The Faculty of Psychology
PhD obligatory course in the design and conduct of research 2010

Reading list

Philosophy of the sciences

Midtgarden's lecture will presuppose reading of:


Strand's teaching will presuppose reading of:

Merton, Robert K., *The Normative Structure of Science*, in: The Sociology of Science: Theoretical and Empirical Investigations, 167-178. The University of Chicago Press. (This has also been published under a number of other titles; it is his classic recurrent theme of the Ethos of Science). (This article will be sent to course participants)

And:

The National Guidelines for Research Ethics in Science and Technology, see: http://www.etikkom.no/no/Forskningsetikk/Etiske-retningslinjer/

(English pages: http://www.etikkom.no/en/In-English/)

In case of problems, please contact SVT, roger.strand@svt.uib.no.

"Vitenskapsteori" - "theory of science" - is a broader category than "philosophy of science", and the course is in vitenskapsteori rather than only philosophy of science.

(a) For those who wish to focus on philosophy of science, we recommend either of the following readings:


or:


(b) For those who wish to focus on the current interface between science, politics and society, we recommend the following reading:

(c) For those with their main interest in natural science research traditions, and who wish to focus on the history of science, we recommend

Shapin, Steven, *Den vitenskapelige revolusjon* (Spartacus, 1999)

(d) For those who have other main interests, please contact SVT, roger.strand@svt.uib.no for advice on readings.

**Recommended reading for repetition of ex. phil. curriculum / background level of knowledge for those who lack ex. phil.**


or


or

Chalmers, A. F. *What is this thing called science?* Buckingham: Open University Press, 1999. (exists in other editions and languages, including Swedish).

**Additional readings in philosophy of the sciences will be suggested individually to the participants, tailored to their specific interests and needs. All participants are welcome to consult the lecturers before, during or after the course.**

**Ethics**


(In Norwegian: [http://etikkom.no/no/Forskningsetikk/Etiske-retningslinjer/Medisin-og-helse/Helsinki-deklarasjonen/](http://etikkom.no/no/Forskningsetikk/Etiske-retningslinjer/Medisin-og-helse/Helsinki-deklarasjonen/))


Dissemination


Optional reading list:


Planning of research


Methodology

Quantitative methods:


K. Hugdahl, *Design of Experiments in Psychology,* Sigma Forlag 1988. (This article will be sent to course participants)


Optional reading list:


**Qualitative methods:**

**Mandatory reading list:**


**Optional reading list:**

Camic, P.M., Rhodes, J.E., Yardley, L. *Qualitative Research in Psychology: Expanding Perspectives in Methodology and Design*. Washington, DC: American Psychological Association, 2004. (297 s.)


**Research design, mixed methods**

**Optional:**

Tones, K. Beyond the randomized controlled trial: A case for judicial review. *Health Education Research, 12*(2), 161.


