

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

7	<p><b>Requirement for the allocation of credits</b></p> <p>Active participation in the course, passing grade in the essay</p>
8	<p><b>Compatibility with other Curricula</b></p> <p>None</p>
9	<p><b>Significance of the module mark for the overall grade</b></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><b>Module coordinator:</b></p> <p>Dr. med. Christian Hick, M.A., Institut für Geschichte und Ethik der Medizin, Universität zu Köln.</p> <p><a href="mailto:christian.hick@uni-koeln.de">christian.hick@uni-koeln.de</a></p>
11	<p><b>Additional Information</b></p> <p>All texts for the preparatory readings will be provided via the ILIAS System</p> <p><b>Literature:</b></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>