

Amtliche Bekanntmachung



Nr. 44/2019

veröffentlicht am: 22.10.2019

Erste Satzung zur Änderung der Studien- und Prüfungsordnung für den Masterstudiengang Integrative Neuroscience vom 10.10.2007 in der Fassung vom 23.11.2011 an der Otto-von-Guericke-Universität Magdeburg

Aufgrund von §§ 13 Abs. 1, 67 Abs. 3 Ziff. 8. Hochschulgesetz des Landes Sachsen-Anhalt (HSG LSA) vom 14.10.2010 (GVBl. LSA S. 600) in der jeweils geltenden Fassung i. V. m. § 6 Abs. 1 Grundordnung der Otto-von-Guericke-Universität Magdeburg vom 27.03.2012 (MBL. LSA S. 305) hat die Otto-von-Guericke-Universität Magdeburg die erste Satzung zur Änderung der Studien- und Prüfungsordnung für den für den Masterstudiengang Integrative Neuroscience beschlossen:

Artikel I

alt:

Prüfungsplan Master-Studium

I. Pflichtveranstaltungen

Mod	Titel	1. Sem		2. Sem		3. Sem		4. Sem		CP
		PL	CP	PL	CP	PL	CP	PL	CP	
GA1 GA2	Molecular and cellular neuroscience									17
	101L Cellular Neurophysiology (lecture)	K120	3							
	101P Cellular Neurophysiology (lab)	EB	2							
	102L Basic Molecular and Cell Biology (lecture)	K120	3							
	102P Basic Molecular and Cell Biology (lab)	EB	1							
	111L Molecular and Cellular Neurobiology (lecture)			K120	3					
	111P Molecular and Cellular Neurobiology (lab)			EB	2					
	112L Development and Plasticity			K120	3					

	(lecture)										
GB	Systems and behavioural neuroscience										15
	103L Integrative and Comparative Neuroanatomy (lecture)	K120	3								
	103P Integrative and Comparative Neuroanatomy (lab)	EB	1								
	104 Neuroethology (lecture)	none	3								
	113L Systems Neurophysiology (lecture)			K120	3						
	113P Systems Neurophysiology (lab)			EB	2						
	114 Learning and Memory (lecture)			none	3						
Mod.	Titel	1. Sem		2. Sem		3. Sem		4. Sem			
		PL	CP	PL	CP	PL	CP	PL	CP	CP	
GC	Theoretical and computational Neuroscience										12
	105L Theoretical Neuroscience I (lecture)	K120	3								
	106L Mathematical Foundations (lecture)	K120	3								
	115L Theoretical Neuroscience II (lecture)			K120	3						
	116L Biological Statistics (lecture)			K120	3						
X	Professional skills										20
	190 Lab rotation I (research)	EB+ SV30	6								
	190 Lab rotation II			EB+	6						

	(research)			SV30						
	190 Lab rotation III (research)					EB+ SV30	4			
	300 Scientific Ethics (seminar)					3 times K20	2			
	350 Scientific Writing (tutorial)							HA	2	
	Pflichtveranstaltungen									64

Mod.	Wahlpflichtveranstaltungen	1. Sem		2. Sem		3.Sem		4. Sem		CP
		PL	CP	PL	CP	PL	CP	PL	CP	
	Molecular and cellular Neuroscience									22
GA	101T Cellular Neurophysiology (tutorial)	HA	1							
	102T Basic Molecular and Cell Biology (tutorial)	HA	1	HA	1					
	111T Molecular and Cellular Neurobiology (tutorial)	HA	2	HA	2					
	112T Development and Plasticity (tutorial)	HA	2	HA	2					
VA	201L Genetic Models (lecture)					K60 od. SV30	2			
	201P Genetic Models (lab)					EB	2			
	203L Neuroendocrinology / -inflammation (lecture)					K60 od. SV30	3			
	203P Neuroendocrinology / -inflammation (lab)					EB	1			
	205L Neural Signalling (lecture)					HA od. SV30	2			
	205P Neural Signalling (tutorial)					EB	2			

	205L Quantitative Signal Transduction (lecture)					K60 od. SV30	2			
	205P Quantitative Signal Transduction (lab)					EB	2			
Mod.	Wahlpflichtveranstaltungen	1. Sem		2. Sem		3.Sem		4. Sem		
		PL	CP	PL	CP	PL	CP	PL	CP	CP
	Systems and behavioural neuroscience									14
GB	103T Integrative and Comparative Neuroanatomy (tutorial)	HA	2							
VB	211L Cognitive Neurobiology (lecture)					K60 od. SV30	3			
	211P Cognitive Neurobiology (lab)					EB	1			
	215L Macroimaging (lecture)					K60 od. SV30	3			
	215P Macroimaging (lab)					EB	1			
	217L Microimaging (lecture)					K60 od. SV30	2			
	217P Microimaging (lab)					EB	2			
GC	Theoretical and computational neuroscience									12
	105T Theoretical Neuroscience I (tutorial)	HA	2							
	106T Mathematical foundations (tutorial)	HA	2							
	115T Theoretical neuroscience II			HA	2					

neu:

Prüfungsplan Master-Studium

I. Pflichtveranstaltungen

Mod .	Titel	1. Sem		2. Sem		3. Sem		4. Sem.			
		PL	CP	PL	CP	PL	CP	PL	CP	CP	
GA1	Molecular and cellular neuroscience										17
GA2											
	101L Cellular Neurophysiology (lecture)	K120	3								
	101P Cellular Neurophysiology (lab)	EB	2								
	102L Basic Molecular and Cell Biology (lecture)	K120	3								
	102P Basic Molecular and Cell Biology (lab)	EB	1								
	111L Molecular and Cellular Neurobiology (lecture)			K120	3						
	111P Molecular and Cellular Neurobiology (lab)			EB	2						
	112L Development and Plasticity (lecture)			K120	3						
GB	Systems and behavioural neuroscience										15
	103L Integrative and Comparative Neuroanatomy (lecture)	K120	3								
	103P Integrative and Comparative Neuroanatomy (lab)	EB	1								
	104 Neuroethology (lecture)	none	3								
	113L Systems Neurophysiology (lecture)			K120	3						
	113P Systems Neurophysiology			EB	2						

	(lab)									
	114 Learning and Memory (lecture)			none	3					
Mod	Titel	1. Sem		2. Sem		3. Sem		4. Sem.		
		PL	CP	PL	CP	PL	CP	PL	CP	CP
GC	Theoretical and computational Neuroscience									12
	105L Theoretical Neuroscience I (lecture)	K120	3							
	106L Mathematical Foundations (lecture)	K120	3							
	115L Theoretical Neuroscience II (lecture)			K120	3					
	116L Advanced Statistics for Neuroscience (lecture)			K120	3					
X	Professional skills									20
	190 Lab rotation I (research)	EB+SV30	6							
	190 Lab rotation II (research)			EB+SV30	6					
	190 Lab rotation III (research)					EB+SV30	4			
	300 Philosophy of Computation and Neurocognition (seminar)							3 times K20	2	
	350 Scientific Writing (tutorial)					HA	2			
	Pflichtveranstaltungen									64

Mod.	Wahlpflichtveranstaltungen	1. Sem		2. Sem		3.Sem		4. Sem		
		PL	CP	PL	CP	PL	CP	PL	CP	CP

	Molecular and cellular Neuroscience									22
GA	101T Cellular Neurophysiology (tutorial)	HA	1							
	102T Basic Molecular and Cell Biology (tutorial)	HA	1	HA	1					
	111T Molecular and Cellular Neurobiology (tutorial)	HA	2	HA	2					
	112T Development and Plasticity (tutorial)	HA	2	HA	2					
VA	201L Genetic Models (lecture)					K60 od. SV30	2			
	201P Genetic Models (lab)					EB	2			
	203L Neuroendocrinology / -inflammation (lecture)					K60 od. SV30	3			
	203P Neuroendocrinology / -inflammation (lab)					EB	1			
	205L Neural Signalling (lecture)					HA od. SV30	2			
	205P Neural Signalling (tutorial)					EB	2			
	205L Quantitative Signal Transduction (lecture)					K60 od. SV30	2			
	205P Quantitative Signal Transduction (lab)					EB	2			
Mod.	Wahlpflichtveranstaltungen	1. Sem		2. Sem		3.Sem		4. Sem		
		PL	CP	PL	CP	PL	CP	PL	CP	CP
	Systems and behavioural neuroscience									14
GB	103T Integrative and Comparative Neuroanatomy (tutorial)	HA	2							

VB	211L Cognitive Neurobiology (lecture)					K60 od. SV30	3			
	211P Cognitive Neurobiology (lab)					EB	1			
	215L Macroimaging (lecture)					K60 od. SV30	3			
	215P Macroimaging (lab)					EB	1			
	217L Microimaging (lecture)					K60 od. SV30	2			
	217P Microimaging (lab)					EB	2			
GC	Theoretical and computational neuroscience									12
	105T Theoretical Neuroscience I (tutorial)	HA	2							
	106T Mathematical foundations (tutorial)	HA	2							
	115T Theoretical neuroscience II (tutorial)			HA	2					
	116T Advanced Statistics for Neuroscience (tutorial)			HA	2					
VC	221L Spiking networks (lecture)					K60 od. SV30	3			
	221T Spiking networks (tutorial)					EB	1			
VD	Clinical and applied neuroscience									12
	241 Clinical neuroscience					K60	4			

	(lecture)					od. SV30				
	242 Cognitive neuroimaging (lecture)					K60 od. SV30	4			
	214L Behavioural pharmacology (lecture)					K60 od. SV30	3			
	214P Behavioural pharmacology (lab)					EB	1			
X	Professional skills									8
	180 Journal Club	SV30	2	SV30	2	SV30	2	SV30	2	
	107 Introduction to Matlab	HA	2							
	Wahlpflichtveranstaltungen									68

Artikel II

Die Bestimmungen dieser Satzung finden für alle Studierenden Anwendung, die ab dem Wintersemester 2019/20 in den Masterstudiengang Integrative Neuroscience an der Otto-von-Guericke-Universität Magdeburg immatrikuliert werden.

Studierende, die vor dem Wintersemester 2019/2020 in den Masterstudiengang Integrative Neuroscience immatrikuliert waren, können auf Antrag an den Prüfungsausschuss dieser Satzungsänderung beitreten. Der Antrag ist unwiderruflich.

Artikel III

Diese Satzung tritt am Tage ihrer Veröffentlichung in den Amtlichen Bekanntmachungen der Otto-von-Guericke-Universität Magdeburg in Kraft.

Ausgefertigt aufgrund der Beschlüsse des Fakultätsrates der Fakultät für Naturwissenschaften vom xx.xx.2019 sowie der Fakultät für Medizin vom xx.xx.2019 und des Beschlusses durch den Senat der Otto-von-Guericke-Universität Magdeburg vom xx.xx.2019.

Magdeburg, den

Prof. Dr.-Ing. Jens Strackeljan
Rektor
der Otto-von-Guericke-Universität Magdeburg