

Course Title: Neuroethics				
Identification number	Workload	Credits	Frequency of occurrence	Duration
M-Neuro-AM8 a-e	180h	6	WS	One semester
1	Type of lessons a) Lecture b) Practice (optional) c) Block seminar	Contact times a) 24h b) 24h c) 10h	Self-study times 122h (preparation and follow-up of lectures and class discussions, exam essay)	Intended group size a) Ca. 30 students b) Ca. 30 students /supervisor c) Ca. 30 students
2	Aims of the module and acquired skills By the end of this module students will be able to <ul style="list-style-type: none"> • identify and formulate ethical questions in the neurosciences • select and integrate relevant information and scholarly analyses in the field of neuroethics • evaluate ethical arguments and their presuppositions • communicate with peers and the general public on neuroethical challenges 			
3	Contents of the module <ul style="list-style-type: none"> • What is this thing called ethics? • Predictive testing for incurable neurodegenerative diseases • Neuroenhancement • Mind-body problem • Free will and the neuroscience of ethics • Clinical neuroethics • Research ethics in the neurosciences • Brain death and disorders of consciousness • Neuroexistentialism 			
4	Teaching/Learning Methods <ul style="list-style-type: none"> • Preparatory readings • Lectures • Class discussions 			
5	Requirements for Participation Enrollment in the Master's degree course "Experimental and Clinical Neurosciences" at the University of Cologne			
6	Type of module examination Neuroethics essay (2000 words)			

7	<p>Requirement for the allocation of credits</p> <p>Active participation in the course, passing grade in the essay</p>
8	<p>Compatibility with other Curricula</p> <p>None</p>
9	<p>Significance of the module mark for the overall grade</p> <p>In the Master's degree course "Experimental and Clinical Neurosciences": 6 % of the overall grade (see also appendix of the examination regulations)</p>
10	<p>Module coordinator:</p> <p>Dr. med. Christian Hick, M.A., Institut für Geschichte und Ethik der Medizin, Universität zu Köln.</p> <p>christian.hick@uni-koeln.de</p>
11	<p>Additional Information</p> <p>All texts for the preparatory readings will be provided via the ILIAS System</p> <p>Literature:</p> <p>Farah MJ. Neuroethics: The Ethical, Legal, and Societal Impact of Neuroscience. <i>Annu. Rev. Psychol</i> 63:571–91 (2012) [Overview by one of the pioneers of the field].</p> <p>Racine E et al. Can neuroscience contribute to practical ethics? A critical review and discussion of the methodological and translational challenges of the neuroscience of ethics. <i>Bioethics</i> 31 (5) 328–337 (2017) [Comprehensive analysis of the impact of neuroscientific discoveries on human agency].</p> <p>Johnson LSM, Rommelfanger KS. <i>The Routledge Handbook of Neuroethics</i>, New York and London (2018) [Most recent overview of the field with some outlooks on newer topics e.g. neurodiversity, animal minds].</p>