## 1. Program overview

Sem.	1							
1	M1: Essentials of Sports Neurology 8 ECTS	M2: Essentials of Exercise Neuroscience 8 ECTS	M3: Methods I – Research	M4: Methods II – Statistical	M5: Methods III – Measurement Skills 5 ECTS			
2	M6: Applied Sports Neurology 5 ECTS	M7: Applied Exercise Neuroscience 5 ECTS	Skills 5 ECTS	5 ECTS	1 out of 2 Study Projects M8: Study Project			
3	M10: Internship 6 ECTS	<b>2 out of 3 Modu</b> M11: Fundament Neurosciences M12: General St M13: Intercultura 5 ECTS each	<b>out of 3 Modules</b> 111: Fundamentals of Data Processing in Applied leurosciences 112: General Studies 113: Intercultural Communication ECTS each					
4	M14: Master The 30 ECTS	esis						

## 2. Modul descriptions

Ess	Essentials of Sports Neurology										
Esse	Essentials of Sports Neurology										
Мос	lule:		Workload	Credits:	Intende	d stage	Frequen	cy at	Duration of		
1			(h):	8	in co	urse of	which	the	the module:		
	240			studies	:	class	is	1 Semester			
					1 <sup>st</sup>		offered:				
							Annually				
1	Modu	ile Str	ucture:								
		Cour	ses		Teachin	Class	Study	Statu	Number of		
					g	time	time (h)	S	participant		
					methods	(h)		(O/F)	s		
	a)	Path	ophysiology	and	L	30	90	0	Up to 120		
		Neur	oanatomy								
	b)	Neur	ological	and	S	30	90	0	20		
		Neur	odegenerative	Diseases							
		and I	njuries								
2	Alter	native	s within the Mo	dule:							
3	Prere	misit	<b>6</b> 5'								
Ŭ	None	quisit									
4	Conte	ents:									
-	M1 fo	cuses	on the impartme	ent of neuro	logical kno	<i>w</i> ledge a	s a basis fo	r further	application and		
	resea	rch-ori	iented contents	of the prog	ram. First,	a basic u	Inderstandii	ng of ne	uro-anatomical,		
	physic	ologica	al and pathophy	ysiological	mechanisn	ns of the	e nervous	system	is established.		
	Speci	fic kno	wledge with reg	ards to sy	mptoms and	d syndroi	nes of dise	ases and	d injuries within		
	the n	ervou	s system (i.e.,	different t	types of d	ementia	and epilep	osy, mul	tiple sclerosis,		
	concu	ussion)	as well as syst	emic disea	ses with th	e nervou	s system in	volved (	i.e., connective		
	tissue	e disea	se, angiopathy)	completes	the acquisit	on of neu	irological kr	nowledge	e. Students gain		
	first e	xperie	nces in presentii	ng and disc	cussing scie	ntific stu	dies.				
5	Learr	ning o	utcomes / Com	petences:							
	■ Kr	nowled	lge about mecha	anisms of p	athogenesi	s and ma	intaining he	ealth			
		eenen	ed knowledge at	oout specifi	atriophysioi c diseases	ogy of th and inituri	e nervous s es of the ne	ervous sv	stem and ways		
	to	handl	e them	our op com		and ngan					
	■ De	evelop	ment of scientifi	c commun	ication com	petence	through pre	esenting	and discussing		
6	SC		c results								
U		ne ev	amination contai	nina conte	nts of cours	es a) and	1 h)				
				ning conte			10)				
	Belo	ong	Туре				Duration	En En	nphasis for		
	s to							Mo	dule grade		
			Written exam				60-120 m	nin. 10	0%		
	Inform	nation	about the conc	rete terms	and condit	ions of t	he examina	ition is p	provided by the		

lecturer wi	thin the first 3 weeks of the lecture period.		
Course A	chievement (CA) / Qualified Participation (QP)		
Belong s to	Туре	Duration	CA. / QP
a)			
b)	Presentation or Short colloquium	ca. 10 min.	QP
Information is provided	n about the concrete requirements for Course Ach I by the lecturer within the first 3 weeks of the lect	ievement or Qu ture period.	ualified Participation
None	ites for participating in examinations:		
Prereauis	ites for assigning Credits:		
The assig	nment of credits is restricted until Qualified	Participation is	s verified and the
examinatio	on is passed.		
Emphasis	for final grade:		
8/120			
Utilization	for other study programs:		
	oorainator: Ir Poinsborger		
Teaching I	anguage English		
	lecturer with a store of the st	Iecturer within the first 3 weeks of the lecture period.         Course Achievement (CA) / Qualified Participation (QP):         Belong       Type         s to       a)         b)       Presentation or         Short colloquium         Information about the concrete requirements for Course Achies provided by the lecturer within the first 3 weeks of the lect         Prerequisites for participating in examinations:         None         Prerequisites for assigning Credits:         The assignment of credits is restricted until Qualified examination is passed.         Emphasis for final grade:         8/120         Utilization for other study programs:         None         Module Coordinator:         Prof. Dr. Dr. Reinsberger         Language:         Teaching language English	Iecturer within the first 3 weeks of the lecture period.         Course Achievement (CA) / Qualified Participation (QP):         Belong       Type         a)       Duration         b)       Presentation or         Short colloquium       ca. 10 min.         Information about the concrete requirements for Course Achievement or Quis provided by the lecturer within the first 3 weeks of the lecture period.         Prerequisites for participating in examinations:         None         Prerequisites for assigning Credits:         The assignment of credits is restricted until Qualified Participation i examination is passed.         Emphasis for final grade:         8/120         Utilization for other study programs:         None         Module Coordinator:         Prof. Dr. Dr. Reinsberger         Language:         Teaching language English

Ess	Essentials of Exercise Neuroscience										
Essentials of Exercise Neuroscience											
Mod	lule:		Workload	Credits:	Intende	d stage	Frequen	cy at	Duration	of	
2			(h):	8	in co	in course of which the the mo				-	
	240			studies	:	class	is	1 Semester			
				1 <sup>st</sup>		offered:					
							Annually				
1	Modu	ıle Str	ucture:								
	Courses				Teachin	Class	Study	Statu	Number	of	
					a	time	time (h)	s	participar	nt	
					methods	(h)		(O/F)	s		
	a)	Phys	siology Testir	ng and	1	30	90	0	Up to 120		
		Pres	cription of Exerc	ise							
	b)	Neu	rophysiological A	spects of	S	30	90	0	20		
		Trair	ning and Perform	ance							
2	Alter	native	s within the Mo	dule:	•				•		
	None										
3	Prere	quisit	tes:								
	None										
4	Conte	ents:									
	This r	nodule	e conveys fundar	mentals of	strength and	d conditio	oning in exe	rcise scie	ence, as wel	las	
	coord	inatio	n and sensorimo	otor control	of human	moveme	nt. In partic	cular it sl	heds light o	na	
	deepe	er kno	wledge in exerci	ise neuros	cience as a	basis fo	or further ap	plication	and resear	ch-	
	orient	ed co	ntents of the pro	ogram. Firs	st, a basic u	understar	nding of phy	ysiologic	al mechanis	sms	
	and a	dapta	tions, testing and	l prescriptio	on of exerci	ses withir	n the differe	nt motor	abilities as w	vell	
	as the	eir ass	essment and ger	neral trainir	ng principles	is establ	ished. Spec	cific conte	ent with rega	rds	
	to ex	ercise	-induced expos	ure of the	e nervous	system,	respective	ly (i.e.,	injury, fatig	ue,	
	exper	tise),	completes the a	cquisition (	of basic exe	ercise ne	uroscience	knowled	lge. Due to	the	
	applic	ation	of different teach	ning and le	earning arra	ngement	s, compreh	ensive s	oft skills will	be	
	enfor	ced, ir	corporating diffe	rent types	of presentir	ig or wor	king effectiv	ely in sn	nall groups.		
5	Learr	ning o	utcomes / Com	petences:							
	■ Ki	nowlee	dge about essen	tials, conce	epts and ap	plications	s of exercise	e science	<b>;</b>		
	• D(	eepen	ed knowledge at	pout specif	ic exposure	s to the r	nervous sys	tem due	to performa	nce	
		Dility to	o use different so	urces of in	formation, s	uch as te	extbook cha	pters, joi	urnal articles	; on	
	■ D(	evelor	ment of interpe	rsonal skill	s and com	municatio	on compete	nce thro		ייא ו נ	
	sr	nall gr	oups and preser	nting result	S				-9	,	
	_	-		-							
6	Exam	inatio	on:								
	[x] C	)ne ex	amination contai	ning conte	nts of cours	es a) and	d b)				
	Belo	ong	Туре				Duration	n Em	nphasis fo	or	
	s to							Мо	odule grade		
			Written exam				60-120 m	nin. 100	0%		
								·			

	Information about the concrete terms and conditions of the examination is provided by the										
	lecturer wit	hin the first 3 weeks of the lecture period.									
7	Course Ac	chievement (CA) / Qualified Participation (QP):									
	Belong	Туре	Duration	CA. / QP							
	s to										
	a)										
	b)	Presentation and/or	ca. 10 min.	QP							
		Written homework	ca. 5 pages	QP							
	Informatior	about the concrete requirements for Course Achi	ievement or Qu	alified Participation							
	is provided	by the lecturer within the first 3 weeks of the lect	ure period.								
8	Prerequis	ites for participating in examinations:									
	None										
9	Prerequis	ites for assigning Credits:									
	The assig	nment of credits is restricted until Qualified	Participation is	s verified and the							
	examinatio	n is passed.									
10	Emphasis	for final grade:									
	8/120										
11	Utilization for other study programs:										
	None										
12	Module Co	pordinator:									
	Prof. Dr. Jo	ochen Baumeister									
13	Language	:									
	Teaching la	anguage English									

Methods I – Research Skills											
Methods I – Research Skills											
Mod	lule:		Workload	Credits:		Intende	d stage	Frequen	Frequency at Duration		
3			(h):	5		in cou	irse of	which	the	the module:	
	150				studies	:	class	is	2 Semester		
						1 <sup>st</sup> and 2	2 <sup>nd</sup>	offered:			
								Annually			
1	Modu	le Str	ructure:								
		Соц	rses		Т	eachin	Class	Study	Statu	Number of	
					a	ouonin	time	time (h)	s	narticinant	
					9 m	ethods	(h)		(O/F)	s	
	a)	Deve	eloping a	Research	1		30	60	0	Up to 120	
	.,	Prob	blem		_				•		
	b)	Repo	orting and P	resenting	S		15	45	0	20	
		Rese	earch Results								
2	Altern	native	es within the Mo	dule:							
	None										
3	Prere	quisit	tes:								
	None										
4	Conte	ents:									
	M3 to	cuses	s on the understa	anding of r	es:	earch pro	cesses	in general a		development of	
	WORKIN	ng pro	identification		IN ala	neuroscie		ttings in det	all. Thes	se competences	
	Includ	e the	identification of	a researd	cn	problem,	the de		or a res	search question	
	togeth	ier wi	th corresponding	nypotnes	es.	Based o	on that tr	ne ability to	summa	rize the current	
	state (	of res	earch by purpos	etul searcr	าเทตุ	g, analyz	ing and a	assessing II	terature	(I.e., evidence-	
	based	meai	icine) represents	a key com	ipe			udies. In ac		amerent ways of	
	preser	nung ::::	research results	appropria	leiy	y, logelne	er with C	ritically dell	berating	, add to lurther	
	scient		allis which are pra		ı e	ntorcea II	n this mo	dule. Due t	o the im	iplementation of	
	amere	ent pr	esenting setting	s, comprer factively on	ner	isive key	SKIIIS II	ke presenti	ng ana ra daval	communication	
F	Loor			notonoos		IG 2 OWU		an groups a		opea.	
Э		ing o	ndorotonding of c	petences:	illo	in roooo	rob oottir				
	• Da	ababil	ity of searching.	analvzing a	anc	assessi	na literat	ure			
	• Co	ompet	tences in gatheri	ng and con	ive	ying rese	arch res	ults			
	<ul> <li>De</li> </ul>	evelop	oment of (inter-)	personal	sk	ills, meth	nodologia	cal and (sc	ientific)	communication	
6	CO	mpete	ences								
Ø											
	[X] 4	partia	arexaminations								
	Belo	ng	Туре					Duration	Er	nphasis for	
	s to								M	odule grade	
	a)		Abstract					ca. 1 pag	je 25	6%	
	b)		Presentation					ca. 10mir	า. 25	6%	
			Scientific Poster	· + short Pr	es	entation		1 page +	ca. 25	%	
			Review					3 min.	25	%	
								5-8 page	s		

7	Information about the concrete terms and conditions of the examination is provided by the lecturer within the first 3 weeks of the lecture period.          Course Achievement (CA) / Qualified Participation (QP):								
	Belong	Туре	Duration	CA. / QP					
	s to								
	Information	about the concrete requirements for Course As	hiovomont or O	ualified Participation					
	is provided	by the lecturer within the first 3 weeks of the lect	ture period	uaimed Participation					
8	Prereguisi	tes for participating in examinations:							
-	None	······································							
9	Prerequisi	tes for assigning Credits:							
	The assign	ment of credits is restricted until all component	examinations ar	e passed.					
10	Emphasis	for final grade:							
	5/120								
11	Utilization	for other study programs:							
	no								
12	Module Co	oordinator:							
40	Dr. Reinec								
13		nauga English							
	reaching la								

Methods II – Statistical Skills											
Methods II – Statistical Skills											
Мос	dule:		Workload	Credits:	Intende	d stage	Frequen	cy at	Duration	of	
4			(h):	5	in co	urse of	which	the	the modul	e:	
			150		studies	:	class	is	2 Semeste	r	
					1 <sup>st</sup> and 2	2 <sup>nd</sup>	offered:				
							Annually				
1	Modu	le Str	ucture:				, , , , , , , , , , , , , , , , , , ,				
		Cou	rses		Teachin	Class	Study	Statu	Number	of	
					a	time	time (h)	S	participa	ant	
					ethods	(h)		(O/F)	S		
	a)	Linde	erstanding	Different		30	60	0	Un to 12	0	
	а,	Stati	stical Mothor	le and	-	00	00	Ŭ	001012		
		Con	sucal Method								
	b)	Appl	ied Statiatic	na in	<u> </u>	20	20	0	20		
	0)	Аррі			3	30	30	0	20		
		Neur	roscientific	Research							
•		Sem		de de s							
2	Alterr	ative	s within the wo	aule:							
2	none		h								
3	Prere	quisi	les:								
	none										
4	Conte	ents:			-		4-4	4			
	IVI4 TO	cuses		e to resear	cn methods	in diosta	atistics with	a stron	g neuroscie	ntific	
	empn	asis.	ine impartmen	t of a th	eoretical u	nderstan	aing of sta	atistical	concepts	(I.e.,	
	descri	ptive	– test statistics; p	arametrica	I – non-para	ametrical	; epidemioic	ogy; reg	ression anai	ysis;	
	testing	g for a		relations) a	na its purpo	setul app	incation, are	e key ai	Dilities to acr	lieve	
	in this	moa	ule. Through the		tation of BI	enaea Le	earning in c	ourse i	) the theore	etical	
	under	stand	ing is proved ar	nd develop	ed by deal	ng with	concrete st	atistica	examples.	Ine	
	prese	ntatio	n and discussion	of statistica	al results rej	oresent fi	urther impor	tant lea	irning object	ives.	
	Beside	es sta	atistical compete	nces, com	prehensive	key skills	s like worki	ng self-	organized a	llone	
	and in	smal	l groups, will hel	p develop p	problem sol	ving strat	egies.				
5	Learn	ing o	utcomes / Com	petences:							
	De De	epen	ed knowledge at	oout resear	ch methods	in the fie	eld of neuros	science	and biostati	stics	
		ientifi	c data	ccomplishi	ng, analyzii	ig, interp	reung and e	evaluati	ng experime	;nis /	
	■ De	evelop	oment of problem	-solving str	ategies, sel	f-organiz	ation as we	ll as coi	nmunication	and	
	pr	esent	ing competences	6	0	0					
6	Exam	inatio	on:								
	[x] O	ne ex	amination contai	ning conte	nts of cours	es a) and	db)				
	Bala	ng	Type				Duration	F	mnhasis	for	
	sto	ing	Type				Duration		odule ared	6	
	310		Written exam				60-120m	in 1		-	
							00-12011	ni. I	5070		
1	Inform	nation	about the conc	rete terme	and condit	ions of t	he examina	ation ie	provided by	/ the	

7	Course Ac	chievement (CA) / Qualified Participation (QP	):	
	Belong s to	Туре	Duration	CA. / QP
	a)			
	b)	Presentation or	ca. 10 min.	QP
		ca. 5-7 homeworks	1-2 pages	
			each	
	Information	n about the concrete requirements for Course Ac	hievement or Qu	alified Participation
	is provided	by the lecturer within the first 3 weeks of the lec	cture period.	
8	Prerequis	ites for participating in examinations:		
	None			
9	Prerequis	ites for assigning Credits:		
	The assig	nment of credits is restricted until Qualified	Participation is	s verified and the
	examinatio	on is passed.		
10	Emphasis	for final grade:		
	5/120			
11	Utilization	for other study programs:		
	none			
12	Module Co	pordinator:		
	Prof. Dr. D	r. Reinsberger and Dr. Reinecke		
13	Language	:		
	Teaching la	anguage English		

Met	hods I	II – Me	easurement Ski	lls					
Met	hods II	I – Me	asurement Skills	;					
Mod	dule:		Workload	Credits:	Intende	d stage	Frequen	cy at	Duration of
5			(h):	8	in co	urse of	which	the	the module:
			240		studies	:	class	is	1 Semester
					1 <sup>st</sup> offered:				
							Annually		
1	Modu	ule Str	ucture:						
		0			Terebin	0	Ofereles	01-1-1	Normalian of
		Cou	rses		Teachin	Class	Study	Statu	Number of
					g	time	time (h)	S	participant
					methods	(h)		(O/F)	S
	a)	Deve	eloping Metho	odological	L	45	75	0	Up to 120
		Com	petences in	Applied					
		Neur	rosciences						
	b)	Appl	ying Metho	odological	S	30	90	0	20
		Com	petence in Neuro	oscientific					
		Setti	ngs						
2	Alter	native	s within the Mo	dule:					
	none								
3	Prere	equisit	es:						
	none								
4	Conte	ents:							
	M5 fo	cuses	on the impartme	ent of know	ledge and s	skills rega	arding neuro	oscientifi	c measurement
	techn	iques.	A basic underst	anding of i	medical and	d technic	al correlatio	ons of di	fferent methods
	(i.e., I	EEG, I	MRT, PET, EMG	, ANS-diag	nostics) is	fundame	ntal to achie	eve befo	re students can
	apply	that	mainly theoretic	al underst	anding in	planning	, conductin	g and a	analyzing small
	exper	iment	s on their own in	the lab an	d in the fiel	d. Workir	ng in small g	groups a	and dealing with
	proble	ems	regarding meth	odological	problems	or sur	rounding	conditior	ns during the
	exper	imenta	al periods enford	e the deve	elopment of	problem	-solving stra	ategies,	communication
	and (i	inter-)	personal skills.		•	•	Ū	<b>U</b>	
5	Learr	ning o	utcomes / Com	petences:					
	• D	eepen	ed knowledge al	Dout neuros	scientific me	easureme	ent techniqu	ies	
	• C	apabili	ity of the appr	opriate ap	plication a	nd evalı	uation of s	selected	neuroscientific
	m	easur	ement technique	s, as well a	as interpreta	tion and	presentatio	n of resu	ults
6	■ D	evelop	oment of problem	i-solving st	rategies				
0			л. omination conte:	ning acata	nto of action		4 P)		
		ne ex	amination contai	ning contei		es a) and	(01		
	Belo	ona	Type				Duration	Fn	nphasis for
	s to	, ing	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Durution	Mo	odule grade
			Oral exam				10-30mir	n. 10	0%
	Inform	nation	about the conc	rete terms	and condit	ions of t	he examina	ation is r	provided by the
	lectur	er with	nin the first 3 wee	eks of the le	ecture peric	d.		- 1	,
7	Cour	se Ac	hievement (CA)	/ Qualified	d Participa	tion (QP)	):		

	Belong	Туре	Duration	CA. / QP
	s to			
	a)			
	b)	Written homework or	2-3 pages	QP
		presentation	ca. 10 min.	
	Information	about the concrete requirements for Course Ach	ievement or Qu	alified Participation
	is provided	by the lecturer within the first 3 weeks of the lect	ure period.	
8	Prerequis	ites for participating in examinations:		
	None			
9	Prerequis	ites for assigning Credits:		
	The assig	nment of credits is restricted until Qualified	Participation is	s verified and the
	examinatio	n is passed.		
10	Emphasis	for final grade:		
	8/120			
11	Utilization	for other study programs:		
	no			
12	Module Co	pordinator:		
	Prof. Dr. D	r. Reinsberger and co-workers		
13	Language	:		
	Teaching la	anguage English		

Арр	lied	Sports	Neurology								
Арр	Applied Sports Neurology										
Мос	lule	:	Workload	Credits:	Intend	ed stage	Frequen	cy at	Duration of		
6			(h):	5	in co	urse of	f which	the	the module:		
			150		studies	S:	class	is	1 Semester		
					2 <sup>nd</sup>		offered:				
							Annually				
1	Мо	dule Str	ucture:								
	<b>C</b> anno a c										
		Cou	rses		Teachin	Class	Study	Statu	Number of		
					g	time	time (h)	S	participant		
					methods	(h)		(O/F)	S		
	a	Irea	ting Diseases wi	th Sports	S	30	60	0	20		
		and	Exercise		•						
	D)		ying Sports and	Exercise	S	30	30	0	20		
		IN	the Treatm	ent of							
2	A 14			S dulai							
2	Alt	ernative	s within the Mo	aule:							
2	noi Dra										
З	Mo	dulo 1 ic	.es:								
4		ntente:	passeu.								
-	Me	focusos	on research a	nd occupa	tion_orient	ad applic	ation of the	theore	tical knowledge		
	has	ed on th	e contents of M1	First mod	le of action	of sports :	and exercise		ological therapy		
	is	imnarted	and discussed	based on	recent lite	erature S	Students cr	itically a	opraise current		
	sci	entific lit	erature and de	velop evic	lence-base	d and a	ppropriate	exercise	e programs for		
	nei	urologica	I patient groups.	At the sa	ne time, st	udents ge	t the oppor	tunity to	experience and		
	ap	oly sport	s in the setting of	of neurolog	gical and n	eurodege	nerative dis	seases i	n small groups.		
	Fu	rthermore	e, students will g	et in conta	ict with pat	ients with	neurologic	al or neu	urodegenerative		
	dis	eases in	rehabilitation spo	orts setting	s (i.e., dem	entia, epi	lepsy, MS).	Evaluat	ing and critically		
	ref	ecting th	ese experiences	is a key el	ement for f	uture occi	upational pr	actice. E	Experiencing the		
	ap	olication	of previously ac	quired kno	wledge (i.e	., behavio	or as a trair	ier) in sr	nall groups and		
	wo	rking wit	h patients with	different pl	nysical and	I / or cog	initive impa	irments	is supposed to		
	imp	prove (int	er-) personal as	well as con	nmunicatio	n skills wit	h regards to	o the "the	erapist – patient"		
	rela	ationship	•								
5	Lea	arning o	utcomes / Com	petences:							
	•	Knowled	dge about the mo	ode of actio	on of sports	and exer	cise in the r	neurolog	ical therapy and		
	prevention Transfer of knowledge into practice with patients: development of didactic competences										
	<ul> <li>Acquisition of occupational competences related to prescription and application of sports</li> </ul>										
		and exe	rcise in therapy	and prever	ntion setting	js		1. I			
	•	Develop	pment of (inter-) p	personal a	nd commur	ication sl	kills through	working	with patients		
	•	ADIIITY 1	to develop app gical/ neurodege	ropriate e nerative di	vidence-ba seases	ised exe	rcise progi	ams to	r patients with		

6	Examination:										
	[x] One e	xamination containing contents of courses a) and	d b)								
	Belong	Туре	Duration	Emphasis for							
	s to			Module grade							
		Report	10-15	100%							
			pages								
	Information	n about the concrete terms and conditions of th	ne examination	is provided by the							
	lecturer wi	thin the first 3 weeks of the lecture period.									
7	Course A	chievement (CA) / Qualified Participation (QP)	:								
	Belong	Туре	Duration	CA. / QP							
	s to										
	a)	Presentation or	ca. 10min.	QP							
		Short colloquium									
	b)	Protocols (work experience) or	3-5 pages	QP							
		Short colloquium	each								
			ca. 10 min.								
	Information	about the concrete requirements for Course Act	nievement or Qu	alified Participation							
	is provided	l by the lecturer within the first 3 weeks of the lec	ture period.								
8	Prerequis	ites for participating in examinations:									
	None										
9	Prerequis	ites for assigning Credits:									
	The assig	nment of credits is restricted until Qualified	Participation is	s verified and the							
	examinatio	n is passed.									
10	Emphasis	for final grade:									
	5/120										
11	Utilization	for other study programs:									
	no										
12	Module Co	pordinator:									
	Prof. Dr. D	r. Reinsberger									
13	Language	: 									
	Teaching I	anguage English									

Арр	lied E	xercis	e Neuroscience	9	Applied Exercise Neuroscience									
Арр	lied Ex	ercise	Neuroscience											
Мос	lule:		Workload	Credits:		Intende	d stage	Frequen	cy at	Duration of				
7			(h):	5		in course of		which	the	the module:				
			150			studies:		class is		1 Semester				
					2 <sup>nd</sup>		offered:							
								Annually						
1	Modu	ıle Str	ucture:											
		Cou	rses		Te	eachin	Class	Study	Statu	Number of				
					g		time	time (h)	S	participant				
					m	ethods	(h)		(O/F)	S				
	a)	Neur	oscience	and	S		30	60	0	10				
		Perfo	ormance											
	b)	Exer	cise Science	e and	S		30	30	0	20				
		Perfo	ormance											
2	Alter	ernatives within the Module:												
•	none	one												
3	Prerequisites:													
4			passeo.											
4	Thic	ents. modul	o looks from di	fforont nor	eno	otivos o	t rocoar	ob and anr	lications	from overeise				
	ccion			nerent per	spe	contonte		The mode (	of action	of training and				
	nerfoi	mance	within the nerv	vous svster	m is	imparte	of iniz.	scussed ha	ised on r	ecent literature				
	for m	otor a	bilities and coo	rdination i	n d	lifferent (	condition	s (e a ini	urv fatio	ue expertise)				
	Selec	ted ex	amples from cu	rrent resea	arch	will be i	renlicate	d in small o	irouns u	itilizing relevant				
	mobil	e brair	n and body imag	nina metho	n on ds	(e.a. EE	G. EMG	in a labor	atorv se	tting to provide				
	valua	ble in	sights into the	opportun	ities	s and li	imitation	s of neuro	physiolo	aical research				
	applic	ations	and exposures	during spo	orts	& exerci	se. At the	e same time	e, studen	ts conceptually				
	devel	op, pra	actically conduct	and subse	equ	ently eva	aluate tra	ining and p	erforma	nce with regard				
	to a	neuros	scientific perspe	ctive in dif	ffere	ent popu	lations (	e.g. elite s	ports, cł	nildren, elderly,				
	preve	ntion,	rehabilitation).	Evaluating	and	d critical	ly reflect	ing these e	experience	ces in exercise				
	neuro	scienc	e is a key eleme	ent for futur	re o	ccupatio	nal pract	tice.						
5	Learr	ning o	utcomes / Com	petences:										
	■ K	nowled	lge about mobile	e brain and	bo	dy imagi	ng metho	ods in sport	s and ex	ercise				
	• Ki	nowled	lge about expos	ures to the	ne	rvous sy	stem in t	he context o	of sports	and exercise				
	■ Al	ollity to difford	o plan, apply and	a evaluate	trai	ning and	perform	nance with r	regards t	to the demands				
	■ Al	bilitv to	conduct. intern	ret and ren	ort	small pil	ot studie:	S						
	• A	bility to	use different so	ources of in	forr	nation, s	uch as te	xtbook cha	pters, jou	urnal articles on				
	or	iginal	studies and over	rview pape	ers t	o acquire	e knowle	dge, to que	stion the	em critically and				
	or to	iginal transf	studies and over er them into pra	rview pape ctical conte	ers t exts	o acquire of actior	e knowle า	dge, to que	stion the	em critically and				

Examinati	on:	ourses a) and b)	
[x] z paru	ar examinations containing contents of co	ourses a) and b)	
Belong	Туре	Duration	Emphasis f
s to			Module grade
	Report	10-15	100%
		pages	
Informatio	about the concrete terms and condition	ons of the examination	is provided by
lecturer wi	thin the first 3 weeks of the lecture period	l.	
Course A	chievement (CA) / Qualified Participati	on (QP):	
	. ,	, , ,	
Belong	Туре	Duration	CA. / QP
s to			
a)	Presentation and/or	ca. 10min.	QP
	Conduct of a pilot study		
b)	Presentation or	ca. 10 min.	QP
	Short colloquium		
Information	n about the concrete requirements for Col	the lesture period	ualified Participa
Broroquio	itos for participating in exeminational		
None	ttes for participating in examinations.		
Prereguis	ites for assigning Credits:		
The assid	nment of credits is restricted until Q	ualified Participation i	s verified and
examinatio	on is passed.		
Emphasis	for final grade:		
5/120			
Utilization	for other study programs:		
no			
Module C	oordinator:		
Dr. Tim Le	hmann		
Language	:		
Teaching I	anguage English		

Stud	Study Project "Sportsmedicine"										
Stuc	dy Proj	ject "S	portsmedicine"								
Мос	dule:		Workload	Credits:	Intend	ed stage	Frequen	cy at	Duration of		
8			(h):	30	in co	urse of	f which	the	the module:		
			900		studies	studies:		is	2 Semesters		
					2 <sup>nd</sup> and	3 <sup>rd</sup>	offered:	offered:			
							Annually				
1	Mod	ule Sti	ructure:		I			I			
		Cou	rses		Teachin	Class	Study	Statu	Number of		
					q	time	time (h)	s	Participant		
					methods	(h)		(O/F)	s		
	a)	Proi	ect Introduction		S	30		F	20		
	b)	Grou	In Discussion an	d Report	S	60	810	F	20		
	5)	0100		unopon	0	00	010		20		
2	Altor	nativo	e within the Me	dule							
2	none										
2	Prerequisites:										
3	Modules 1 and 5 are passed										
4	Modules 1 and 5 are passed.										
4	Contents:										
	imple	ologica	al lopics within	current rea		suons in		or spon			
	impie	mente			ai (experin	iental, co	nceptual) si	nall gro	up work. Topics		
	are e		esearch or occu	pation relation	ted and all			eoretical	knowledge into		
-	scien	iunc w	ork, including the	applicatio	n of relevar	nt neuroso	cientino met	noas.			
Э	Lear	ning o	butcomes / Com	petences:				-:	ana af an arta		
	• C	ompe ourolo	av and using	oping a re appropriate	elevant res	to ansi	wer that o	unestion	hased on an		
	e	xperim	nental design, or	a conceptu	al framewo	ork					
	• D	Deeper	ned competences	in working	g in small g	roups					
	• C	compe	tences in scientif	ic writing							
6	Exan	ninatio	on:								
	[x] 2	2 partia	al examinations c	ontaining o	contents of	courses a	a) and b)				
	Bal	ong	Туре				Duration	E.	nnhasis for		
	s to		Туре				Duration		npilasis ioi		
	310	,	Oral oxam				ca 30 mi	in 50			
	a)		Denert						770 NO(		
	0)		Report				50-70	50	J%		
							pages				
								<i>.</i>			
	Inform	mation	about the conc	rete terms	and condi	tions of t	he examina	ation is	provided by the		
	lectu	rer wit	nin the first 3 we	eks of the l	ecture perio						
1	Cour	rse Ac	hievement (CA)	/ Qualifie	d Participa	tion (QP)	):				
	Bel	ong	Туре				Duration	C	A. / QP		
	s to										
	a)		2-4 Presentation	ns or writte	n homewor	ks	10-15 mi	n. Q	P		
	- /						2-3 page	s			

	b)	Experimental demonstration	ca. 30 min.	QP						
			·							
	Informatior	about the concrete requirements for Course Ach	ievement or Qu	alified Participation						
	is provided	by the lecturer within the first 3 weeks of the lect	ure period.							
8	Prerequisi	tes for participating in examinations:								
	None									
9	Prerequisites for assigning Credits:									
	The assignment of credits is restricted until Qualified Participation is verified and the									
	examination is passed.									
10	Emphasis	for final grade:								
	30/120									
11	Utilization	for other study programs:								
	no									
12	Module Co	oordinator:								
	Prof. Dr. D	r. Reinsberger and co-workers								
13	Language	1								
	Teaching la	anguage English								

Stuc	Study Project "Exercise Neuroscience"										
Stud	y Proj	ect "Ex	xercise Neurosci	ence"							
Mod	ule:		Workload	Credits:	Intende	d stage	Frequen	cy at	Duration of		
9			(h):	30	in cou	irse of	which	the	the module:		
			900		studies	:	class	class is 2 Semeste			
					2 <sup>nd</sup> and	3 <sup>rd</sup>	offered:				
						Annually					
1	Modu	ule Str	ructure:					I.			
		Cou	rses		Teachin	Class	Study	Statu	Number of		
					g	time	time (h)	s	Participant		
					methods	(h)		(O/F)	s.		
	a)	Proie	ect Introduction		S	30		F	20		
		,			-		810				
	b)	Group Discussion and Report S		S	60		F	20			
	~,										
2	Alter	native	s within the Mc	dule:	<u> </u>						
	none										
3	Prere	quisi	tes:								
	Modu	ules 2 a	and 5 are passed	d.							
4	Contents:										
	Performance and health related topics within current research questions in the area of exercise										
	scien	ce an	nd neuroscience	are impl	emented ir	theore	tical and p	oractical	(experimental,		
	conce	eptual	) small group wo	rk. Topics a	are researcl	n based a	and allow th	ne transf	fer of theoretical		
	know	ledae	into independent	scientific v	work includir	na propos	sal and ethic	cs writin	a, as well as the		
	applic	cation	of relevant neuro	oscientific r	nethods in t	he conte	xt of sports	and exe	ercise.		
5	Lear	ning o	utcomes / Com	petences:							
	• C	ompet	tences in develo	oping a re	levant rese	arch que	estion within	n the a	rea of exercise		
	ne	euroso	ience and usin	g appropri	ate method	ls to an	swer that	questior	n based on an		
	e	xperim	ental design, or	a conceptu	al framewo	rk					
		eepen	ed competences	s in working ic thinking	) in small gr	oups					
6	Exan	ninatio	onces in solenili on:								
-	[x] 2	2 partia	al examinations c	ontainina d	contents of (	courses a	a) and b)				
				5							
	Belo	ong	Туре				Duration	n Ei	mphasis for		
	s to							м	odule grade		
	a)		Oral exam				ca. 30 m	in. 50	)%		
	b)		Report				50-70	50	0%		
			-				pages				
							1. 0				
	Inforr	nation	about the conc	rete terms	and condit	ions of tl	he examina	ation is	provided by the		
	lectur	rer with	nin the first 3 we	eks of the l	ecture peric	d.					
7	Cour	se Ac	hievement (CA)	/ Qualifie	d Participa	tion (QP)	):				
			. ,		-						
	Belo	ong	Туре				Duration	n C	A. / QP		
	s to										

	a)	2-4 Presentations or written homeworks	10-15 min.	QP							
			2-3 pages								
	b)	Experimental demonstration	ca. 30 min.	QP							
	Information	n about the concrete requirements for Course Ac	hievement or Qu	alified Participation							
	is provideo	by the lecturer within the first 3 weeks of the lec	cture period.								
8	Prerequis	ites for participating in examinations:									
	None										
9	Prerequisites for assigning Credits:										
	The assig	The assignment of credits is restricted until Qualified Participation is verified and the									
	examinatio	on is passed.									
10	Emphasis	for final grade:									
	30/120										
11	Utilizatior	for other study programs:									
	no										
12	Module C	oordinator:									
	Prof. Dr. B	aumeister and co-workers									
13	Language	:									
	Teaching I	anguage English									

Inte	Internship									
Inter	rnship									
Мос	lule:		Workload	Credits:	Intende	d stage	Frequen	cy at	Duration of	
10			(h):	6	in cou	urse of	which	which the the module:		
			180		studies	:	class is		4 weeks	
					2 <sup>nd</sup>		offered:			
							Annually			
1	Modu	ıle Str	ucture:							
		Cou	rses		Teachin	Class	Study	Statu	Number of	
					g	time	time (h)	s	participant	
					methods	(h)		(O/F)	s	
	a)	Inter	nship			. ,	160	0	individual	
	b) Colloquium				5	15	0	20		
2	Alternatives within the Module:					-		-		
-	none	lative	s within the mo	aute.						
3	Prere	auisit	es:							
	none	-								
4	Contents:									
	Throu	iqh ob	serving and self	-contained	working in	a potenti	ally relevan	it occupa	ational field, the	
	internship is supposed to create the possibility for students to compare the choice of academic									
	studv	with	the occupationa	l reality a	nd furthern	nore. hel	p realizing	a prope	er occupational	
	decisi	ion.				,	p			
	The ir	nternsl	nip is desianed f	ull-time for	four weeks.	In well-o	arounded co	onditions	it is possible to	
	split t	the for	ur weeks. It is l	based on	an individu	al prefer	ence of the	e studen	ts whether the	
	intern	ship ta	akes place in an	English-sp	eaking setti	ng.				
5	Learr	ning o	utcomes / Com	petences:						
	■ Kr	nowled	dge about occup	ational sett	ings					
	■ In	tegrati	ng learning outc	omes from	the study p	rogram i	nto occupat	ional pra	actice	
6	■ U	onseq	uences for occup	Dational orl	entation					
0		)ne ev	amination contai	nina conte	nts of cours	es a)				
	[/] 0			ining conto		00 0)				
	Belo	ona	Туре				Duration	n Em	nphasis for	
	s to	J	<b>5</b> 1					Mo	dule grade	
	a)		Report				10-15	100	0%	
							pages			
							1			
	Inform	nation	about the conc	rete terms	and condit	ions of t	he examina	ation is p	provided by the	
	lectur	er with	nin the first 3 wee	eks of the le	ecture perio	d.				
7	Cours	se Ac	hievement (CA)	/ Qualified	d Participat	ion (QP)	):			
							_			
	Belo	ong	Гуре				Duration		;A. / QP	
	s to									

	Information about the concrete requirements for Course Achievement or Qualified Participation
	is provided by the lecturer within the first 3 weeks of the lecture period.
8	Prerequisites for participating in examinations:
	None
9	Prerequisites for assigning Credits:
	The assignment of credits is restricted until the examination is passed.
10	Emphasis for final grade:
	6/120
11	Utilization for other study programs:
	no
12	Module Coordinator:
	Dr. Reinecke
13	Further notes:
	none

Fun	Fundamentals of Data Processing & Analysis										
Data	a Pro	cessing	& Analysis								
Мос	lule:		Workload	Credits:		Intende	d stage	Frequen	cy at	Duration of	
11			(h):	5		in cou	urse of	f which	the	the module:	
			150			studies:		class	is	1 Semester	
						3 <sup>ra</sup>		offered:			
								Annually			
1	Мос	lule Str	ucture:								
	Courses			Т	eachin	Class	Study	Statu	Number of		
			363		0	eaciiii	time	time (h)	Statu	narticipant	
					9 m	ethods	(h)	une (n)	3 (O/F)	s	
	a)	Com	putational Metho	ods for the	S		30	45	F	20	
	.,	Anal	vsis of Behavi	oral and			•••				
		Phys	iological Data								
	b)	Prac	tical Course	– Data	S		30	45	F	20	
	Processing										
2	Alternatives within the Module:										
	non	none									
3	Pre	requisit	es:								
	M5	s passe	ed								
4	Cor	tents:					1	I. <b>f</b> (I		i ha ha sha a sha a sh	
	M11 (not	provide	es a broad introd	UCTION TO C	om or	putationa	a method	as for the an	alysis of	benavioral and	
	the	structur	es and common	characteri	aı, stic	s of hiold	nar wir d aical dat	ta In this re	aard the		
	mar	ipulatio	n and analysis o	f specific d	ata	types b	ased on (	aiven resea	rch intere	ests will be one	
	key	elemen	it of the semina	r. Furtherr	nor	re, the p	ractical of	course will	emphasi	ize a hands-on	
	exp	erience	with neural data	processing	g a	nd analy	sis. Stud	ents will gai	n basic o	competences in	
	scie	ntific pr	ogramming for t	the manipu	ulat	ion of be	ehavioral	or biologic	al data.	Accompanying	
	prog	ırammir	ig exercises furth	her aim to	acc	quire skill	s for the	automatizat	tion and	standardization	
	of c	omputat	ional processes	in the anal	ysi	s of differ	ent expe	erimental da	ta sets a	nd for reporting	
	data	or qua	ntitative results i	n publicatio	on-o	quality gr	aphical v	isualization/	IS.		
5	1		utoomoo / Com								
Э	Lea	ming o	knowledge abou	petences:	icti	ires of by	havioral	and neuror	hysiolog	nical data	
	-	compete	ences in handling	q, organizir	ng a	and mani	pulating	research da	ata	gical uata	
	•	develop	ing a general un	derstandin	go	of comput	ational n	nethods in a	pplied n	euroscience	
	•	acquirin	g fundamental, p	oractical ex	(pei	riences ir	n scientif	ic programn	ning		
	-	nansieri neurosc	ing the skills a ience	acquirea li	i ti	ms modu		ulei lieids	or sport	s science and	

	Examinati	on:								
	[x] One e	xamination containing contents of c	courses a) and b)							
	Belong	Туре	Duration	Emphasis fo						
	3 10	Written exam or	60-90min							
		Oral exam	15-30min							
	Information lecturer wi	n about the concrete terms and c thin the first 3 weeks of the lecture	onditions of the examina period.	tion is provided by						
	Course A	chievement (CA) / Qualified Parti	cipation (QP):							
	Belong s to	Туре	Duration	CA. / QP						
	b)	Written exercise	1 - 5 page	es QP						
	s provided	i by the lecturer within the first 3 we	ions:							
	none	neo ivi parncipaning ili examiliat	10113.							
	Prerequisites for assigning Credits:									
	The assignment of credits is restricted until the examination is passed.									
	Emphasis 5/120	for final grade:								
	Utilization no	for other study programs:								
2	Module C	oordinator:								
	Dr. Tim Le	nmann								
,	Teaching I	anguage English								
	j									

Ger	General Studies										
Ger	neral St	udies									
Мос	dule:		Workload	Credits:		Intende	d stage	Frequen	cy at	Duration o	of
12			(h):	5		in cou	urse of	which	the	the module:	
			150			studies	:	class	is	1 Semester	
						3 <sup>rd</sup>		offered:			
								Annually			
1	Modu	le Str	ucture:								
		Cour			Т	achin	Class	Ctudy	Statu	Number of	-
		Cou	1565			achin	time	Siduy	Siaiu	number of	
					y m	ethods	(h)	une (n)	3 (O/F)	s	
		Depe	ends on the o	offer and			(11)				
		stude	ent's choice u	sina the							
	Campus Management System										
				,							-
2	Alternatives within the Module:								L		
	none										
3	Prerequisites:										
	none										
4	Contents:										
_	Free choice within the Campus Management System of Paderborn University.										
5	Learn	ing o	utcomes / Com	petences:	:	I : · ·	<b>.</b>			4:	
	■ EX	cperie	nces beyond the	own prote	SSI	onal Issu	es to bro	aden one s	percep	Dtion	
6	Exam	inatio	on:								
	[x] O	ne ex	amination contai	ning conte	ents	of cours	es a) and	db)			
			-						-		_
	Belo	ng	Гуре					Duration		mphasis for	
	5 10		Doponds on the	soloctod c		<u>eos / mo</u>	dulo (i o		IV	louule grade	
			written exam w	vith a ma	vim	oum of	4 hours				
			homework with	a maximu	im i	of 25 pa	des ora				
			exam with a ma	ximum of 4	15 r	ninutes)	900, 014				
					-	,					
	Inform	nation	about the conc	rete terms	an	d condit	ions of t	he examina	ation is	provided by th	e
	lecture	er with	nin the first 3 wee	eks of the l	lect	ure perio	d.				
7	Cours	se Ac	hievement (CA)	/ Qualifie	d P	articipat	tion (QP)	):			
											_
	Belong Type							Duration		CA. / QP	
	s to							02 10 mi	in		
				selected (	noc						
	Inform	nation	about the concre	ete require	mei	nts for Co	ourse Ac	hievement o	or Quali	fied Participatio	n
	is prov	vided	by the lecturer w	rithin the fir	rst 3	B weeks	of the lec	ture period	. Quui		
8	Prere	quisit	es for participa	ting in exa	ami	inations					

9	Prerequisites for assigning Credits:
	The assignment of credits is restricted until the examination is passed and - if existing - Qualified
	Participation is verified.
10	Emphasis for final grade:
	5/120
11	Utilization for other study programs:
	none
12	Module Coordinator:
	Dr. Reinecke
13	Language:
	Depends on the selected module

Inte	rcultu	ral Co	mmunication							
Inte	rcultura	al Con	nmunication Trai	ning						
Мос	lule:		Workload	Credits:	Intend	ed stage	Frequen	cy at	Duration of	
13			(h):	5	in co	urse of	f which	the	the module:	
			150		studies	s:	class	is	1 Semester	
					3 <sup>rd</sup>		offered:			
								Annually		
1	Modu	ıle Str	ucture:		I					
		Cou	rses		Teachin	Class	Study	Statu	Number of	
					α	time	time (h)	s	participant	
					9 methods	(h)		(O/F)	S	
	a)	Inter	cultural Commun	vication	S	30	120	(0,1) F	20	
	u)			lication	0		120	I	20	
2	Alter	native	s within the Mo	dule:						
	none		1							
3	Prere	quisi	ies:							
	none									
4	Cont	ents:				(h		14 1		
	Interc	uitura		exposes s		the princ	iples of intel	rcultural		
	to ad	vance	their efforts to	understan	d and attr	bute mea	aning to co	mmunic	ative behaviors	
	amon	g diff	erent cultures a	nd social	groups. S	tudents s	study comn	nunicati	on and culture,	
	interc	ultural	messages, the	role of con	text in inter	cultural co	ommunicatio	on, the i	mpact of culture	
	on on	e's ide	entity, and comn	nunication	style. Stud	ents mas	ter the prac	tical ski	ills necessary to	
	improve one's intercultural communication competence in an international world.									
	The module is highly practical and the students work on case studies and simulations/role plays									
	in order to develop a deeper understanding of the complex processes of intercultural								of intercultural	
	interaction. Given the subject, interaction is strongly required and stimulated.									
5	Learr	ning o	utcomes / Com	petences:						
	The overarching goal is to provide knowledge and skills needed to communicate with people							cate with people		
	with different cultural backgrounds in multicultural environments.									
	St	tudent	s will							
	- be acquainted with recent theories of culture and communication, learn to interpret case									
	- 1	unders	and apply theory	al values in	fluence att	tude and	hehaviors			
	- t	be cult	ural sensitive: re	coanize th	e influence	of our ov	vn cultural s	ituation	upon the	
	se	ending	and interpreting	of message	jes,	or our or		ndation		
	- be cultural adaptive: discover the complexity of communication in an intercultural							rcultural		
	communication exchange and learn to deal with differences in communication style.									
6	Examination:									
	Exj One examination containing contents of courses a) and b)									
	Belong Type Duration Fmp					nphasis for				
	s to	sto					M		odule grade	
	Portfolio						5000 words 100%			
	Students are required to keep a reflective learning diary in which they should collect key									

experiences dealing with diversity and to comment them in the light of an intercultural communication approach. This individual written reflection report acts as a final exam. In the reflection report, the use of relevant theory should be discussed from the perspective of one's own multicultural experiences and challenges. Thus, the exam is a practice-related essay. Information about the concrete terms and conditions of the examination is provided by the lecturer within the first 3 weeks of the lecture period. Course Achievement (CA) / Qualified Participation (QP): 7 Belong Type Duration CA. / QP s to 6-8 homeworks 1-2 QP pages each Information about the concrete requirements for Course Achievement or Qualified Participation is provided by the lecturer within the first 3 weeks of the lecture period. Prerequisites for participating in examinations: 8 None **Prerequisites for assigning Credits:** 9 The assignment of credits is restricted until Qualified Participation is verified and the examination is passed. Emphasis for final grade: 10 5/120 11 Utilization for other study programs: none Module Coordinator: 12 Prof. Dr. Radtke 13 Language: **Teaching language English** 

Mas	ste	er The	esis										
Master Thesis													
Мос	Ju	ıle:		Workload	Credits:		Intended stage		Frequen	cy at	Duration	of	
14				(h):	30		in cou	urse of	which	the	the modu	ule:	
				900			studies	:	class	is	1 Semester		
							4 <sup>th</sup>		offered:				
									Annually	Annually			
1	I	Modu	le Str	ucture:									
	I		Cou	rses		Т	eachin	Class	Study	Statu	J Numbe	r of	
						a		time	time (h)	s	particir	pant	
						m	ethods	(h)		(O/F)	)   S		
		a)	Prog	ress Reports		S		15	45	0	20		
		u)	Thes			Ŭ		780		0	Individu		
		5)	1100					760		U			
		C)	Defe	nding the Thesis					60	0	individu	al	
		0)	2010							•			
2		Alterr	native	s within the Mo	dule:								
	r	none											
3	I	Prere	quisit	es:									
	ſ	Modul	es 1,	2, 3, 4, 5 as well	as the stu	dy	project (I	M8/M9) a	are passed.				
4	(	Conte	ents:										
	-	The M	laster	Thesis incorpora	ites relevai	nt r	esearch	question	s within the	area o	f sports neu	rology	
	C	or exercise neuroscience. Topics can emerge from former modules (i.e., study project). In the									In the		
	ŝ	semin	ar stu	dents report abo	ut the prog	res	s of the t	hesis and	d problem st	trategi	es are devel	loped.	
5	I	Learning outcomes / Competences:											
	•	<ul> <li>Capability of acting appropriately in research processes</li> </ul>											
	•	<ul> <li>Competences in scientific writing</li> </ul>											
6	Competences in communicating and presenting												
Ŭ	 -	x] tw	/o con	nponent examina	ations								
	Belong Type						Duration	E	Emphasis	for			
		s to								l I	Module gra	de	
				Thesis					Max.	80 6	66,67%		
								pages	or				
							research						
									manuscri	pt			
								(ca.	30				
								pages) i	ncl.				
								Review	(ca.				
									10 pages	;)			
		Defending the Thesis						30-45mir	ı. 3	33,33%			

	Information about the concrete terms and conditions of the examination is provided by the								
	lecturer within the first 3 weeks of the lecture period.								
7	Course Ac	chievement (CA) / Qualified Participation (QP):							
-									
	Belong	Туре	Duration	CA./QP					
	s to								
	a)	Progress report	ca. 30min.	QP					
	Informatior	n about the concrete requirements for Course Ach	ievement or Qua	alified Participation					
	is provided by the lecturer within the first 3 weeks of the lecture period.								
8	Prerequisites for participating in examinations:								
	None								
9	Prerequisites for assigning Credits:								
	The assignment of credits is restricted until Qualified Participation is verified and the component								
	examinations are passed.								
10	Emphasis for final grade:								
	30/120								
11	Utilization	for other study programs:							
	none								
12	Module Co	oordinator:							
	Prof. Dr. B	aumeister, Prof. Dr. Dr. Reinsberger, Dr. Reineck	е						
13	Language:								
	Teaching language English								