Curricular structure Master Neuroscience

1st semester	**P1 Fundamentals in Neuroscience I** 6 ECTS credits, L/T	**P2 Systems Neuro-science I** 3 ECTS credits, L/ C	**P3 Research Project I** 6 ECTS credits, R/S	**P4 Methods in Neuroscience** 6 ECTS credits, E/L	
	WP1 Basics in Systemic, Cellular and Molecular Neuroscience 3 ECTS credits, E/ L	**WP4 Theoretical Bio-physics and Cellular Physiology** 3 ECTS credits, L/E	**WP5 The Neural Code** 3 ECTS credits, L/E	**WP2 Advanced Systemic, Cellular and Molecular Neuroscience** 6 ECTS credits, L/E	**WP3 Basics in Compu-tational Neuroscience** 3 ECTS credits, L
2nd semester	**P5 Fundamentals in Neuroscience II** 6 ECTS credits, L/T	**P6/1 Neurophilosophy** 3 ECTS credits, L	**P7 Research Project** 6 ECTS credits, R	**WP9 Systems Neuroscience II** 3 ECTS credits, L/C	**WP10 Biomedical Neuroscience** 3 ECTS credits, L/S
	WP6 Special Methods in Systemic, Cellular and Molecular Neuroscience for Experts 12 ECTS credits, L/S/E		**WP7 Machine Learning and Analysis of Neural Data** 9 ECTS credits, L/E		**WP8 Mathematical Mo-dels of Neural Systems and Cognitive Functions** 3 ECTS credits, L/E
3rd semester	**P6/II Neurophilosophy** 6 ECTS credits, S	**P8 Lab Rotation** 3 ECTS credits, R/S	**P9 Research Project III** 6 ECTS credits, R	**P10 Teaching and Training** 3 ECTS credits, T/W	**WP11-22 Interdisciplinary and Advanced Topics in Neuroscience** 12 ECTS credits, L/S/E
4th semester	**P11 Special Topics in Neurosciences** 3 ECTS credits, C/S	**P12 Final Module: Master thesis and Disputation** 27 ECTS credits, R			
Color coding:	Required joint courses P (number)	Elective joint courses WP (number)	Abbreviations - Type of courses Colloquium, Disputation, Lecture, Excercise, Research, Seminar, Tutorial, Workshop		
	Elective courses SMC-Track WP (number)	Elective courses CNS-Track WP (number)			