

Module Name Tutorial Neuroscience						
Type of Module ○ Basic Module				Module Code Neuroscience Tutorial		
Identification Number MN-B-N 3	Workload 180 h	Credit Points 6 CP	Term 1 st term of studying	Offered Every Winter term	Start Winter term only	Duration 1 term
1	Course Types Tutorial		Contact Time 60 h		Private Study 120 h	
2	Module Objectives and Skills to be Acquired Students who successfully completed this module <ul style="list-style-type: none"> • filled gaps in the previous knowledge of approaches in neuroscience. • acquired a broad spectrum of knowledge in neuroscience methods, theory and data evaluation. • learned how to critically read and discuss papers in the neurosciences. 					
3	Module Content <ul style="list-style-type: none"> • Electrophysiological techniques • Cellular neurophysiology • Imaging techniques • Microscopy • Methods in the computational neurosciences • Statistics • How to prepare a Poster 					
4	Teaching Methods <ul style="list-style-type: none"> • Interactive tutorials; Introduction to techniques on devices; Training on presentation techniques 					
5	Prerequisites (for the Module) Enrollment in the Master’s degree course “Master of Science in Neuroscience” or in the Master’s degree course “Experimental and Clinical Neuroscience”; Simultaneous participation in the lecture module Neuroscience and in the seminar module Neuroscience					
6	Type of Examination Oral presentation (100 % of the total module mark)					
7	Credits Awarded Regular and active participation; Oral presentation at least “sufficient”					
8	Compatibility with other Curricula* Optional compulsory module in the Master’s degree course “Experimental and Clinical Neuroscience”					

9	Proportion of Final Grade 7.5 %
10	Module Coordinator Prof. Dr. Henrike Scholz, phone 470 3121, e-mail: henrike.scholz@uni-koeln.de
11	Further Information Participating faculty: Prof. Dr. S. van Albada, Prof. Dr. A. Büschges, Prof. Dr. H. Endopols, Prof. Dr. K. Ito, Prof. Dr. P. Kloppenburg, Prof. Dr. M. Nawrot, Dr. Rostami, Dr. T. Riemensperger, Dr. M. Gruhn, Dr. T Bockemühl; Prof. Dr. H. Scholz Literature: <ul style="list-style-type: none">Information about textbooks and other reading material will be given on the ILIAS representation of the course (see https://www.ilias.uni-koeln.de/ilias/goto_uk_cat_2815610.html) General time schedule: Weeks 1-14: Tutorials and oral presentations (starting at 1:00 p.m. at different dates, more details will be given in the introduction to the module). Introduction to the module: October 12.10.2023 at 1:00 p.m. Tuesdays and Thursdays (for further information see ILIAS course).