LEARNING MODULE DESCRIPTION

GENERAL INFORMATION

1. Module title: Naturalistic Epistemologies
2. Module code: 22-PIE-NEP
3. Term: Summer Semester
4. Duration: 30 hours
5. ECTS: 5
6. Module lecturer: Joanna K. Malinowska
7. E-mail: malinowska@amu.edu.pl
8. Language: English

DETAILED INFORMATION

1. Module aim (aims)

   After the module, a student:
   - is familiarized with the main aims, objects and methods of naturalistic epistemologies
   - is able to reconstruct and analyse the history of development of naturalistic epistemologies
   - possesses the ability to understand and interpret source literature on naturalised epistemology
   - is able to analyse and compare the most important papers about epistemological naturalism
   - has improved her/his intercultural communication skills

2. Pre-requisites in terms of knowledge, skills and social competences (where relevant):

   No prior knowledge of philosophy of medicine or applied bioethics is required.

READING LIST
(obligatory and additional readings)

1. Apostel L. (1987).EvolutionaryEpistemology,GeneticEpistemology,HistoryandNeu- rology, [w:] *Evolutionary Epistemology. A Multiparadigm Program* (*Synthese Library*, vol. 190). Dordrecht: D. Reidel Publishing Company, s. 311–323.
2. Baltes P., Reuter-Lorenz P., Rosler F. (2006).*LifespanDevelopmentandtheBrain*. Cambridge: Cambridge University Press.
3. BARTLEY III, W. W. (1982). Philosophy of biology versus philosophy of physics. *Fundamenta Scientiae Strasbourg*, *3*(1), 55-78.
4. Bo n J o u r L . (1998). *In Defence of Pure Reason: Rationalist Account of A Priori Justification*. Cambridge: Cambridge University Press.
5. Bradie M. (1989). *EvolutionaryEpistemologyasNaturalizedEpistemology*,[w:]*IssuesinEvo- lutionary Epistemology*, K. Hahlweg and C. A. Hooker (Red.), Albany, New York: SUNY Press, s. 393–412.
6. Campbell D. T. (1997). From evolutionary epistemology via selection theory to a sociology of scientific validity, [w:] *Evolution and Cognition* (3/1–2), s. 5–38.
7. Campbell D. T. (1988). *Methodology and Epistemology for Social Science*. Chicago: University of Chicago Press.
8. Campbell D. T. (1987a). Evolutionary Epistemology, [w:] *Evolutionary Epistemology, Ratio- nality, and the Sociology of Knowledge*. (Red.) Radnitzky G., Bartley W.W.III, La Salle: Open Court, s. 47–90.
9. Campbell D. T. (1974b). Downward Causation» in Hierarchically Organised Biological Systems, [w:] *Studies in the Philosophy of Biology*. Macmilian Education UK, s. 179–186.
10. Carnap, R. (1932). The elimination of metaphysics through logical analysis of language.
11. Chiao J. Y i inni. (2010). Theory and methods in cultural neuroscience. *Social Cognitive & Affective Neuroscience* (5/2–3), s. 356–361.

12. Chisholm R. (1982).*TheFoundationsodKnowing*.Minnesota:UniversityofMinnesota Press.
13. Churchland P. S. (1987). Epistemology in the Age of Neuroscience. *The Journal of Philo- sophy* (84/10), s. 544–553.
14. D a n t o A . (1967). Naturalism, [w:] *The Encyclopedia of Philosophy*. New York: The Macmillan Co. and The Free Press, s. 448–450.
15. G o l d m a n A . (1993). Epistemic Folkways and Scientific Epistemology. *Philosophical Issues*
16. (3), s. 271–285.
17. Goldman A. (1979). What is Justefied Belief? [w:] *Justification and Knowledge.* Springer Nether- lands, s. 1–23.
18. Haack S. (1995).*EvidenceandInquiry.TowardsReconstructioninEpistemology.*Oxford,Cam- bridge: Blackwell.
19. Hull D. (1988). *Science as a Process: An Evolutionary Account of the Social and Conceptual Deve- lopment of Science*. Chichago: University of Chicago Press.
20. Selby-Bigge, L. A., & David, H. (1964). *A Treatise of Human Nature by David Hume*.
21. Huxley J. (1975). *Evolution: The Modern Synthesis.* New York: Hafner Press.
22. Kim, J. (1988). What Is „Naturalized Epistemology"? *Philosophical Perspectives* (2) Ridgeview
23. Knowles J. (2002). Naturalised Epistemology Without Norms. *Croatian Journal of Philo-*
24. *sophy* (2/6), s. 281–295.
25. L o r e n z K . (2009). Kant's Doctrine Of The A Priori In The Light Of Contemporary Bio- logy, [w:] *Philosophy after Darwin: Classic and Contemporary Readings.* Princeton: Princeton University Press, s. 231–247.
26. Papineau, D. (2015). Naturalism. *The Stanford Encyclopedia of Philosophy*, www.plato.stan- ford.edu/cgi-bin/encyclopedia/archinfo.cgi?entry=naturalism, dostęp dnia: 25.03.2016.
27. Pappas, G. (2014). Internalist vs. Externalist Conceptions of Epistemic Justification, *The Stanford Encyclopedia of Philosophy*, www.plato.stanford.edu/archives/
28. Pollock J. L. (1987). Epistemic norms. *Synthese* (71/1), s. 61–95.
29. Popper, K. (2005). *The logic of scientific discovery*. Routledge.
30. Quine W. O. (1977). Facts of the matter. *Southwestern Journal of Philosophy* (9/2), s. 155–169.
31. Quine W. O. (1970). *The Web of Belief*. New York: Random House.
32. Quine W. O. (1951). Two Dogmas of Empiricism. *The Philosophical Review* (60), s. 20–43.
33. R u s e M . (2005). *The Darwinian Paradigm. Esseys on its History, Philosophy and Religious Impli- cations*. Taylor & Francis e-Library.

SYLLABUS:

Week 1: Introduction
Week 2: Historical background for the development of normalized epistemology
Week 3: Typology of naturalism
Week 4: Meta-subject and subject issues in naturalised epistemology
Week 5: Physicalist trend in naturalized epistemology
Week 6: Meta-subject issues in the physicalistic naturalized epistemology
Week 7: Selected subject problems in the physicalist naturalized epistemology
Week 8: Evolutionist trend in naturalised epistemology
Week 9: Evolutionary epistemology as a research program
Week 10:Meta-subject issues in the evolutionary epistemology
Week 10:Meta-subject issues in the evolutionary epistemology 2
Week 12: Selected subject problems in the evolucionist naturalized epistemology
Week 13: Biological and cultural co-constructivism
as an interdisciplinary continuation of the program
evolutionary epistemology
Week 14: Limits of the naturalization of epistemology
Week 15: Summary and the closing discussion