

History and Philosophy of Science (A005610)

Course size *(nominal values; actual values may depend on programme)*

Credits 9.0

Study time 270 h

Course offerings in academic year 2023-2024

A (Year)

English

Gent

Lecturers in academic year 2023-2024

Schilt, Cornelis Johannes

LW01

lecturer-in-charge

Ducheyne, Steffen

LW01

co-lecturer

Van Dyck, Maarten

LW01

co-lecturer

Offered in the following programmes in 2023-2024

[Research Master of Arts in Philosophy](#)

crdts

offering

9

A

Teaching languages

English

Keywords

History and philosophy of science

Position of the course

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.

Contents

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.

Initial competences

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

Final competences

- 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.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Seminar, Independent work

Learning materials and price

References

Course content-related study coaching

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Assignment

Examination methods in case of periodic assessment during the second examination period

Assignment

Examination methods in case of permanent assessment

Skills test, Participation

Possibilities of retake in case of permanent assessment

not applicable

Extra information on the examination methods

Permanent evaluation: oral presentation of research results, participation in discussions during seminars.

End-of-term evaluation: paper assignments, written research reports.

Calculation of the examination mark

Permanent evaluation: 40%

End-of-term evaluation: 60%