

EIGHT LECTURES ON PHILOSOPHY OF SCIENCE

Credits: 3 cr

Level: Doctoral studies

Description: Selection of issues in epistemology, argumentation theory, and the general philosophy of science with practical orientation.

Requirements: 16hrs of lectures & essay

Time/Place: Tuesdays at 16.15-17.45 (2hrs) o'clock from 13.3.2012 onwards (except on 1.5.), lecture hall Pub4

Lectures:

1. Introduction (DSocSc Marko Ahteensuu, Research Fellow, Public Choice Research Centre & PhD Timo Kajamies, Assistant, Department of Behavioural Sciences and Philosophy)
2. Knowledge and Scepticism in Science and Philosophy (Timo Kajamies)
3. Rational Argumentation and Scientific Dialogue (PhD Juho Ritola, Research Fellow, Department of Behavioural Sciences and Philosophy)
4. Scientific Method and Rationality of Science (PhD Tapio Korte, Research Fellow, Department of Behavioural Sciences and Philosophy)
5. Scientific Explanation (PhD Arto Repo, Research Fellow, Department of Behavioural Sciences and Philosophy)
6. Probability: Frequentist and Bayesian Interpretations (Marko Ahteensuu)
7. Methodology of Causality in Social Sciences (DSocSc Hannu Nurmi, Professor, Department of Political Science and Contemporary History)
8. Explanation and Understanding in Social Sciences and Humanities (PhD Valteri Viljanen, Postdoctoral Fellow, Department of Behavioural Sciences and Philosophy)

Readings: 1. lecture

Grading: 0-5

Registration: by email: timo.kajamies@utu.fi by 13.3.2012

Responsible Lecturers: Marko Ahteensuu & Timo Kajamies