

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. A. Büschges, Prof. Dr. H. Endopols, Prof. Dr. K. Ito, Prof. Dr. P. Kloppenburg, Prof. Dr. M. Nawrot, Dr. T. Riemensperger, Dr. M. Gruhn, Dr. R. Shimoura, Dr. A. Kurth, 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. until 6:00 p.m. Tuesdays and Thursdays, more details will be given in the introduction to the module). Introduction to the module: October Tuesday, 15.10.2024 at 1:00 p.m. room 2.009 (for further information see ILIAS course).