

History and Philosophy of Science (A005610)

Cursusomvang *(nominale waarden; effectieve waarden kunnen verschillen per opleiding)*

Studiepunten 9.0

Studietijd 270 u

Aanbodsessies in academiejaar 2025-2026

A (Jaar)

Engels

Gent

Lesgevers in academiejaar 2025-2026

Schilt, Cornelis Johannes

LW01

Verantwoordelijk lesgever

Ducheyne, Steffen

LW01

Medelesgever

Van Dyck, Maarten

LW01

Medelesgever

Aangeboden in onderstaande opleidingen in 2025-2026

stptn

aanbodsessie

[Research Master of Arts in Philosophy](#)

9

A

Onderwijstalen

Engels

Trefwoorden

History and philosophy of science

Situering

This course is one of the eighteen research seminars that constitute the core of the master programme. Depending on initial qualifications, students enrol for three or five such research seminars.

Inhoud

In this seminar, students will learn to examine philosophy of science issues based on case studies from the history of science. The lecturers' historical expertise is mainly situated in the period between the 16th and early 19th century, with a focus on the natural and bio-medical sciences. The perspectives of philosophy of science can be diverse (methodology, modelling practice, metaphysics, ...), but are always chosen for their relevance for contemporary philosophical debates.

Begincompetenties

Knowledge of philosophy of science and history of science at intermediate level.
Competent in philosophical writing and argumentation.

Eindcompetenties

- 1 Ability to formulate original and innovative research problems based on the duly founded insight into the internationally recognised state-of-the-art in the domain of history and philosophy of science.
- 2 Ability to work out original solutions to the selected research problems within history and philosophy of science, and argue for them clearly and convincingly.
- 3 Ability to deepen one's knowledge of history and philosophy of science independently.
- 4 Ability to report on research orally in a clearly-understood manner.

Creditcontractvoorwaarde

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk na gunstige beoordeling van de competenties

Examencontractvoorwaarde

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

Didactische werkvormen

Werkcollege, Zelfstandig werk

Studiemateriaal

Geen

Referenties**Vakinhoudelijke studiebegeleiding**

Individual help is offered by the lecturers.

Evaluatiemomenten

niet-periodegebonden evaluatie

Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode**Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode****Evaluatievormen bij niet-periodegebonden evaluatie**

Vaardigheidstest, Participatie, Werkstuk

Tweede examenkans in geval van niet-periodegebonden evaluatie

Examen in de tweede examenperiode is mogelijk

Toelichtingen bij de evaluatievormen

Oral presentation of research results, participation in discussions during seminars.

Paper assignments, written research reports.

Eindscoreberekening

Participation & presentation: 40%

Paper: 60%