



DEPARTMENT OF PHILOSOPHY, LINGUISTICS AND THEORY OF SCIENCE

LOG310 History, methodology and applications of logic, 7.5 credits

Logikens historia, metodologi och tillämpningar, 7,5 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Department of Philosophy, Linguistics and Theory of Science on 2019-05-31 and was last revised on 2023-05-29 to be valid from 2023-08-28, autumn semester of 2023.

Field of education: Science 100%

Department: Department of Philosophy, Linguistics and Theory of Science

Position in the educational system

The course can be part of the following programme: 1) Logic, Master's Programme (H2LOG)

Main field of studies

Logic

Specialization

A1F, Second cycle, has second-cycle course/s as entry requirements

Entry requirements

For admission to the course successful completion of at least 7.5 credits of Logical theory (LOG110) and of Set theory (LOG120), or equivalent skills and knowledge, is required. English 6 or equivalent is also required.

Learning outcomes

On successful completion of the course the student will be able to:

Knowledge and understanding

- with some independence, in reasoning and analytical terms describe and relate to the contemporary discussion concerning one or more topics in the history, methodology and applications of logic

- relate these questions to topics that are part of the student's previous education,

Competence and skills

- critical, objective and orally discuss one or more questions, line of arguments or methods from the course literature,
- show familiarity with software, such as LaTeX, to produce slides or shorter texts to complement presentations,

Judgement and approach

- demonstrate the ability to identify the personal need for further knowledge.

Course content

One or several issues in the history, methodology or application of logic are chosen in consultation with the examiner, taking into account the student's specific prior knowledge. The student presents, with the help of beamer slides, and discusses his or her conclusions at a seminar. Obligatory attendance at other presentations ensure the breadth.

The course is designed to place considerable demands on the ability to engage with a text independently and with an open but critical attitude, as well as the ability to independently present the selected contents. The course can be seen as an opportunity to broaden and deepen earlier studies.

Form of teaching

The course is mainly conducted as self-study with elements of supervision.

Language of instruction: English

Assessment

Written and oral examination. Compulsory attendance may apply for some course components.

If a student, who has failed the same examined component twice, wishes to change examiner before the next examination, a written application shall be sent to the department responsible for the course and shall be granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

In cases where a course has been discontinued or has undergone major changes, the student shall normally be guaranteed at least three examination sessions (including the ordinary examination) during a period of at least one year from the last time the course was given.

Grades

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U).

Course evaluation

Students who are currently taking the course or have completed it will be given the opportunity to express their views and share their experiences in an anonymous course evaluation. A compilation of the course evaluation and the course coordinator's reflections on it will be made available to the students within reasonable time after the end of the course. The next time the course is taught the compilation and any measures based on it will be presented to the students.