

SLUkurs

Syllabus

PFS0089 Philosophy of science, 3.0 credits

Syllabus approved

2012-08-13

Subjects

Biology

Education cycle

Third cycle

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

PhD students, all research fields. Student from other universities (than SLU) are welcome if space available.

Objective, including learning outcomes

The course is indented to provide basic knowledge about the history of science and the development of scientific philosophy and methodology. We will examine basic

concepts such as truth, knowledge and verification and discuss different scientific methods and differences between science and pseudoscience. The course will also provide an overview of methodological differences between different scientific disciplines and how science interacts with society with discussion of how research and scientific knowledge is treated among the public and in media.

Content

The course consists of five lecture-segments and five seminars. There is also a literature-study to be completed before the second part of the course in January 2013; a referee assessment of a scientific publication of the student's choice, made with the knowledge provided during the course as a critical platform.

Requirements for examination

Participation on at least 75% of the lectures and seminars. Approved essay/referee assessment.

Additional information

Given annually, dec-jan, next opportunity planned for dec 2012/jan2013.

Responsible department

Department of Wildlife, Fish, and Environmental Studies