

# BK3 Theory of natural science

## Om kurset

uddannelse	Den naturvidenskabelige bacheloruddannelse / Den Internationale Naturvidenskabelige Bacheloruddannelse
Hjemmeside	file:///C:/Users/CHLE/Downloads/010214_natbach_sto%20(4).pdf
Kurstype	Obligatorisk kursus
Undervisningssprog	English
Tilmelding	Through STADS selfservice from 1st June to 15th June : <a href="#">Link to STADS selfservice</a> Questions regarding registration can be directed to Mona Vølcker-Hansen, monavh@ruc.dk, phone 4674-2393
Kursus starter	01-09-2014
Kursus slutter	14-10-2014
Undervisningstidspunkt	<b>lecture</b> Tuesday 8.30-10.30 <b>class</b> Friday 13.00-15.00
Undervisningssted	<b>lecture</b> Room II in building 27.1 <b>class</b> Room II in building 27.1
formål	§18 (9) CURRICULUM FOR THE BACHELOR STUDY PROGRAMME IN NATURAL SCIENCES The objectives of the course are to develop students' knowledge and understanding of: • aspects of the natural sciences seen from the perspective of the theory of science, • philosophical, historical, didactical and ethical aspects of natural science, as well as students' skills to • select and apply relevant literature, including literature on the theory of science and original science literature, • describe a science area or problem in a way that allows its analysis and reflection in the context of the theory of science, and • to present his/her investigations of and reflections on natural science and its role and function in education, research and application.
Indhold	The main structure of the course is study and analysis of a number of themes from philosophy and science studies with corresponding cases. The content includes traditional positions within philosophy of science, such as logical positivism, Kuhn's theory of scientific revolutions and Popper's falsificationism, as well as core notions such as pseudo science, empirism, realism, objectivity, truth, reality and ethics.
Undervisningsform	Lectures, plenary discussions, group work and reports.
bedømmelseskriterier	According to the course teacher: At the assessment of the fulfillment of the objective, the focus is on 1. active and committed participation 2. analytical skills 3. ability to see the natural sciences from a philosophical and science studies perspective.
Eksamensform	Six approved group reports (no opportunity for delivering again) as well as a final individual multiple-choice-test
Reksamensform	Multiple-choice-test
Eksamenstidspunkt	Examen: 15.10.14 10.45-14.00 plenum 14.1 + 14.2
reksamenstidspunkt	Re-examen: 12.11.14 10.45-12.45 Plenum 14.2
Undervisningsevalueringsform	All courses include formative evaluation during the course based on dialogue between the students and the teacher(s). All courses are also evaluated through a questionnaire in SurveyXact and oral

evaluation at the end of the course. The Study Board will handle all evaluations along with any comments from the course responsible teacher.

undervisningsmaterialer

To be announced.

Maksimum antal deltagere

No max

Aktivitetsansvarlig

Søren Laurentius Nielsen ( nielsen@ruc.dk )  
Torben Braüner ( torben@ruc.dk )  
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Kursussekretær

Mona Vølcker-Hansen ( monavh@ruc.dk )

Underviser

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STADS bachelor

stamdata

belastning : 5 ECTS  
prøveform : skriftlig

aktivitetskode : U24762

bedømmelse : Bestået/ikke bestå

censur : Intern censur