

## History and Philosophy of Science (A005189)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)  
Credits 10.0 Study time 300 h Contact hrs 45.0 h

### Course offerings in academic year 2020-2021

A (year) English Gent

### Lecturers in academic year 2020-2021

|                   |      |                    |
|-------------------|------|--------------------|
| Van Dyck, Maarten | LW01 | lecturer-in-charge |
| Ducheyne, Steffen |      | co-lecturer        |
| Hutchins, Barnaby | LW01 | co-lecturer        |
| Regier, Jonathan  | LW01 | co-lecturer        |

|   |       |          |
|---|-------|----------|
| Offered in the following programmes in 2020-2021      | crdts | offering |
| <a href="#">Research Master of Arts in Philosophy</a> | 10    | 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 16<sup>th</sup> and early 19<sup>th</sup> 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

Learning materials and price

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation and continuous assessment

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

Assignment

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

Assignment

Examination methods in case of permanent evaluation

Participation, skills test

Possibilities of retake in case of permanent evaluation

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%