

Eight Lectures on Philosophy of Science (ELPS)

Laajuus: 3 ECTS (Exceptions: Turku School of Economics: 4 ECTS, five reaction texts and one mini-essay are required)

Oppiaine: UTUGS/Philosophy

Vastuhenkilö: Marko Ahteensuu (mataah@utu.fi)

Opettajat: Several lecturers (Docent Marko Ahteensuu, PhD Tapio Korte, PhD Arto Repo, Prof. Kaisa Herne (UTA), Prof. Emeritus Hannu Nurmi, Docent Valtteri Viljanen and Prof. Eerik Lagerspetz)

Tavoitteet: Familiarise doctoral candidates with basic concepts, theories and questions of general philosophy of science and provide them with tools to think systematically about philosophical issues related to science in general and their own research topic in particular.

Sisältö: Selection of issues in philosophy of science with practical orientation (The Problem of Demarcation; Scientific Method and Rationality of Science; Scientific Explanation; Frequentist and Bayesian Interpretations of Probability; Scientific Progress and Rational Choice Theory; Methodology of Causality in Social Sciences; Explanation and Understanding in Social Sciences and Humanities; Social Ontology).

Toteutustavat: 24hrs of lectures in English + written assignments in English or Finnish (i.e. six reaction texts are required)

Opetuksen ajankohta ja paikka: Autumn 2016 (starting on Tuesday 11.10. and continuing until Tuesday 13.12. [not on 1.11., nor on 6.12.]. Lectures are three hours each at 16-19 with one 15 minutes pause.)

- Tue 11.10.2016 at 16:15 - 18:45, Pub5
- Tue 18.10.2016 at 16:15 - 18:45, Pub5
- Tue 25.10.2016 at 16:15 - 18:45, Pub5
- Tue 08.11.2016 at 16:15 - 18:45, Pub5
- Tue 15.11.2016 at 16:15 - 18:45, Pub4
- Tue 22.11.2016 at 16:15 - 18:45, Pub4
- Tue 29.11.2016 at 16:15 - 18:45, Pub4
- Tue 13.12.2016 at 16:15 - 18:45, Pub4

Vaadittavat opintosuoritukset: No previous studies in philosophy (of science) required. The course is part of doctoral training of University of Turku (obligatory course for PhD Candidates in the Faculty of Social Sciences; part of a larger study unit for PhD Candidates at TUKKK; the course was arranged last time in spring 2015)

Arviointi: Pass/Fail

Kirjallisuus/Oppimateriaali: Pre-readings (pertaining to specific topics) before each lecture & optional and supporting course reading: Gimpel S (ed.) (2011) *Exploring the Scientific Method: Cases and Questions*. University of Chicago Press, Chicago.