HUM-417(b) **Philosophy, epistemology and history of science II**

Esfeld Michael-Andreas

Cursus	Sem.	Type
Humanities and Social Sciences	MA2	Opt.

Language of teaching	English
Credits	3
Withdrawal	Unauthorized
Session	Summer
Semester	Spring
Exam	During the semester
Workload	90h
Weeks	14
Hours	**3 weekly**
Project	3 weekly
Number of positions	**60**

Il n'est pas autorisé de se retirer de cette matière après le délai d'inscription.

Summary

The course considers central themes in the philosophy of science, such as scientific realism and the ontology of physics. Starting from the debate between Leibniz and Newton about space and time, we move on to the transition from classical to quantum physics and the explanatory role of mathematics.

Content

See the full description of the course in the "Introduction to project" (HUM-417 a) of the fall semester.

Learning Prerequisites

Required courses

Philosophy, epistemology and history of science I (HUM-417a)

Assessment methods

Oral presentation, written essay in small groups.
Evaluation on a semester basis (grade associated to 3 ECTS). Fall semester evaluation is about knowledge acquisition and the elaboration of a project plan. Spring semester evaluation is about the realization of the project. More information is given at the beginning of the academic year.

Supervision

Office hours	Yes
Assistants	Yes
Forum	No