# Philosophy and Theory of Science for doctoral students, 4.5 university credits (for 2025 and onwards)

The course is given two times a year and runs for a period of seven weeks, during week 41–47 in the autumn and week 15–21 in the spring, respectively. Here follows a sketch of how the course is usually structured and what you might expect regarding the content. Please be aware that the order of lectures and seminars can vary.

Week 41/15

Lecture 1: Introduction to the philosophy of science.

Lecture 2: Logical positivism, Popper, Kuhn and Feyerabend.

Week 42/16

Seminar I.

Week 43/17

Seminar II: Feminist Philosophy of Science.

Seminar III: AI from a poststructuralist point of view.

Lecture 3: The Sociology of Science and Science Studies (STS) – with an Excursus on the Uses and Misuses of Science.

Week 45/19

Lecture 4: Hermeneutics and Phenomenology and the Philosophy of Science of the Health Sciences.

Week 46/20

Seminar III.

Week 47/21 [Sometimes the final seminar of the course is scheduled on Monday, week 48/22.]

Examination Seminar.

**Course literature:**

Alan Chalmers, *What is this thing called science?*, 4th ed. Maidenhead: Open University Press/McGraw-Hill Education, 2013 [1976] (282 p.).

Each teacher will also provide relevant additional articles and chapters (in printed or electronic form) to their respective moments.