

Essentials in Neuroscience - Seminars					
Identification number	Workload	Credit points	Term of studying	Frequency of occurrence	Duration
MN-B-N 2	180 h	6 CP	1 st or higher term of studying	Winter term	15 weeks
1	Type of lessons Seminar/Tutorial		Contact times 52 h	Self-study times 128 h	Intended group size* 24
2	Aims of the module and acquired skills Students who successfully completed this module ... <ul style="list-style-type: none"> • have acquired an understanding of important techniques used in the neurosciences. • are able to critically read, interpret and discuss research papers in the neurosciences. • have learned how to present a research paper in oral form on a demanding level. 				
3	Contents of the module <ul style="list-style-type: none"> • Seminar on research papers that cover a broad spectrum of topics, from neurogenetics, electrophysiology, neuroanatomy, development, neuromodulation, motor control and computational neuroscience • Tutorial on methods in the neurosciences 				
4	Teaching/Learning methods <ul style="list-style-type: none"> • Seminar; Tutorial; Training on presentation techniques in oral form 				
5	Requirements for participation Enrollment in the Master´s degree course "Biological Sciences" or in the Master´s degree course "Experimental and Clinical Neuroscience"; Simultaneous participation in the lecture module "Essentials in Neuroscience - Lectures"				
6	Type of module examinations Oral presentation (100 % of the total module mark)				
7	Requisites for the allocation of credits Regular and active participation; Oral presentation at least "sufficient"				
8	Compatibility with other Curricula* Elective module in the Master´s degree course "Experimental and Clinical Neuroscience"				
9	Significance of the module mark for the overall grade In the Master´s degree course "Biological Sciences": 7.5 % of the overall grade				
10	Module coordinator PD Dr. Joachim Schmid, phone 470 6135, e-mail: joachim.schmidt@uni-koeln.de				

11	<p>Additional information</p> <p>Participating faculty: Prof. Dr. S. van Albada, PD Dr. B. Altenhein, Prof. Dr. A. Büschges, Prof. Dr. S. Daun, Prof. Dr. H. Endepols, Dr. M. Gruhn, Prof. Dr. K. Ito, Prof. Dr. P. Kloppenburg, Prof. Dr. T. Korotkova, Prof. Dr. M. Nawrot, Prof. Dr. R.Predel, Dr. T. Riemensperger, Dr. V. Rostami, PD Dr. J. Schmidt</p> <p>Literature:</p> <ul style="list-style-type: none">• Information about textbooks and other reading material will be given on the ILIAS representation of the course (https://www.ilias.uni-koeln.de/ilias/goto_uk_crs_3516845.html) <p>General time schedule: Weeks 1-14 (Mon.-Fri.): Seminars/tutorials and oral presentations (starting at 2:00 p.m. at different dates, more details will be given in the introduction to the module).</p> <p>Introduction to the module: November 04, 2021 at 2:00 p.m., online (further information/link will be sent to your Smail-Account); for preparation to the module before this introduction see ILIAS link under literature.</p>
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*18 students from the Master's degree course "Biological Sciences" and 6 students from the Master's degree course "Experimental and Clinical Neuroscience"