



DEPARTMENT OF PHILOSOPHY, LINGUISTICS AND THEORY OF SCIENCE

LOG250 Philosophy of Logic, 7.5 credits

Logikens filosofi, 7,5 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Department of Philosophy, Linguistics and Theory of Science on 2022-05-23 and was last revised on 2022-12-22 to be valid from 2023-01-16, spring 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 offered as a freestanding course.

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 (LOG111) or Logic in Computer Science (DAT060 or DIT201), or the equivalent, 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

- demonstrate advanced knowledge and understanding of philosophical aspects of

formal logic, including interaction between logical systems and philosophy,

- give an account of established philosophical discussions of the fundamental concepts of logic,

Competence and skills

- formulate, present and prove formal results that are relevant to discussions in the philosophy of logic,
- analyse formal logical systems with regard to philosophical presuppositions and consequences,

Judgement and approach

- critically discuss philosophical presuppositions for, and consequences of, construction and choice of logical systems,
- critically evaluate the importance of philosophical matters for the subject area of logic.

Course content

The course covers classical and modern questions in the philosophy of logic, including metaphysics, epistemology, methodology, and normative status of logic. Examples of thematic fields that are brought up are logical constants and demarcation, logical pluralism, justification of logical principles, and different ways to understand the fundamental notion of logical consequence.

The reading list consists of both introductory texts and research articles. Course participants have the opportunity to influence parts of the course content.

Form of teaching

The teaching is given in the form of lectures, discussion seminars, and essay seminars.

Language of instruction: English

Assessment

The course is examined individually, through (a) leading of discussion seminar, (b) writing a course essay, and (c) oral presentation of the course essay.

The grading teacher may request completion of examined student achievements.

A student who has taken two exams in a course or part of a course without obtaining a pass grade is entitled to the nomination of another examiner. The student needs to contact the department for a new examiner, preferably in writing, and this should be approved by the department unless there are special reasons to the contrary (Chapter 6 Section 22 of the Higher Education Ordinance).

If a student has received a recommendation from the University of Gothenburg for special educational support, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources are required, the examiner may decide to allow the student to sit an adjusted exam or alternative form of assessment.

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, but no more than two years, after the course has ceased/been changed. As regards internships/placements, the equivalent applies, but limited to only one additional examination session.

Grades

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U). All parts in the examination (leading of a seminar, course essay and oral presentation) should be approved by examiner to get a passing grade. To receive a Pass with distinction, it is furthermore required that the final version of the course essay receives the assessment Pass with distinction.

Course evaluation

Students participating in, or having completed the course, are given the chance to anonymously submit their opinions and suggestions for the course in a course evaluation. A short version of the course evaluation, together with the reflections of the course coordinator, is published and made available to the students within a reasonable time after the course has finished. The next time the course will be given, a short version of the course evaluation will be presented together with any implemented measures.

Additional information

The course requires access to a computer (or similar) with internet access.