BK3 Theory of natural science (NIB-B-2016)

Om kurset

subject	Den internationale naturvidenskabelige bacheloruddannelse
Activity type	Basic course
Teaching language	English
Registration	Please register via stads-self-service within the registration period announced here: https://intra.ruc.dk/en/students/student-hub/student-hub-find-the-answers-to-your-administrative-questions/ Tilmelding via stads selvbetjening Indenfor den annonceret tilmeldingsperiode, som du kan se her: https://intra.ruc.dk/dk/for-studerende/student-hub/studieadministration/
Objectives description (assessment criteria)	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 an analysis of and reflection on the area/problem within in the context of the theory of science ● to present his/her investigations of and reflections on natural science and its role and function in education, research and application.
Overall content	the main structure of the course is the 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, empiricism, realism, objectivity, truth, reality and ethics.
Teaching and working methods	Lectures as well as group work on reports for the cases
Course material and Reading list	A collection of texts available on Moodle.
Prerequisite for taking the exam	at the assessment of the fulfillment of the objective, the focus is on 1. active end commited participation 2. analytical skills 3. ability to see the natural sciences from a philosophical and science studies perspective. And six group assignments submitted on time and approved. It's possible to submit group assignments again, however that will include an extra exercise to be answered.
Form of examination	written exam
Form of re-examination	Information regarding the re-exam will be up on moodle as we get closer to the date
Examination type	Individual examination
Assessment	Pass / No pass
Moderation	Internal (i.e. course lecturer and an internal examiner assess)
Evaluation- and feedback forms	there will be feedback on the assignments which are set during the course. an electronic evaluation will take place at the end of the course
Responsible for the activity	Morten Blomhøj (blomhoej@ruc.dk) Martin Niss (maniss@ruc.dk)

	Torben Braüner (torben@ruc.dk) Hans Ramløv (hr@ruc.dk)
teacher	Martin Niss (maniss@ruc.dk) Torben Braüner (torben@ruc.dk) Hans Ramløv (hr@ruc.dk)
Administration of exams	Natbach Studieadministration (natbach-studieadministration@ruc.dk)
STADS stamdata	Basiskursus belastning : 5 ECTS aktivitetskode : U24762 prøveform : skriftlig bedømmelse : Bestået/ikke bestå censur : Intern censur

kursusgange:

Hold: 1

1. session

tidspunkt	04-09-2017 10:15 til 04-09-2017 12:00
sted	15.0-003 - auditorie 15 (68)
Indhold	Please see Moodle

2. session

tidspunkt	07-09-2017 08:15 til 07-09-2017 10:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

3. session

tidspunkt	08-09-2017 10:15 til 08-09-2017 12:00
sted	15.0-003 - auditorie 15 (68)
Indhold	Please see Moodle

4. session

tidspunkt	15-09-2017 08:15 til 15-09-2017 10:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

5. session

tidspunkt	22-09-2017 15:15 til 22-09-2017 17:00
sted	11.1-047 - studiesal (40)

6. session

tidspunkt	29-09-2017 10:15 til 29-09-2017 12:00
sted	15.0-003 - auditorie 15 (68)
Indhold	Please see Moodle

7. session

tidspunkt	06-10-2017 10:15 til 06-10-2017 12:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

8. session

tidspunkt	13-10-2017 10:15 til 13-10-2017 12:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

9. session

tidspunkt	20-10-2017 10:15 til 20-10-2017 12:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

10. session

tidspunkt	27-10-2017 10:15 til 27-10-2017 12:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

11. session

tidspunkt	03-11-2017 10:15 til 03-11-2017 12:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

12. session

tidspunkt	10-11-2017 10:15 til 10-11-2017 12:00
sted	11.1-047 - studiesal (40)
Indhold	Please see Moodle

Exam

tidspunkt	17-11-2017 10:00 til 17-11-2017 12:00
sted	11.2-047 - gl. natfagsal (65)

Reexam BK3 Local 27.1-189 Teorirum 27.1

tidspunkt	29-01-2018 10:00 til 29-01-2018 12:00

STADS stamdata	Basiskursus		
	belastning : 5 ECTS	aktivitetskode : U24762	
	prøveform : skriftlig	bedømmelse : Bestået/ikke bestå	censur : Intern censur