Philosophy of Mathematics (7.5 ECTS credits)

Level: 1st cycle
Discipline: PHILOSOPHY
Course ID: 0257

Admission requirements
General entry requirements for studies at universities. Students taking the course as a part of their Bachelor’s degree program in theology or philosophy must have successfully completed Course A, Introduction in Philosophy and Theology (30 ECTS credits). Students pursuing a Bachelor’s degree in philosophy should also have completed General Ethics (7.5 ECTS) and History of Philosophy I and II (15 ECTS). Students taking the course as a free-standing course are expected to have corresponding prior knowledge. The course is taught in English.

Educational goals

After having completed the course the students are expected to:
-- Be able to comprehensively describe the issues that are central to philosophy of mathematics, as well as the thoughts of some of the most important philosophers in this field;
-- Understand the possibilities and limitations of mathematical methods;
-- Demonstrate the ability to reflect critically on the issues of philosophy of mathematics.

Course content

One often turns to mathematics when seeking scientific certainty. However mathematical methods can be deceiving if they are used in the wrong context. What is mathematics, actually? What does it mean to count? What is a mathematical judgement? How certain is mathematics? And how can mathematics be applied to discussions of science and religion? The course addresses some of these core questions of philosophy of mathematics.

Teaching and examination

Partial distance with local instruction

Instruction consists of self-study and study questions with feedback via the Internet, and discussions on site. Examination is through weekly written assignments. An oral discussion of one of the written assignments will also be counted as part of the examination. The weekly
submissions and oral discussions will result in a grade of E or F. The course will end with a term paper of about 10 pages.

**Bibliography**


In addition, several texts will be distributed during the course.

See also "Kursplaner: allmänna bestämmelser” (Course plans: General rules)

Finalised 2016-06-07
Valid as of 2016-07-01