfully completed				
Durati	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conter	nts					
		speakers present and dis research with relevance to			el/current methods as well as search group.	
Intend	ed lear	ning outcomes		· ·		
Studer		uire an overview of cutting	g edge research in th	eir field as well as ai	n understanding of new and cur-	
Course	es (type	, number of weekly conta	ict hours, language –	- if other than Germa	n)	
	-	tion on SWS (weekly cont				
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-	
		(usually 20 to 45 minutes ssessment: English)			
Alloca	tion of p	olaces				
Additio	onal inf	ormation				
Worklo	oad		•			
Teachi	ng cycl	ρ	-			
	ing cycl					
Poforr	ad to in	LPO I (examination regu	lations for toaching	dogroo programmac)		
Kelelli		LEVI (examination legu		regree programmes)		
Modul	e appea	ars in				

Module title					Abbreviation	
Graduate Program Seminar Neurosciences 2					07-MLSGP-NS2-122-m01	
Modul	e coord	inator		Module offered by		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Durati	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conter	nts					
		speakers present and dis research with relevance to			el/current methods as well as search group.	
Intend	ed lear	ning outcomes				
	nts acqu ethods.		g edge research in th	eir field as well as ar	n understanding of new and cur-	
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	n)	
S (no i	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	<u>a)</u>	
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-	
		usually 20 to 45 minutes ssessment: English)			
	tion of p					
Additi	onal inf	ormation				
 Workle	bad					
 Teachi	ng cycl	e				
 Referre	ed to in	LPO I (examination regu	lations for teaching-	legree programmes)		
	e appea					
Maste	r's degr	ee (1 major) FOKUS Life S	ciences (2012)			

Module title Abbreviation					Abbreviation		
Infectio	on Biolo	ogy			07-MLSINF-111-m01		
Module	e coord	inator		Module offered by			
holder	of the (Chair of Microbiology		Faculty of Biology			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
5	nume	rical grade					
Duratio	on	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
		of the effector mechanis ens; current methods in ir		factors, specific exa	mples of prokaryotic and euka-		
Intende	ed lear	ning outcomes					
		erstand the fundamental on biology as well as the			he pathogenicity of microorga-		
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)		
V (no ir	format	tion on SWS (weekly cont	act hours) and cours	e language available			
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-		
one cai prox. 3	ndidate o to 60				stions) or b) oral examination of of up to 3 candidates (usually ap-		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Worklo	ad						
Teaching cycle							
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)			
		`		<u> </u>			
Module	e appea	irs in					
		ee (1 major) FOKUS Life S	ciences (2012)				

	Module title Abbreviation					
Special Subject Lecture 1 (actual lectures to be specified) 07-MLSL1-122-m01						
Module coordinator				Module offered by		
Dean	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)		
10	(not)	successfully completed				
Durati	ion	Module level	Other prerequisites	i		
1 sem	ester	graduate				
Conte	nts					
Cuttin	g edge t	topics in the life sciences	. Content varies each	i semester.		
Intend	ded lear	ning outcomes				
Stude	nts gain	an overview of current to	opics in the life scien	ces.		
Cours	es (type	, number of weekly conta	act hours, language –	- if other than Germa	ın)	
V (no i	informa	tion on SWS (weekly cont	tact hours) and cours	e language available		
	od of as	sessment (type, scope, la	anguage — if other th	an German, examina	tion offered — if not every seme-	
ster, in a) writ one ca prox. <u>:</u> Langu	od of as: nformat tten exa andidate 30 to 60 age of a	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) sssessment: English	anguage — if other th an be chosen to earn o minutes, including	an German, examina a bonus) multiple choice que	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. <u>:</u> Langu	od of as: nformat tten exa andidate 30 to 60	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) sssessment: English	anguage — if other th an be chosen to earn o minutes, including	an German, examina a bonus) multiple choice que	tion offered — if not every seme-	
ster, in a) writ one ca prox. <u>a</u> Langu Alloca	nformat nformat tten exa andidate 30 to 60 age of a stion of	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) assessment: English places	anguage — if other th an be chosen to earn o minutes, including	an German, examina a bonus) multiple choice que	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. <u>1</u> Langu Alloca Additi	od of as: nformat tten exa andidate 30 to 60 age of a ition of	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) issessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa	an German, examina a bonus) multiple choice que amination in groups	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. (Langu Alloca Additi	od of as: nformat tten exa andidate 30 to 60 age of a ation of ional inf	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) assessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa	an German, examina a bonus) multiple choice que amination in groups	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. <u>1</u> Langu Alloca Additi	od of as: nformat tten exa andidate 30 to 60 age of a ation of ional inf	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) issessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa	an German, examina a bonus) multiple choice que amination in groups	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. <u>1</u> Langu Alloca Additi Workl 	od of as: nformat tten exa andidate 30 to 60 age of a ation of onal inf onal inf	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) assessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa	an German, examina a bonus) multiple choice que amination in groups	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. <u>1</u> Langu Alloca Additi Workl 	od of as: nformat tten exa andidate 30 to 60 age of a ation of ional inf	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) assessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa	an German, examina a bonus) multiple choice que amination in groups	tion offered — if not every seme- stions) or b) oral examination of	
ster, in a) writ one ca prox. <u>1</u> Langu Alloca Additi Workl Teach 	od of as: nformat tten exa andidate 30 to 60 age of a ition of onal inf onal inf oad	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) issessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	an German, examina a bonus) multiple choice que amination in groups	ition offered — if not every seme- stions) or b) oral examination of of up to 3 candidates (usually ap	
ster, in a) writ one ca prox. <u>1</u> Langu Alloca Additi Workl Teach 	od of as: nformat tten exa andidate 30 to 60 age of a ition of onal inf onal inf oad	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) assessment: English places	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	an German, examina a bonus) multiple choice que amination in groups	ition offered — if not every seme- stions) or b) oral examination of of up to 3 candidates (usually ap	
ster, in a) writ one ca prox. : Langu Alloca Additi Workl Teach Referr 	od of as: nformat tten exa andidate 30 to 60 age of a ition of onal inf onal inf oad	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r o minutes) issessment: English places formation formation on module dura	anguage — if other th an be chosen to earn o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	an German, examina a bonus) multiple choice que amination in groups	ition offered — if not every seme- stions) or b) oral examination of of up to 3 candidates (usually ap	

Module title Abbreviation							
Special Subject Lecture 2 (actual lectures to be specified) 07-MLSL2-122-m01							
Modu	le coord	inator	Module offered by				
Dean	of Studi	es Biologie (Biology)		Faculty of Biology			
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)			
10	(not)	successfully completed					
Durati	ion	Module level	Other prerequisites				
1 sem	ester	graduate					
Conte	nts						
Preser	ntation	and discussion of cutting	edge literature in the	e field of life science	5.		
Intend	led lear	ning outcomes					
Stude	nts are a	able to understand, pres	ent and critically disc	uss cutting edge lite	rature in the field of life sciences		
Cours	es (type	, number of weekly conta	ict hours, language –	- if other than Germa	n)		
		tion on SWS (weekly con					
a) writ one ca prox.	ten exa andidate 30 to 60	e each (usually 30 to 60 r minutes)	o minutes, including	multiple choice que	stions) or b) oral examination of of up to 3 candidates (usually ap		
Alloca	tion of	Language of assessment: English Allocation of places					
		places					
 Additi	onal inf	ormation					
			ation: 1 to 2 semester	·			
	onal inf	ormation	ation: 1 to 2 semester	'S.			
Additi	onal inf	ormation	ation: 1 to 2 semester	'S			
Additi Workl	onal inf	ormation ormation on module dura	ation: 1 to 2 semester	'S.			
Additi Workl	onal inf oad	ormation ormation on module dura	ation: 1 to 2 semester	'S.			
Additi Workl Teach	onal inf oad ing cycl	ormation ormation on module dura					
Additi Workl Teach	onal inf oad ing cycl	ormation ormation on module dura e					
Additi Workl Teach Referr 	onal inf oad ing cycl	ormation ormation on module dura e LPOI (examination regu					

	Module title Abbreviation					
Special Subject Lecture 3 (actual lectures to be specified) 07-MLSL3-122-m01						
Module coordinator				Module offered by		
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	npl. of module(s)		
5	(not)	successfully completed				
Durati	on	Module level	Other prerequisites	i		
1 seme	ester	graduate				
Conter	nts					
Curren	t topics	in the field of life scienc	es, content varies ea	ch semester.		
Intend	ed lear	ning outcomes				
Studer	nts gain	an overview of topics in	the field of life scien	ces.		
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	in)	
V (no i	nforma	tion on SWS (weekly cont	tact hours) and cours	e language available	e)	
ster, information on whether module can be chosen to earn a bonus) a) written examination (usually 30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (usually 30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (usually ap- prox. 30 to 60 minutes)						
a) writt one ca prox. 3	ten exa Indidate 30 to 60	mination (usually 30 to 6 e each (usually 30 to 60 r	o minutes, including	multiple choice que		
a) writh one ca prox. 3 Langua	ten exa Indidate 30 to 60	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English	o minutes, including	multiple choice que	stions) or b) oral examination of	
a) writh one ca prox. 3 Langua	ten exa Indidate 30 to 60 age of a	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English	o minutes, including	multiple choice que	stions) or b) oral examination of	
a) writh one ca prox. 3 Langua Allocat	ten exa Indidate 30 to 60 age of a tion of 	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English	o minutes, including	multiple choice que	stions) or b) oral examination of	
a) writh one ca prox. 3 Langua Allocat	ten exa Indidate 30 to 60 age of a tion of I	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English blaces	o minutes, including ninutes) or c) oral exa	multiple choice que amination in groups	stions) or b) oral examination of	
a) writh one ca prox. 3 Langua Allocat	ten exa Indidate 30 to 60 age of a tion of j onal inf	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English blaces ormation	o minutes, including ninutes) or c) oral exa	multiple choice que amination in groups	stions) or b) oral examination of	
a) writt one ca prox. 3 Langua Allocat Additio	ten exa Indidate 30 to 60 age of a tion of j onal inf	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English blaces ormation	o minutes, including ninutes) or c) oral exa	multiple choice que amination in groups	stions) or b) oral examination of	
a) writt one ca prox. 3 Langua Allocat Additio Worklo 	ten exa Indidate 30 to 60 age of a tion of j onal inf	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English olaces ormation ormation on module dura	o minutes, including ninutes) or c) oral exa	multiple choice que amination in groups	stions) or b) oral examination of	
a) writt one ca prox. 3 Langua Allocat Additio Worklo 	ten exa andidate go to 60 age of a tion of j onal inf onal inf	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English olaces ormation ormation on module dura	o minutes, including ninutes) or c) oral exa	multiple choice que amination in groups	stions) or b) oral examination of	
a) writt one ca prox. 3 Langua Allocat Additio Worklo Teachi	ten exa Indidate go to 60 age of a tion of j onal inf onal inf oad	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English olaces ormation ormation on module dura	o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	multiple choice que amination in groups	stions) or b) oral examination of of up to 3 candidates (usually ap	
a) writt one ca prox. 3 Langua Allocat Additio Worklo Teachi	ten exa Indidate go to 60 age of a tion of j onal inf onal inf oad	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English olaces ormation ormation on module dura	o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	multiple choice que amination in groups	stions) or b) oral examination of of up to 3 candidates (usually ap	
a) writt one ca prox. 3 Langua Allocat Additio Worklo Teachi Referro	ten exa Indidate go to 60 age of a tion of j onal inf onal inf oad	mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ssessment: English olaces ormation ormation on module dura e LPOI (examination regu	o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	multiple choice que amination in groups	stions) or b) oral examination of of up to 3 candidates (usually ap	

	Module title Abbreviation				
Special Subject Lecture 4 (actual lectures to be specified) 07-MLSL4-122-m01					
Module coordinator Module					<u> </u>
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	1	od of grading	Only after succ. con	npl. of module(s)	
5	(not)	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
Cutting	g edge l	iterature in the field of lif	e sciences.		
Intend	ed lear	ning outcomes			
Studer	nts are a	able to understand, prese	ent and critically disc	uss cutting edge lite	rature in the field of life sciences
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	an)
V (no i	nforma	tion on SWS (weekly cont	tact hours) and cours	e language availabl	e)
ster, information on whether module can be chosen to earn a bonus) a) written examination (usually 30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (usually 30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (usually ap- prox. 30 to 60 minutes)					
a) writt one ca prox. 3	nformat ten exa Indidate 30 to 60	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r	an be chosen to earn o minutes, including	a bonus) multiple choice que	estions) or b) oral examination of
a) writt one ca prox. 3 Langua	nformat ten exa Indidate 30 to 60	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ussessment: English	an be chosen to earn o minutes, including	a bonus) multiple choice que	estions) or b) oral examination of
a) writt one ca prox. 3 Langua	nformat ten exa indidate 30 to 60 age of a	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ussessment: English	an be chosen to earn o minutes, including	a bonus) multiple choice que	estions) or b) oral examination of
a) writt one ca prox. 3 Langua Allocat	nformat ten exa andidate 30 to 60 age of a tion of p	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) ussessment: English	an be chosen to earn o minutes, including	a bonus) multiple choice que	estions) or b) oral examination of
a) writh one ca prox. 3 Langua Allocat	nformat ten exa andidate go to 60 age of a tion of p onal inf	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places	an be chosen to earn o minutes, including ninutes) or c) oral exa	a bonus) multiple choice que amination in groups	
a) writh one ca prox. 3 Langua Allocat	nformat ten exa undidate to to 60 age of a tion of p onal inf	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places	an be chosen to earn o minutes, including ninutes) or c) oral exa	a bonus) multiple choice que amination in groups	estions) or b) oral examination of
a) writt one ca prox. 3 Langua Allocat Additio	nformat ten exa undidate to to 60 age of a tion of p onal inf	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places	an be chosen to earn o minutes, including ninutes) or c) oral exa	a bonus) multiple choice que amination in groups	estions) or b) oral examination of
a) writt one ca prox. 3 Langua Allocat Additio Worklo 	nformat ten exa undidate to to 60 age of a tion of p onal inf	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places formation ormation on module dura	an be chosen to earn o minutes, including ninutes) or c) oral exa	a bonus) multiple choice que amination in groups	estions) or b) oral examination of
a) writt one ca prox. 3 Langua Allocat Additio Worklo 	nformat ten exa andidate go to 60 age of a tion of p onal inf onal inf	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places formation ormation on module dura	an be chosen to earn o minutes, including ninutes) or c) oral exa	a bonus) multiple choice que amination in groups	estions) or b) oral examination of
a) writt one ca prox. 3 Langua Allocat Additio Worklo Teachi	nformat ten exa andidate go to 60 age of a tion of p onal inf onal inf oad	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places formation ormation on module dura	an be chosen to earn o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	a bonus) multiple choice que amination in groups	estions) or b) oral examination of of up to 3 candidates (usually ap
a) writt one ca prox. 3 Langua Allocat Additio Worklo Teachi	nformat ten exa andidate go to 60 age of a tion of p onal inf onal inf oad	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places formation ormation on module dura	an be chosen to earn o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	a bonus) multiple choice que amination in groups	estions) or b) oral examination of of up to 3 candidates (usually ap
a) writt one ca prox. 3 Langua Allocat Additio Worklo Teachi Referro	nformat ten exa andidate go to 60 age of a tion of p onal inf onal inf oad	ion on whether module c mination (usually 30 to 6 e each (usually 30 to 60 r minutes) issessment: English places formation ormation on module dura e LPOI (examination regu	an be chosen to earn o minutes, including ninutes) or c) oral exa ation: 1 to 2 semester	a bonus) multiple choice que amination in groups	estions) or b) oral examination of of up to 3 candidates (usually ap

	Module title Abbreviation					
Special	Special Subject Lecture 5 (actual lectures to be specified) 07-MLSL5-122-m01					
Module	coordinator		Module offered by	·		
Dean of	Studies Biologie (Biology)		Faculty of Biology			
ECTS	Method of grading	Only after succ. con	npl. of module(s)			
3	(not) successfully completed					
Duration	n Module level	Other prerequisites	i			
1 semes	ter graduate					
Content	s					
Current	topics in the field of life sciend	ces.				
Intende	d learning outcomes					
Student	s gain an overview of current t	opics in the life scien	ces.			
Courses	(type, number of weekly cont	act hours, language –	- if other than Germa	ın)		
V (no inf	formation on SWS (weekly con	tact hours) and cours	e language available	2)		
one can prox. 30				stions) or b) oral examination of of up to 3 candidates (usually ap		
Allocatio	on of places					
Addition	al information					
		-				
Workloa	d					
Teaching	g cvcle					
	U - y					
Referred	I to in LPO I (examination reg	ulations for teaching.	degree programmes)			
Modulo	appears in					
	appears in 5 degree (1 major) FOKUS Life S	Sciences (2212)				
masters	Guegree (1 major) FORUS LIFE					

Module title Abbreviation									
Special Subject Lecture 6 (actual lectures to be specified) 07-MLSL6-122-m01									
Module coordinator				Module offered by					
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology					
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)					
3	(not)	successfully completed							
Duratio	on	Module level	Other prerequisites						
1 seme	ester	graduate							
Conter	nts								
Cutting	g edge t	opics in the life sciences	. Content varies each	semester.					
Intend	ed lear	ning outcomes							
Studer	nts are a	able to understand, prese	ent and critically disc	uss cutting edge lite	rature in the field of life sciences.				
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	ın)				
V (no i	nforma	tion on SWS (weekly cont	tact hours) and cours	e language available	2)				
ster, in a) writt one ca prox. 3	iformati ten exa ndidate so to 60	ion on whether module c mination (usually 30 to 6	an be chosen to earn o minutes, including	a bonus) multiple choice que	tion offered — if not every seme- stions) or b) oral examination of of up to 3 candidates (usually ap-				
Allocat	tion of	olaces							
			-						
Additio	onal inf	ormation							
			-						
Worklo	oad								
	-								
Teachi	ng cycl	e							
Referro	ed to in	LPOI (examination regu	lations for teaching-	degree programmes)					
					Referred to in LPO I (examination regulations for teaching-degree programmes)				
Modul	e appea	ars in							

Congress Participation 1 (Poster) Module offered by Module offered by Faculty of Biology ECTS Metry of grading Only after succ. compl. of module(s) 5 (not) = successfully completed Duration Module level Other prerequisites Contests graduate Dorsing and presentation of a poster describing research project results. Contests Poster design, and presentation of a poster describing research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language – if other than German, examination offered – if not every semester, information on SWS (weekly contact hours) and course language available) Method of assessment: English Aldication on whether module can be chosen to earn a bonus)	Module	Module title Abbreviation					
Dean of Studies Biologie (Biology) Faculty of Biology ECTS Method of grading Only after succ. compl. of module(s) 5 (not) successfully completed Duration Module level Other prerequisites 1 semester graduate Contents Design and presentation of a poster describing research project results. Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language – if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Workload Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Congress Participation 1 (Poster) 07-MLSM1-122-m01					07-MLSM1-122-m01	
Dean of Studies Biologie (Biology) Faculty of Biology ECTS Method of grading Only after succ. compl. of module(s) 5 (not) successfully completed Duration Module level Other prerequisites 1 semester graduate Contents Design and presentation of a poster describing research project results. Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language – if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Workload Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Module	e coord	inator		Module offered by		
Method of grading Only after succ. compl. of module(s) 5 (not) successfully completed Duration Module level Other prerequisites 1 semester graduate Contents Design and presentation of a poster describing research project results. Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language if other than German) S S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language if other than German, examination offered if not every semester, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Dean o	f Studi	es Biologie (Biology)				
Duration Module level Other prerequisites 1 semester graduate Contents Design and presentation of a poster describing research project results. Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language — if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Atlocation of places Morkload Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in				Only after succ. con	, ,,		
1 semester graduate Contents	5	(not) s	successfully completed				
Contents Design and presentation of a poster describing research project results. Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language — if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Morkload Teaching cycle Referred to in LPO 1 (examination regulations for teaching-degree programmes) Module appears in	Duratio	on	Module level	Other prerequisites			
Design and presentation of a poster describing research project results. Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language — if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Referred to in LPO 1 (examination regulations for teaching-degree programmes) Module appears in	1 seme	ster	graduate				
Intended learning outcomes Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language — if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Conten	ts					
Poster design, oral presentation of research project results/abstract thereof, ability to answer specific questions regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language — if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Design	and pr	esentation of a poster de	scribing research pro	oject results.		
regarding experiment design and interpretation of results. Courses (type, number of weekly contact hours, language — if other than German) S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Intende	ed lear	ning outcomes				
S (no information on SWS (weekly contact hours) and course language available) Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in					abstract thereof, ab	ility to answer specific questions	
Method of assessment (type, scope, language — if other than German, examination offered — if not every seme- ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Course	s (type	, number of weekly conta	ict hours, language –	· if other than Germa	n)	
ster, information on whether module can be chosen to earn a bonus) poster in accordance with conference specifications Language of assessment: English Allocation of places Additional information Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	S (no ir	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	a)	
Language of assessment: English Allocation of places Additional information Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in						tion offered — if not every seme-	
Additional information Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in				specifications			
Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Allocat	ion of j	olaces				
Workload Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in		,					
Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Additio	nal inf	ormation				
Teaching cycle Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in							
Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Worklo	ad					
Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in							
Referred to in LPO I (examination regulations for teaching-degree programmes) Module appears in	Teachi	ng cycl	e				
	Referre	d to in	LPOI (examination regu	lations for teaching-o	legree programmes)		
				U			
Master's degree (1 major) FOKUS Life Sciences (2012)	Module	e appea	urs in				
				ciences (2012)			

Module title Abbreviation				
Congress Participation 2 (Poster) 2 07-MLSM2-122				
Module coo	dinator		Module offered by	
Dean of Stu	lies Biologie (Biology)		Faculty of Biology	
	hod of grading	Only after succ. con	npl. of module(s)	
5 (not) successfully completed			
Duration	Module level	Other prerequisites		
1 semester	graduate			
Contents				
Design and	presentation of a poster de	escribing research pro	oject results.	
Intended lea	rning outcomes			
	n, oral presentation of res periment design and inter		abstract thereof, ab	ility to answer specific questions
Courses (typ	e, number of weekly conta	act hours, language –	- if other than Germa	n)
S (no inform	ation on SWS (weekly con	tact hours) and cours	e language available	2)
	ssessment (type, scope, la ation on whether module c			tion offered — if not every seme-
	cordance with conference s assessment: English	specifications		
Allocation o				
Additional i	nformation			
Workload				
Teaching cy	cle			
Referred to	n LPO I (examination regu	llations for teaching-	degree programmes)	
Module app	ears in			
Master's de	gree (1 major) FOKUS Life S	ciences (2012)		

Module title Abbreviation					Abbreviation
Congress Participation (Talk) 1					07-MLSMT1-122-m01
Module coordinator				Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
10	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
Design	and pr	esentation of a talk desc	ribing research proje	ct results.	
Intend	ed lear	ning outcomes			
presen	t currer		of research project r	esults/abstract there	ual slides, design of figures to eof, ability to answer specific
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)
S (no ii	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	2)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat					
Additio	onal inf	ormation			
Worklo	ad				
Teachi	ng cycl	e			
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)				
Module	e appea	ars in			
	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module title Abbreviation					Abbreviation	
Congress Participation (Talk) 2					07-MLSMT2-122-m01	
Modul	e coord	inator		Module offered by		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. con			
10	(not)	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conten	nts					
Design	and pr	esentation of a talk desc	ribing research proje	ct results.		
Intend	ed lear	ning outcomes				
presen	t currei		of research project r	esults/abstract there	ual slides, design of figures to eof, ability to answer specific	
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	n)	
S (no ii	nforma	tion on SWS (weekly cont	act hours) and cours	e language available	a)	
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-	
		usually 20 to 45 minutes ssessment: English)			
Allocat	tion of p	places				
	_					
Additio	onal inf	ormation				
Worklo	ad					
Teachi	ng cycl	e				
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	e appea	ars in				
	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title				Abbreviation		
Biomedicine Lab 1					07-MLSPC-BM1-122-m01	
Module	e coord	inator		Module offered by		
Dean of	f Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab projec	:t.	
Intende	ed lear	ning outcomes				
					iques, and learned how to apply s of raw data and their presentati-	
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
P (no in	format	ion on SWS (weekly cont	act hours) and course	e language available	2)	
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teaching cycle						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	Module appears in					
Master	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title					Abbreviation	
Biomedicine Lab 2					07-MLSPC-BM2-122-m01	
Module	e coord	inator		Module offered by		
Dean of	f Studie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab projec	et.	
Intende	ed leari	ning outcomes				
					iques, and learned how to apply s of raw data and their presentati-	
Courses	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
P (no in	format	ion on SWS (weekly cont	act hours) and course	e language available	2)	
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teaching cycle						
-						
Referre	d to in	LPO I (examination regu	lations for teaching-c	legree programmes)		
Module	e appea	irs in				
Master'	's degr	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module title			Abbreviation				
Integrative Bio	logy Lab 1		07-MLSPC-IB1-122-m01				
Module coordin	nator		Module offered by				
Dean of Studies	s Biologie (Biology)		Faculty of Biology				
· · · · · · · · · · · · · · · · · · ·	d of grading	Only after succ. com	pl. of module(s)				
10 (not) su	accessfully completed						
Duration I	Module level	Other prerequisites					
1 semester	graduate						
Contents							
Students spend	d five weeks working on	a small, well-defined	l scientific lab or fiel	d project.			
Intended learni	ing outcomes						
				iques, and learned how to apply s of raw data and their presentati-			
Courses (type,	number of weekly conta	ct hours, language —	· if other than Germa	n)			
P (no information	on on SWS (weekly cont	act hours) and cours	e language available)			
	essment (type, scope, la on on whether module ca			tion offered — if not every seme-			
10 to 30 pages) groups of up to	or c) oral examination of	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)			
Allocation of pl	aces						
Additional info	rmation						
Workload							
Teaching cycle	Teaching cycle						
Referred to in L	.POI (examination regu	lations for teaching-c	legree programmes)				
Module appear	rs in						
Master's degree	Master's degree (1 major) FOKUS Life Sciences (2012)						

Module					Abbreviation
Integrative Biology Lab 2					07-MLSPC-IB2-122-m01
Module	e coord	inator		Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
10	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab or fiel	d project.
Intende	ed lear	ning outcomes			
					iques, and learned how to apply s of raw data and their presentati-
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)
P (no in	format	tion on SWS (weekly cont	act hours) and cours	e language available)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
10 to 30 groups	o page: of up t	s) or c) oral examination (of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	ion of _l	olaces			
Additio	nal inf	ormation			
Worklo	ad				
Teachi	ng cycl	e			
	-				
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)	
Module	e appea	ars in			
Master	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module title				Abbreviation		
Infection and Immunity Lab 1					07-MLSPC-II1-122-m01	
Module	e coord	inator		Module offered by		
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab projec	:t.	
Intende	ed lear	ning outcomes				
					iques, and learned how to apply s of raw data and their presentati-	
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
P (no in	format	ion on SWS (weekly cont	act hours) and cours	e language available	e)	
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eac	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teaching cycle						
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)		
	·					
Module	Module appears in					
Master	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title					Abbreviation	
Infection and Immunity Lab 2					07-MLSPC-II2-122-m01	
Module	e coord	inator		Module offered by		
Dean of	f Studie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab projec	:t.	
Intende	ed learı	ning outcomes				
					iques, and learned how to apply s of raw data and their presentati-	
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
P (no in	format	ion on SWS (weekly cont	act hours) and course	e language available)	
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teaching cycle						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	Module appears in					
Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title Al				Abbreviation			
Neurosciences Lab 1					07-MLSPC-NS1-122-m01		
Module	e coord	inator		Module offered by			
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
10	(not) s	successfully completed					
Duratio	on	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab projec	:t.		
Intende	ed lear	ning outcomes					
					iques, and learned how to apply s of raw data and their presentati-		
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)		
P (no in	format	ion on SWS (weekly cont	act hours) and course	e language available	e)		
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-		
or c) or 3 candi	al exan idates (e each (approx. 30 to	60 minutes) or d) or	stions) or b) log (10 to 30 pages) al examination in groups of up to nutes)		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Worklo	ad						
Teachi	Teaching cycle						
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)			
Module	e appea	irs in					
Master	Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title				Abbreviation		
Neurosciences Lab 2					07-MLSPC-NS2-122-m01	
Module	e coord	inator		Module offered by		
Dean of	f Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Studen	ts sper	nd five weeks working on	a small, well-defined	scientific lab projec	et.	
Intende	ed lear	ning outcomes				
					iques, and learned how to apply s of raw data and their presentati-	
Courses	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
P (no in	format	ion on SWS (weekly cont	act hours) and course	e language available	2)	
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teaching cycle						
-						
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)		
Module	e appea	irs in				
Master'	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title					Abbreviation	
Pathogenicity of Macroorganisms					07-MLSPM-111-m01	
Modul	e coord	inator		Module offered by		
holder	ofthe	Chair of Microbiology		Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)		
5	nume	rical grade				
Durati	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conter	nts					
al path	nogenic				adherence and invasion, bacteri- nd pathogen interference, current	
Intend	ed lear	ning outcomes				
		are able to understand fu infectious diseases.	ndamental theories (of molecular microbi	ology, infection biology and the	
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	in)	
V (no i	nforma	tion on SWS (weekly cont	act hours) and cours	e language available	e)	
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-	
one ca prox. 3	indidate 30 to 60				stions) or b) oral examination of of up to 3 candidates (usually ap-	
Alloca	tion of	places				
Additi	onal inf	ormation				
Workle	oad					
Teachi	Teaching cycle					
Referre	ed to in	LPO I (examination regu	lations for teaching-	degree programmes)		
Modul	e appea	ars in				
		ee (1 major) FOKUS Life S	ciences (2012)			
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Module title Abbreviation					Abbreviation
Retreat Biomedicine 1					07-MLSRBM1-122-m01
Modul	e coord	inator		Module offered by	
Dean o	of Studio	es Biologie (Biology)		Faculty of Biology	
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
5	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
and the	eir disc		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intend	ed lear	ning outcomes			
		skills, (oral) presentation e field, troubleshooting s			taking into consideration current rts.
Course	s (type	, number of weekly conta	ict hours, language –	- if other than Germa	n)
S (no i	nformat	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat	tion of p	olaces			
Additio	onal inf	ormation			
			,		
Worklo	ad				
Teachi	ng cycl	e			
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Modul	e appea	irs in			
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title					Abbreviation
Retreat Biomedicine 2					07-MLSRBM2-122-m01
Module coordinator				Module offered by	<u> </u>
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. con	npl. of module(s)	
5	(not)	successfully completed			
Durati	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
and th	eir disc		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intend	ed lear	ning outcomes			
		skills, (oral) presentation ne field, troubleshooting s			taking into consideration current rts.
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	n)
S (no i	nforma	tion on SWS (weekly cont	tact hours) and cours	e language available	2)
		sessment (type, scope, la ion on whether module c			tion offered — if not every seme-
		(usually 20 to 45 minutes ssessment: English)		
Allocat	tion of _l	places			
Additio	onal inf	ormation	-		
			-		
Worklo	bad				
Teachi	ng cycl	e			
Referre	ed to in	LPOI (examination regu	llations for teaching-	degree programmes)	
Modul	e appea	ars in			

Module title Abbreviation					
Researc	ch Gro	up Seminar Biomedicine	1		07-MLSRGBM1-122-m01
Module	coord	inator		Module offered by	<u> </u>
Dean of	Studi	es Biologie (Biology)		Faculty of Biology	
- i		od of grading	Only after succ. con	npl. of module(s)	
5	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	graduate			
Content	ts				
		ess in the research group e of experiences, trouble		scussion of the resu	lts of all research group mem-
Intende	d lear	ning outcomes			
		e developed problem solv ng skills and are able to p		on skills, scientific o	liscussion skills as well as
Courses	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	in)
S (no in	format	tion on SWS (weekly cont	act hours) and cours	e language available	2)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocati	ion of p	olaces			
Additio	nal inf	ormation			
Workloa	ad				
Teachin	ig cvcl	e			
	3 2 , 3 (
Referre	d to in	LPOI (examination regu	lations for teaching-	degree programmes)	
Module	annes	ars in			
		ee (1 major) FOKUS Life S	ciences (2012)		
master	s uegr	ee (1 IIIajui) FURUS LITE S	ciences (2012)		

Module title At					Abbreviation	
Resear	Research Group Seminar Biomedicine 2				07-MLSRGBM2-122-m01	
Module	e coord	inator		Module offered by		
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Present	tation a	and discussion of cutting	edge literature.			
Intende	ed lear	ning outcomes				
		utting edge literature in tl plications.	he field of neuroscier	ice, ability to critical	ly read, present and discuss the	
Course	s (type	, number of weekly conta	act hours, language –	- if other than Germa	n)	
S (no ir	format	tion on SWS (weekly cont	tact hours) and cours	e language available	2)	
		essment (type, scope, la on on whether module c			tion offered — if not every seme-	
		usually 20 to 45 minutes ssessment: English))			
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teachi	ng cycl	e				
Referre	d to in	LPOI (examination regu	lations for teaching-	degree programmes)		
Module	e appea	urs in				
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)			

Module title Abbreviation					
Research Group Seminar Integrative Biology 1 07-MLSRGIB1-122-m01					
Module coordinator				Module offered by	<u>, </u>
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. con	· · · · · · · · · · · · · · · · · · ·	
5	(not)	successfully completed			
Durati	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
		ess in the research group se of experiences, trouble		scussion of the resu	lts of all research group mem-
Intend	ed lear	ning outcomes			
		e developed problem solv ng skills and are able to p		on skills, scientific o	liscussion skills as well as
Course	es (type	, number of weekly conta	ct hours, language –	if other than Germa	in)
S (no i	nforma	tion on SWS (weekly cont	act hours) and cours	e language available	e)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
		(usually 20 to 45 minutes ssessment: English)		
Alloca	tion of	places			
Additi	onal inf	ormation			
Worklo	oad				
Teachi	ing cycl	e	·		
	<u> </u>				
Referre	ed to in	LPOI (examination regu	lations for teaching-o	legree programmes)	
Modul	e appea	ars in			
		ee (1 major) FOKUS Life S	: ()		

Module title Abbreviation						
Resear	ch Gro	up Seminar Integrative B	iology 2		07-MLSRGIB2-122-m01	
Module	e coord	inator		Module offered by	<u> </u>	
Dean o	fStudi	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Present	tation a	and discussion of cutting	edge literature.			
Intende	ed lear	ning outcomes				
		utting edge literature in tl blications.	ne field of neuroscien	ice, ability to critical	ly read, present and discuss the	
Course	s (type	, number of weekly conta	ict hours, language –	- if other than Germa	in)	
S (no ir	nformat	ion on SWS (weekly cont	act hours) and cours	e language available		
		e ssment (type, scope, la on on whether module c			tion offered — if not every seme-	
		usually 20 to 45 minutes ssessment: English)			
Allocat	ion of p	olaces				
Additio	onal inf	ormation				
Worklo	ad					
Teachi	ng cycl	e				
Referre	ed to in	LPOI (examination regu	lations for teaching-o	degree programmes)		
				<u> </u>		
Module	e appea	irs in				
		ee (1 major) FOKUS Life S	ciences (2012)			

Module title Abbreviation					
Resear	rch Gro	up Seminar Infection und		07-MLSRGII1-122-m01	
Module coordinator				Module offered by	<u>, </u>
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	-	od of grading	Only after succ. con		
5	(not) s	successfully completed			
Durati	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
		ess in the research group e of experiences, trouble		scussion of the resu	lts of all research group mem-
Intend	ed lear	ning outcomes			
		e developed problem solv s well as troubleshooting		on skills, scientific o	liscussion skills and experimen-
Course	es (type	, number of weekly conta	ct hours, language –	- if other than Germa	in)
S (no i	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	2)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Alloca	tion of j	olaces			
Additio	onal inf	ormation			
Worklo	oad				
Teachi	ing cycl	ρ			
	ing cyci				
Referre	ad to in	LPO I (examination regu	lations for teaching	legree programmes	
Referre					
Modul		are in			
	e appea				
maste	i s uegr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title Abbreviation					
Resear	ch Gro	up Seminar Infection und		07-MLSRGII2-122-m01	
Module	e coord	inator		Module offered by	<u> </u>
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)	
5	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
Present	tation a	and discussion of cutting	edge literature.		
Intende	ed lear	ning outcomes			
		utting edge literature in tl plications.	ne field of neuroscien	ice, ability to critical	ly read, present and discuss the
Course	s (type	, number of weekly conta	ict hours, language –	- if other than Germa	ın)
S (no ir	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	e)
		sessment (type, scope, la ion on whether module c			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat					
Additio	nal inf	ormation	-		
Worklo	ad		-		
Teachi	ng cvcl	e			
	- /				
Referre	d to in	LPOI (examination regu	lations for teaching-o	degree programmes)	
Module	e appea	ars in			
		ee (1 major) FOKUS Life S	ciences (2012)		

	ch Grou		Module title Abbreviation					
	Research Group Seminar Neurosciences 1 07-MLSRG-NS1-122-m01							
Module	coord	inator		Module offered by	Į			
Dean of	fStudie	es Biologie (Biology)		Faculty of Biology				
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)				
5	(not) s	successfully completed						
Duratio	n	Module level	Other prerequisites					
1 semes	ster	graduate						
Conten	ts							
		ess in the research group e of experiences, trouble		scussion of the resu	lts of all research group mem-			
Intende	ed learr	ning outcomes						
		e developed problem solved by a skills and are able to p		on skills, scientific c	liscussion skills as well as			
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	in)			
S (no in	Iformat	ion on SWS (weekly cont	act hours) and cours	e language available	e)			
		e ssment (type, scope, la on on whether module ca			tion offered — if not every seme-			
		usually 20 to 45 minutes ssessment: English)					
Allocati	ion of p	olaces						
Additio	nal info	ormation						
Worklo	ad							
Teachir	ng cvcl	9						
	5 . ,							
Referre	d to in	LPOI (examination regu	lations for teaching-	legree programmes)				
Module	annea	rs in						
		ee (1 major) FOKUS Life S	ciences (2012)					

Module title Abbreviation						
Research Group Seminar Neurosciences 2					07-MLSRG-NS2-122-m01	
Modul	e coord	inator		Module offered by		
Dean o	of Studi	es Biologie (Biology)		Faculty of Biology		
ECTS	Metho	od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ester	graduate				
Conter	nts					
Presen	tation a	and discussion of cutting	edge literature.			
Intend	ed lear	ning outcomes				
		utting edge literature in tl plications.	ne field of neuroscien	ice, ability to critical	ly read, present and discuss the	
Course	s (type	, number of weekly conta	ict hours, language –	- if other than Germa	ın)	
S (no i	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	e)	
		sessment (type, scope, la ion on whether module c			tion offered — if not every seme-	
		(usually 20 to 45 minutes ssessment: English)			
	tion of p					
Additio	onal inf	ormation				
Worklo	ad					
Teachi	ng cycl	e				
Referre	ed to in	LPOI (examination regu	lations for teaching-o	degree programmes)		
Modul	e appea	ars in				
		ee (1 major) FOKUS Life S	ciences (2012)			

Module title Abbreviation					Abbreviation
Retreat	t Integr	ative Biology 1			07-MLSRIB1-122-m01
Module	e coord	inator		Module offered by	
Dean o	of Studie	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. con		
5	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	lts				
and the	eir disc		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intend	ed learı	ning outcomes			
		skills, (oral) presentation e field, troubleshooting s			taking into consideration current rts.
Course	s (type	, number of weekly conta	ict hours, language –	- if other than Germa	n)
S (no ir	nformat	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat	ion of p	olaces			
Additio	onal inf	ormation			
Worklo	ad				
Teachi	ng cycl	e			
	_ •				
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	e appea	irs in			
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title Abbreviation					Abbreviation	
Retreat Integrative Biology 2					07-MLSRIB2-122-m01	
Module	e coord	inator		Module offered by		
Dean o	f Studie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. con	npl. of module(s)		
5	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
and the	eir disc		mmunity. Discussion		lk. Critical evaluation of results nterim progress reports with su-	
Intend	ed learı	ning outcomes				
		skills, (oral) presentation e field, troubleshooting s			taking into consideration current rts.	
Course	s (type	, number of weekly conta	ict hours, language –	- if other than Germa	n)	
S (no ir	nformat	tion on SWS (weekly cont	act hours) and cours	e language available	2)	
		essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
		usually 20 to 45 minutes ssessment: English)			
Allocat	ion of p	olaces				
Additio	onal inf	ormation				
Worklo	ad					
Teachi	ng cycl	e				
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	e appea	urs in				
		ee (1 major) FOKUS Life S	ciences (2012)			

Module title Abbreviation					
Retreat Infection and Immunity 1					07-MLSRII1-122-m01
Module	e coord	inator		Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	-	od of grading	Only after succ. con	· · · · ·	
5	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
and the	eir disc		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intend	ed lear	ning outcomes			
		skills, (oral) presentation e field, troubleshooting s			taking into consideration current rts.
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	ın)
S (no ir	nformat	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat	ion of p	olaces			
Additio	onal inf	ormation			
Worklo	ad				
Teachi	ng cycl	e			
Referre	ed to in	LPO I (examination regu	lations for teaching-o	legree programmes)	
		· · · · · ·		<u> </u>	
Module	e appea	irs in			
Mactor	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module	e title				Abbreviation
Retreat Infection and Immunity 2 07-MLSRII2				07-MLSRII2-122-m01	
Module	Module coordinator			Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	1	od of grading	Only after succ. con	· · · · ·	
5	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
and the	eir disc		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intend	ed lear	ning outcomes			
		skills, (oral) presentation e field, troubleshooting s			taking into consideration current rts.
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	ın)
S (no ir	nformat	ion on SWS (weekly cont	act hours) and cours	e language available	2)
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat	ion of p	olaces			
Additio	onal inf	ormation			
Worklo	ad				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	e appea	irs in			
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title					Abbreviation
Retreat Neurosciences 1					07-MLSRNS1-122-m01
Module coordinator				Module offered by	
		es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. con		
5	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
and the	eir disc		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intend	ed lear	ning outcomes			
		skills, (oral) presentation e field, troubleshooting			taking into consideration current rts.
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	n)
S (no i	nformat	ion on SWS (weekly cont	tact hours) and cours	e language available	2)
		essment (type, scope, la on on whether module c			tion offered — if not every seme-
		usually 20 to 45 minutes ssessment: English)		
Allocat	tion of p	olaces			
Additio	onal inf	ormation			
Worklo	bad				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
	Module appears in				
Modul	e appea	ars in			

Module title Abbreviation				Abbreviation
Retreat Neur	osciences 2			07-MLSRNS2-122-m01
Module coordinator			Module offered by	
	ies Biologie (Biology)		Faculty of Biology	
i	od of grading	Only after succ. con	· · · · ·	
5 (not)	successfully completed			
Duration	Module level	Other prerequisites		
1 semester	graduate			
Contents				
and their dis		mmunity. Discussior		lk. Critical evaluation of results nterim progress reports with su-
Intended lea	rning outcomes			
	n skills, (oral) presentation he field, troubleshooting s			taking into consideration current rts.
Courses (typ	e, number of weekly conta	ict hours, language –	- if other than Germa	in)
S (no informa	ation on SWS (weekly cont	act hours) and cours	e language available	2)
	sessment (type, scope, la tion on whether module c			tion offered — if not every seme-
	(usually 20 to 45 minutes assessment: English)		
Allocation of	places			
Additional in	formation			
Workload				
Teaching cycle				
Referred to in LPO I (examination regulations for teaching-degree programmes)				
Module appe	ars in			
Master's deg	ree (1 major) FOKUS Life S	ciences (2012)		

Module title				Abbreviation	
Responsible Conduct of Research 1					07-MLSRR1-122-m01
Module coordinator				Module offered by	
Dean of S	Studies B	iologie (Biology)		Faculty of Biology	
	Method of		Only after succ. com	pl. of module(s)	
2 ((not) succ	essfully completed			
Duration		dule level	Other prerequisites		
1 semest	ter gra	duate			
Contents	5				
tions to t		information on nation			ance with international regula- g rules of conduct of research,
Intended	llearning	outcomes			
They have labs. Stu- good scie understa	ve develop Idents kno entific col	ped an awareness of o ow national and inter nduct and ethical que al elements of respons	critical elements in q national authorities t estions involving, in p	uality management a hat are responsible particular, genetically	equired of a biosafety officer. and quality control in research for the regulation and control of y modified organisms. Students well as the consequences of a
Courses	(type, nui	mber of weekly conta	ct hours, language —	if other than Germa	n)
S (no info	ormation	on SWS (weekly cont	act hours) and course	e language available	2)
		ment (type, scope, la on whether module ca			tion offered — if not every seme-
10 to 30 j groups of	pages) or of up to 3 o	r c) oral examination of	of one candidate each	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocatio	on of place	es			
Addition	al information	ation			
Workload					
Teaching cycle					
Referred	to in LPO) I (examination regu	lations for teaching-d	legree programmes)	
Module a	appears ii	n			
Master's	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module title				Abbreviation		
Responsible Conduct of Research 2				07-MLSRR2-122-m01		
Module	Module coordinator			Module offered by		
Dean of	fStudie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
4	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
a.) scie	ntific p		plagiarism and relate	ed violations - b.) eva	es of good scientific practice to aluation, presentation, and inter-	
Intende	ed learn	ning outcomes				
They ha labs. St good so underst	ave dev cudents cientific tand cr	eloped an awareness of know national and inter conduct and ethical que	critical elements in q national authorities t estions involving, in p	uality management a hat are responsible particular, genetically	equired of a biosafety officer. and quality control in research for the regulation and control of y modified organisms. Students well as the consequences of a	
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
S (no in	Iformat	ion on SWS (weekly cont	act hours) and cours	e language available	2)	
		e ssment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination (of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal info	ormation				
Workload						
Teaching cycle						
	-					
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	appea	irs in				
Master	s degre	ee (1 major) FOKUS Life S	ciences (2012)			

Module title				Abbreviation		
Responsible Conduct of Research 3					07-MLSRR3-122-m01	
Module coordinator				Module offered by		
Dean of	f Studie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
6	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
a.) scie	ntific p		plagiarism and relate	d violations - b.) eva	es of good scientific practice to aluation, presentation, and inter-	
Intende	ed learr	ning outcomes				
They ha labs. St good so underst	ave dev tudents cientific tand cr	eloped an awareness of know national and inter conduct and ethical que	critical elements in q national authorities t estions involving, in p	uality management a hat are responsible particular, genetically	quired of a biosafety officer. and quality control in research for the regulation and control of y modified organisms. Students vell as the consequences of a	
Course	s (type,	, number of weekly conta	ct hours, language —	if other than Germa	n)	
S (no in	nformat	ion on SWS (weekly cont	act hours) and course	e language available)	
		e ssment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination (of one candidate eacl	n (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal info	ormation				
Workload						
Teaching cycle						
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)		
Module	e appea	irs in				
Master	's degre	ee (1 major) FOKUS Life S	ciences (2012)			

Module title				Abbreviation		
Masterthesis and Oral Examination in Life Sciences					07-MLST-122-m01	
Module coordinator				Module offered by		
degree	progra	mme coordinator Biologi	e (Biology)	Faculty of Biology		
ECTS	r <u> </u>	od of grading	Only after succ. con	· · · ·		
30		rical grade				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	graduate				
Conter	nts					
		of a current scientific topi esis as well as oral exam		hods and technique	s. Documentation of the results	
Intend	ed lear	ning outcomes				
sent ar summa discus arch in	nd inter arise th s and d the co	pret raw data according t eir data in a written thesi lefend their experiment p	o international stand s, adhering to scienti lan, results and inter	ards of good scienti fic rules and standa pretations thereof ar	ct. They are able to collect, pre- fic conduct. They are able to rds. Students are able to critically nd are able to put their own rese- oad expertise both in their field	
Course	s (type	, number of weekly conta	ct hours, language –	- if other than Germa	in)	
 Methorster, in This mathematical threshold of the set of th	Language of assessment: English					
		thesis (50-100 pages)				
Allocation of places						
Additional information						
Additio	Additional information • o7-MLST-2-122: • o7-MLST-1-122: Additional information on module duration: 6 months.					
Workload						
Teachi	ng cycl	e				
Referre	ed to in	LPO I (examination regu	lations for teaching-o	degree programmes)		

Master's with 1 major FOKUS Life Sciences (2012)

Module appears in

Master's degree (1 major) FOKUS Life Sciences (2012)

Module title					Abbreviation
Special Training Program GSLS 1					07-MLSTP1-122-m01
Modul	e coord	inator		Module offered by	<u> </u>
Dean c	of Studi	es Biologie (Biology)		Faculty of Biology	
ECTS	Meth	od of grading	Only after succ. con	npl. of module(s)	
5	(not)	successfully completed			
Durati	on	Module level	Other prerequisites	i	
1 seme	ester	graduate			
Conter	nts				
Transfe	erable s	kills tutorial: scientific w	riting and (oral) pres	entation skills.	
Intend	led lear	ning outcomes			
The stu	udents	possess scientific writing	and (oral) presentat	ion skills.	
Course	es (type	, number of weekly conta	ict hours, language –	- if other than Germa	an)
Courses (type, number of weekly contact hours, language — if other than German) T (no information on SWS (weekly contact hours) and course language available)					
Metho	d of as	sessment (type, scope, la	inguage — if other th	an German, examina	ation offered — if not every seme-
Metho ster, in a) writt 10 to 3 groups	od of ass nformat ten exa 30 page 5 of up t	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 s) or c) oral examination	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	
Metho ster, in a) writh 10 to 3 groups Langua	od of ass nformat ten exa 30 page 5 of up t	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a issessment: English	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua	od of ass nformat ten exa 30 page 5 of up t age of a	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a issessment: English	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua Allocat	od of ass nformati ten exa go page s of up t age of a tion of p	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a issessment: English	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua Allocat	od of ass nformati ten exa go page s of up t age of a tion of p	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua Allocat	od of ass nformati ten exa go page s of up t age of a tion of onal inf	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua Allocat Additio	od of ass nformati ten exa go page s of up t age of a tion of onal inf	sessment (type, scope, la ion on whether module c mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua Allocat Additio Worklo	od of ass nformati ten exa go page s of up t age of a tion of onal inf	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a issessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writh 10 to 3 groups Langua Allocat Additio Worklo	od of ass nformati ten exa go pages s of up t age of a tion of j onal inf	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a issessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac	an German, examina a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in
Metho ster, in a) writi 10 to 3 groups Langua Allocat Additio Worklo Teachi 	od of ass nformati ten exa go page s of up t age of a tion of j onal inf oad	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a issessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	an German, examina a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in fon (usually 20 to 45 minutes)
Metho ster, in a) writi 10 to 3 groups Langua Allocat Additio Worklo Teachi 	od of ass nformati ten exa go page s of up t age of a tion of j onal inf oad	sessment (type, scope, la ion on whether module co mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English places	inguage — if other th an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	an German, examina a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in fon (usually 20 to 45 minutes)
Metho ster, in a) writh 10 to 3 groups Langua Allocat Additio Worklo Teachi Referro 	od of ass nformati ten exa go page s of up t age of a tion of j onal inf oad	sessment (type, scope, la ion on whether module comination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places ormation e LPO I (examination regu	inguage — if other th an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	an German, examina a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in fon (usually 20 to 45 minutes)

Module title					Abbreviation
Special Training Program GSLS 2					07-MLSTP2-122-m01
Modul	e coord	inator		Module offered by	
Dean o	of Studio	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
5	(not) s	successfully completed			
Duratio	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	its				
Transfe	erable s	kills tutorial: patent law.			
Intend	ed lear	ning outcomes	,		
Studer	nts have	e developed an understar	nding of the fundame	ntal principles of pa	tent law.
Course	e s (type	, number of weekly conta	ct hours, language —	· if other than Germa	n)
T (no ir	nformat	ion on SWS (weekly cont	act hours) and course	e language available)
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-
10 to 3 groups	o pages of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	tion of p	olaces			
Additio	onal inf	ormation			
Worklo	ad				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Modul	Module appears in				
Master	's degr	ee (1 major) FOKUS Life S	ciences (2012)		

Module title			Abbreviation		
Special Training Program GSLS 3				07-MLSTP3-122-m01	
Module	e coord	inator		Module offered by	
Dean o	f Studi	es Biologie (Biology)		Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
5	(not) s	successfully completed			
Duratio		Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
Transfe on.	erable s	kills tutorial: business et	iquette, team buildin	g and negotiation sl	kills or intercultural communicati-
Intende	ed lear	ning outcomes			
Studen commu			ea of business etique	tte, team building a	nd negotiation or intercultural
Course	s (type	, number of weekly conta	ct hours, language —	· if other than Germa	n)
T (no in	format	ion on SWS (weekly cont	act hours) and course	e language available)
		sessment (type, scope, la ion on whether module ca			tion offered — if not every seme-
10 to 30 groups	o page: of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	ion of p	olaces			
Additio	nal inf	ormation	· · · · · · · · · · · · · · · · · · ·		
Worklo	Workload				
Teaching cycle					
Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	e appea	ars in			
	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module	e title				Abbreviation
Tutorial 1					07-MLSTU1-122-m01
Module coordinator				Module offered by	
degree	progra	mme coordinator Master	Life Sciences	Faculty of Biology	
ECTS		od of grading	Only after succ. com	pl. of module(s)	
3	(not) s	successfully completed			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	graduate			
Conten	ts				
in the d ses.	legree	programmes and are invo			They support teaching activities lectures, seminars and lab cour-
		ning outcomes	.		
		able to communicate con plan (important elements			nts or groups. They know how to ne students they mentor.
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)
T (no in	format	ion on SWS (weekly cont	act hours) and course	e language available))
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	ad				
Teaching cycle					
Referre	d to in	LPO I (examination regu	lations for teaching-o	legree programmes)	
Module	appea	ars in			
Master'	Master's degree (1 major) FOKUS Life Sciences (2012)				

Module title Abbreviation				Abbreviation		
Tutorial 2					07-MLSTU2-122-m01	
Module	e coord	inator		Module offered by		
degree	progra	mme coordinator Master	Life Sciences	Faculty of Biology		
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)		
5	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
					. They support teaching activities lectures, seminars and lab cour-	
Intende	ed lear	ning outcomes				
					nts or groups. They know how to he students they mentor.	
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
T (no in	format	ion on SWS (weekly cont	act hours) and course	e language available)	
		sessment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination (of one candidate eacl	h (usually 30 to 60 n	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additional information						
Worklo	ad					
Teaching cycle						
	וכמנווווא נענוב					
Poforro	d to in	LPOI (examination regu	lations for toaching a	logroo programmac)		
Referre	u to m			iegiee programmes)		
Module			• ()			
Master'	s degr	ee (1 major) FOKUS Life S	ciences (2012)			

	e title				Abbreviation
Workshop Infection and Immunity 1					07-MLSWII1-122-m01
Modul	e coord	inator		Module offered by	<u> </u>
degree	progra	mme coordinator Master	· Life Sciences	Faculty of Biology	
ECTS		od of grading	Only after succ. con		
5	(not)	successfully completed			
Duratio	on	Module level	Other prerequisites	i	
1 seme	ester	graduate			
Conter	nts				
Discus	sion of	current methods and tec	hniques required in l	lab projects.	
Intend	ed lear	ning outcomes			
Studer	nts will	have acquired proficienc	y in those methods a	nd techniques that a	are required in their lab projects.
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	an)
W (no i	informa	ition on SWS (weekly con	tact hours) and cours	se language availab	le)
		ion on whether module c			ation offered — if not every seme-
ster, in a) writt 10 to 3 groups	formation ten exa o pages of up t	ion on whether module c mination (usually 30 to 6 s) or c) oral examination	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx.
ster, in a) writh 10 to 3 groups Langua	formation ten exa o pages of up t	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writh 10 to 3 groups Langua	formation ten exa o page o f up t age of a	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination in ion (usually 20 to 45 minutes)
ster, in a) writt 10 to 3 groups Langua Allocat	formation ten exa o pages of up t age of a tion of p	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writt 10 to 3 groups Langua Allocat	formation ten exa o pages of up t age of a tion of p	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English places	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writt 10 to 3 groups Langua Allocat Additio Worklo	formation ten exa o pages of up t age of a tion of p	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English places ormation	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writt 10 to 3 groups Langua Allocat Additio Worklo Teachi 	iformati ten exa o pages of up t age of a tion of p onal inf	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English places ormation	an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	estions) or b) log (usually approx. ninutes) or d) oral examination ir ion (usually 20 to 45 minutes)
ster, in a) writt 10 to 3 groups Langua Allocat Additio Worklo Teachi Referro 	iformati ten exa o pages of up t age of a tion of p onal inf	ion on whether module comination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places ormation e LPOI (examination regu	an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	estions) or b) log (usually approx. ninutes) or d) oral examination in ion (usually 20 to 45 minutes)

Module title					Abbreviation
Workshop Infection and Immunity 2					07-MLSWII2-122-m01
Module coordinator				Module offered by	
degree	e progra	mme coordinator Master	· Life Sciences	Faculty of Biology	
ECTS		od of grading	Only after succ. con		
5	(not) s	successfully completed			
Durati	on	Module level	Other prerequisites		
1 seme	ester	graduate			
Conter	nts				
Discus	sion of	current methods and tec	hniques required in l	ab projects.	
Intend	ed lear	ning outcomes			
Studer	nts will	have acquired proficienc	y in those methods a	nd techniques that a	are required in their lab projects.
Course	es (type	, number of weekly conta	act hours, language –	- if other than Germa	an)
W (no	informa	tion on SWS (weekly con	tact hours) and cours	se language availab	le)
		sessment (type, scope, la ion on whether module c	anguage — if other th		ation offered — if not every seme
ster, in a) writt 10 to 3 groups	formation ten exa to pages to of up t	ion on whether module c mination (usually 30 to 6 s) or c) oral examination	anguage — if other th an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx.
ster, in a) writi 10 to 3 groups Langua	formation ten exa to pages to of up t	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English	anguage — if other th an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writh 10 to 3 groups Langua Allocat	nformati ten exa so pages s of up t age of a tion of j	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English places	anguage — if other th an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	ation offered — if not every seme- estions) or b) log (usually approx. ninutes) or d) oral examination ir ion (usually 20 to 45 minutes)
ster, in a) writh 10 to 3 groups Langua Allocat	nformati ten exa so pages s of up t age of a tion of j	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English	anguage — if other th an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writh 10 to 3 groups Langua Allocat	nformati ten exat o pages o of up t age of a tion of j	ion on whether module c mination (usually 30 to 6 s) or c) oral examination o 3 candidates (usually a ssessment: English places	anguage — if other th an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination ir
ster, in a) writt 10 to 3 groups Langua Allocat Additio Worklo	nformati ten exat o pages o of up t age of a tion of j	ion on whether module c mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places ormation	anguage — if other th an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	estions) or b) log (usually approx. ninutes) or d) oral examination in
ster, in a) writt 10 to 3 groups Langua Allocat Additio Worklo Teachi 	nformati ten exat o pages s of up t age of a tion of j onal inf	ion on whether module c mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places ormation	anguage — if other th an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	estions) or b) log (usually approx. ninutes) or d) oral examination in ion (usually 20 to 45 minutes)
ster, in a) writt 10 to 3 groups Langua Allocat Additio Worklo Teachi Referro	nformati ten exat o pages s of up t age of a tion of j onal inf	ion on whether module c mination (usually 30 to 6 s) or c) oral examination to 3 candidates (usually a ssessment: English places ormation e LPOI (examination regu	anguage — if other th an be chosen to earn o minutes, including of one candidate eac approx. 30 to 60 minu	a bonus) multiple choice que h (usually 30 to 60 r utes) or e) presentat	estions) or b) log (usually approx. ninutes) or d) oral examination in ion (usually 20 to 45 minutes)

Module title				Abbreviation			
Workshop Biomedicine 1					07-MLSWS-BM1-122-m01		
Module	coord	inator		Module offered by			
Dean o	f Studie	es Biologie (Biology)		Faculty of Biology			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
5	(not) s	successfully completed					
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
Discuss	sion of	current methods and tec	hniques required in la	ab projects.			
Intende	ed learı	ning outcomes					
Studen jects.	ts have	e acquired proficiency in t	hose methods and te	echniques that are re	equired in their lab or field pro-		
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)		
W (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language availabl	e)		
		e ssment (type, scope, la on on whether module ca			tion offered — if not every seme-		
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Workload							
Teaching cycle							
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						
			0				
Module	e appea	irs in					
Master	s degr	ee (1 major) FOKUS Life S	ciences (2012)				

Module title				Abbreviation			
Workshop Biomedicine 2					07-MLSWS-BM2-122-m01		
Module	coord	inator		Module offered by			
Dean of	f Studie	es Biologie (Biology)		Faculty of Biology			
ECTS		od of grading	Only after succ. com	pl. of module(s)			
5	(not) s	successfully completed					
Duratio	n	Module level	Other prerequisites				
1 seme	ster	graduate					
Conten	ts						
Discuss	sion of	current methods and tec	hniques required in la	ab projects.			
Intende	ed learı	ning outcomes					
Studen jects.	ts have	e acquired proficiency in t	hose methods and te	echniques that are re	equired in their lab or field pro-		
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)		
W (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language availabl	e)		
		e ssment (type, scope, la on on whether module ca			tion offered — if not every seme-		
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)		
Allocat	ion of p	olaces					
Additio	nal inf	ormation					
Workload							
Teaching cycle							
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module	appea	in in					
Master	s degr	ee (1 major) FOKUS Life S	ciences (2012)				

Module title				Abbreviation		
Workshop Integrative Biology 1					07-MLSWS-IB1-122-m01	
Module	e coord	inator		Module offered by		
Dean o	f Studie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
5	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Discuss	sion of	current methods and tec	hniques required in la	ab projects or in the	field during field trips.	
Intende	ed learı	ning outcomes				
Studen jects.	ts have	e acquired proficiency in t	hose methods and te	echniques that are re	equired in their lab or field pro-	
Course	s (type	, number of weekly conta	ct hours, language —	if other than Germa	n)	
W (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language available	e)	
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Workload						
Teaching cycle						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
		(
Module	e appea	irs in				
Master	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title					Abbreviation	
Workshop Integrative Biology 2					07-MLSWS-IB2-122-m01	
Module	e coord	inator		Module offered by		
		es Biologie (Biology)		Faculty of Biology		
ECTS	ï i	od of grading	Only after succ. con	, _,		
5	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Discus	sion of	current methods and tec	hniques required in l	ab projects or in the	field during field trips.	
Intend	ed lear	ning outcomes				
Studen jects.	nts have	e acquired proficiency in t	those methods and to	echniques that are re	equired in their lab or field pro-	
Course	s (type	, number of weekly conta	ict hours, language –	· if other than Germa	n)	
W (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language availabl	e)	
		sessment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 3 groups	o page: of up t	s) or c) oral examination (of one candidate eac	h (usually 30 to 60 n	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	onal inf	ormation				
Worklo	ad					
Teaching cycle						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module	e appea	urs in				
Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title					Abbreviation	
Workshop Neurosciences 1					07-MLSWS-NS1-122-m01	
Module	e coord	inator		Module offered by		
Dean o	f Studie	es Biologie (Biology)		Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
5	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	graduate				
Conten	ts					
Discuss thods.	sion of	current methods and tec	hniques required in la	ab projects. Insights	into and training in novel me-	
Intende	ed learr	ning outcomes				
Studen	ts acqu	lire proficiency in those n	nethods and techniq	ues that are required	l in their lab projects.	
Course	s (type,	, number of weekly conta	ct hours, language —	· if other than Germa	n)	
W (no i	nforma	tion on SWS (weekly con	tact hours) and cours	e language available	e)	
		e ssment (type, scope, la on on whether module ca			tion offered — if not every seme-	
10 to 30 groups	o pages of up t	s) or c) oral examination of	of one candidate eacl	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
Allocat	ion of p	olaces				
Additio	onal info	ormation				
Worklo	Workload					
Teaching cycle						
Referre	d to in	LPOI (examination regu	lations for teaching-c	legree programmes)		
Module	e appea	irs in				
Master	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title				Abbreviation		
Workshop N	eurosciences 2			07-MLSWS-NS2-122-m01		
Module coo	rdinator		Module offered by			
Dean of Stu	lies Biologie (Biology)	,	Faculty of Biology			
	hod of grading	Only after succ. con	pl. of module(s)			
5 (not) successfully completed					
Duration	Module level	Other prerequisites				
1 semester	graduate					
Contents						
Discussion thods.	of current methods and tec	hniques required in l	ab projects. Insights	into and training in novel me-		
Intended lea	rning outcomes					
Students ac	quire proficiency in those r	nethods and techniq	ues that are required	l in their lab projects.		
Courses (typ	e, number of weekly conta	act hours, language –	- if other than Germa	n)		
W (no inforr	nation on SWS (weekly con	tact hours) and cours	se language availabl	e)		
	ssessment (type, scope, la ation on whether module c			tion offered — if not every seme-		
10 to 30 pag groups of u	es) or c) oral examination	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)		
Allocation o	fplaces					
Additional i	nformation					
Workload						
Teaching cycle						
-						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module app	ears in					
	gree (1 major) FOKUS Life S	sciences (2012)				

Module title		Abbreviation								
Experimental S	Sociobiology		07-MS1ES-111-m01							
Module coordi	nator		Module offered by							
holder of the C logy	hair of Behavioral Physic	ology and Sociobio-	Faculty of Biology							
	d of grading	Only after succ. con	pl. of module(s)							
10 numer	ical grade									
i i î	Module level	Other prerequisites								
1 semester	graduate									
Contents										
and mechanis current resear	ms of neurobiology that a	are the basis of the o e help of selected pu	rganisation of social	l as the behavioural physiology groups. A special focus is on nar will discuss and explore in						
Intended learn	ing outcomes									
ral biology. Stu	udents are able to recogr o formulate scientific qu	ise and interpret rela	ationships between v	blex correlations in behaviou- various aspects of sociobiology. d are able to discuss cutting edge						
Courses (type,	number of weekly conta	ct hours, language –	· if other than Germa	n)						
V + S (no infor	mation on SWS (weekly o	contact hours) and co	ourse language availa	able)						
	essment (type, scope, la on on whether module ca			tion offered — if not every seme-						
10 to 30 pages groups of up to) or c) oral examination of	of one candidate eac	h (usually 30 to 60 m	stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)						
Allocation of p	laces									
Additional info	ormation									
Workload										
Teaching cycle	9									
Referred to in	LPO I (examination regu	lations for teaching-o	legree programmes)							
Module appea	rs in									
Master's degre	ee (1 major) Biology (2011	l)								
-	ee (1 major) Biology (2014									
Master's degre	ee (1 major) FOKUS Life S	ciences (2012)		Master's degree (1 major) FOKUS Life Sciences (2012)						

Module title				Abbreviation		
Neurogenetics of Behavior					07-MS1NB-112-m01	
Module	coord	inator		Module offered by		
holder	of the (Chair of Neurobiology and	l Genetics	Faculty of Biology		
ECTS		od of grading	Only after succ. com	pl. of module(s)		
10	nume	rical grade				
Duratio		Module level	Other prerequisites			
1 semes	ster	graduate				
Conten	ts					
be over how the ant topi ting, mi	whelm e brain ics of b rror ne	ingly complex and plastic controls behaviour. The l ehavioural neurobiology	c, yet neurogenetic m ecture and seminar v (incl. e. g. sleep, con nisms of auditory-guin	ethods are powerful vill give a state-of-th trol of appetite and ded behaviour, neur	Both brain and behaviour can tools to dissect the principles of e art view on current and import- feeding, social behaviour, ma- ogenetic techniques) focusing on atode C. elegans.	
Intende	ed learı	ning outcomes				
genetic sing res	s in ge Search	neral and the neurogenet findings in English.	ics of behaviour. In t	he seminar, student	rent topics in the field of neuro- s practise presenting and discus-	
· · · · · ·		, number of weekly conta				
		mation on SWS (weekly o				
		s essment (type, scope, la on on whether module ca			tion offered — if not every seme-	
					or b) oral examination of one can- dates (approx. 30 to 60 minutes)	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teachir	ng cycl	e				
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					
Module	appea	ars in				
Master'	s degr	ee (1 major) Biology (2011	.)			
	-	ee (1 major) Biology (2014	-			
Master'	Master's degree (1 major) FOKUS Life Sciences (2012)					

Module title					Abbreviation	
Developmental Neurobiology and Chronobiology					07-MS1NEC-112-m01	
Module coordinator				Module offered by		
holder	of the (Chair of Neurobiolog	y and Genetics	Faculty of Biology		
ECTS	Metho	od of grading	Only after succ. o	compl. of module(s)		
10	nume	rical grade				
Duratio	n	Module level	Other prerequisit	tes		
1 seme	ster	graduate				
Conten	ts					
ganism brain of on a mo dayligh of neur formati	s, fung f mamr olecula t. Rela onal de on, reg	i, plants, and anima nals and insects. Stu r, cellular, and organ ted aspects of jetlag evelopment on the m	ls with a focus on the r udents learn about the nismic level, as well as and shift-work are disc nolecular level. Main fo	neuronal organisation biological purpose of their adaptation to 24 cussed. Lecture <i>Neuro</i> cus is the establishme	ogenous clocks in unicellular or- of the endogenous clock in the endogenous clocks, their function hour days with varying hours of <i>nal Development</i> : Fundamentals ent of the neuroectoderm, pattern itiation of neurons, axonal naviga-	
Intende	ed lear	ning outcomes				
ment a ments a are criti	nd gair and to ically d	an insight into curr research specific qu iscussed in the sem	ent research. Students estions that arise in the inar.	also learn to indepen eir reading. Results of	s clocks and neuronal develop- dently work on reading assign- the students' independent study	
Course	s (type	, number of weekly o	contact hours, language	e — if other than Germ	an)	
V + S (n	infor	mation on SWS (we	ekly contact hours) and	l course language avai	ilable)	
			oe, language — if other ule can be chosen to ea		ation offered — if not every seme-	
one of t questio	the foll ons) or	owing options will b	e chosen: a) written ex of one candidate each	amination (30 to 60 m	ent prior to the course. Usually, inutes, including multiple choice c) oral examination in groups of	
Allocat	ion of j	olaces				
Additio	nal inf	ormation				
Worklo	ad					
Teachir		9				
	ig tytl	c				
Referre	d to in	LPOI (examination	regulations for teachin	g-degree programmes	;)	
Module	appea	urs in				
Master	's degr	ee (1 major) Biology	(2011)			
	Master's degree (1 major) Biology (2011) Master's degree (1 major) Biology (2014)					
master	Master's degree (1 major) FOKUS Life Sciences (2012)					

Diacha	e title			Abbreviation		
Biochemistry, Physiology and Genetics of Mammalian Cell Culture 07-MSCC-111-m01						
Module coordinator				Module offered by		
degree programme coordinator Biologie (Biolo			e (Biology)	Faculty of Biology		
ECTS	Meth	od of grading	Only after succ. con	compl. of module(s)		
5	(not)	successfully completed				
Duration Module level		Module level	Other prerequisites			
1 semester graduate		graduate				
Conten	ts					
	enerati				d cell structures, cell prolifera- ts, fundamental cell analytical	
Intende	ed lear	ning outcomes				
		able to understand the bi ese techniques.	ochemistry, physiolo	ogy and genetics of n	nammalian cell culture, and are	
Course	Courses (type, number of weekly contact hours, language — if other than German)					
S (no information on SWS (weekly contact hours) and course language available)						
ster, in a) writt 10 to 30	format en exa o page	ion on whether module c mination (usually 30 to 6 s) or c) oral examination	an be chosen to earn o minutes, including of one candidate eac	a bonus) multiple choice que h (usually 30 to 60 r	tion offered — if not every seme- stions) or b) log (usually approx. ninutes) or d) oral examination in on (usually 20 to 45 minutes)	
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