



Philosophy of Science for Behavioural Scientists and Engineers, 10 hp

<b>Kursnamn</b>	Philosophy of Science for Behavioural Scientists and Engineers
<b>Fördjupning</b>	Doctoral studies
<b>Nivå</b>	Doctoral studies
<b>Kurskod</b>	?????????
<b>Högskolepoäng</b>	10 hp
<b>Huvudområde</b>	Environmental psychology/Indoor climate/Energy systems
<b>Utbildningsområde</b>	Natural sciences
<b>Mål</b>	<p>When finalizing the course, the student should have reached to following goals</p> <p>Knowledge and comprehension</p> <ul style="list-style-type: none"><li>- Identify and compare perspectives on philosophy of science</li><li>- Describe the meaning of concepts central to philosophy of science</li><li>- Identify and describe ontological perspectives</li><li>- Identify and describe epistemological perspectives</li><li>- Identify problems related to research ethics</li></ul> <p>Skills and abilities</p> <ul style="list-style-type: none"><li>- Discuss central issues in philosophy of science</li><li>- Discuss problems related to research ethics</li></ul> <p>Values and perspectives</p> <ul style="list-style-type: none"><li>- Evaluate ontological and epistemological views within a specific research area</li><li>- Evaluate perspective on philosophy of science</li><li>- Evaluate problems related to research ethics</li></ul>
<b>Kursens innehåll</b>	<p>Central concepts in philosophy of science (determinism, induction, deduction, paradigm, etc.)</p> <p>Ontological perspectives – idealism, materialism and related perspectives</p> <p>Epistemological perspectives – empiricism, rationalism and related perspectives</p> <p>Perspectives on philosophy of science – logical positivism, hermeneutics and related perspectives</p> <p>Research ethics</p>
<b>Undervisning</b>	Lectures and seminars
<b>Examination</b>	0010 Written exam 10 hp
<b>Förkunskaper</b>	Masters degree or comparable
<b>Betyg</b>	Pass or Fail

**Kurslitteratur**

Bem, S., & De Jong, H. L. (2005). Theoretical issues in psychology: An introduction. Sage Publications Ltd.

Chalmers, A. F. (1999). What is this thing called science? An assessment of the nature and status of science and its methods. Open University Press.

Kuhn, T. S. (1996). The structure of scientific revolutions. University of Chicago Press.

Rosenberg, A. (2011). Philosophy of science: A contemporary introduction. Routledge.

Russel, B. (1999). The problems of philosophy. Dover Publications.

Recommended reading:

Von Wright, G. H. (1993). Logik, filosofi och språk – strömningar och gestalter i modern filosofi. Bokförlaget Nya Doxa.

**Miljömärkning**

N/A