



Faculty of Medicine in Rijeka

Curriculum 2021/2022

For course

Brain and Mind: Foundations of Neurophilosophy

Study program: Medical Studies in English (R) (elective)

University integrated undergraduate and graduate study

Department: Department of Humanities and Social Sciences in Medicine

Course coordinator: izv. prof. dr. sc. Horvat Saša

Year of study: 2 ECTS: 1.5

Incentive ECTS: 0 (0.00%)

Foreign language: **No**

Course information:

Introduce students to the foundations of neurophilosophy - a new scientific discipline that integrates the knowledge of philosophy and neuroscience, in order to better understand the relationship of mind, brain, body and environment.

List of assigned reading:

Presentations for the lectures

Michael Jungert, "Neurophilosophy or Philosophy of Neuroscience? What Neuroscience and Philosophy Can and Cannot Do for Each Other", in: Jon Leefmann – Elisabeth Hildt (ed.), *The Human Sciences after the Decade of the Brain*, London, 2017., 3-13. https://doi.org/10.1016/B978-0-12-804205-2.00001-X,

 $\underline{\text{https://www.researchgate.net/publication/312525666_Neurophilosophy_or_Philosophy_of_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_what_Neuroscience_and_Philosophy_or_Neuroscience_and_philosophy_or_Neuroscience_and_$

Juan José Sanguineti, "Trends in Philosophy of Mind and in Philosophy of Neuroscience", in: Pascual Ángel Gargiulo - Humberto Luis Mesones-Arroyo (eds.), *Psychiatry and Neuroscience Update. Bridging the Divide*, Springer, 2015, 23-37. https://doi.org/10.1007/978-3-319-17103-6

https://www.academia.edu/17779735/Trends in Philosophy of Mind and Philosophy of Neuroscience

Boris Kotchoubey et all, "Methodological Problems on the Way to Integrative Human Neuroscience", in: *Front. Integr. Neurosci.*, 29 November 2016, 1-19., https://doi.org/10.3389/fnint.2016.00041

Georg Northoff, "Brain and Self – A neurophilosophical account", in: *Child and Adolescent Psychiatry and Mental Health*, 2013, 7(1):28, 1-12, https://doi.org/10.1186/1753-2000-7-28

Michael Schaefer - Georg Northoff, "Who Am I: The Conscious and the Unconscious Self", Front. Hum. Neurosci., 17 March 2017, 1-5, https://doi.org/10.3389/fnhum.2017.00126

Ned Block, "Comparing the major theories of consciousness", u: Michael S. Gazzaniga et all, (eds.), *The cognitive neurosciences*, MIT, 2009, 1111-1122;

https://www.nyu.edu/gsas/dept/philo/faculty/block/papers/Theories_of_Consciousness.pdf

All required literature as well as presentations will be available to students.

List of optional reading:

Shaun Gallagher, "Neurophilosophy and neurophenomenology", in: L. Embree and T. Nenon (eds.), *Phenomenology* 2005, 5, Bucharest, 293-316.https://www.academia.edu/2363426/Gallagher_S_2007_Neurophilosophy_and_neurophenomenology

Wayne Wu, "The Neuroscience of Consciousness", *The Stanford Encyclopedia of Philosophy* (Winter 2018 Edition), Edward N. Zalta (ed.), https://plato.stanford.edu/archives/win2018/entries/consciousness-neuroscience

Morten Overgaard, "The Status and Future of Consciousness Research", in: *Front. Psychol.*, 10 October 2017 | https://doi.org/10.3389/fpsyg.2017.01719

Navot Naor - Aaron Ben-Ze'ev - Hadas Okon-Singer, "The modern search for the Holy Grail: is neuroscience a solution?", *Front. Hum. Neurosci.*, 04 June 2014 | https://doi.org/10.3389/fnhum.2014.00388

Kai Vogeley - Shaun Gallagher, "The self in the brain", in: Shaun Gallagher (ed.), *The Oxford Handbook of the Self*, Oxford, 2011, 111-136., https://www.academia.edu/20554600/Vogeley K and Gallagher S 2011 The self in the brain

Curriculum:

Student obligations:

Regular attendance, written seminar paper and final written examination.

Exam (exam taking,	description	of the	written/oral/praction	cal part o	f the exam,	point
distrib	ution, grading	a criteria):					

Assessment is carried out in accordance with the Rules of Assessment of the Faculty of Medicine, University of Rijeka: course attendance 54 (%) - number of attendances; written seminar paper 16 (%) - formal design, content, originality, literature used; final written exam 30 (%) - factual knowledge, understanding.

Other notes (related to the course) important for students:					
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COURSE HOURS 2021/2022					
Brain and Mind: Foundations of Neurophilosophy					
List of lectures, seminars and practicals:					
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EXAM DATES (final exam):					
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