GHENT UNIVERSITY

Course Specifications

Valid in the academic year 2024-2025

Philosophy of Science II (A000911)

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

Credits 5.0 **Study time 150 h**

Course offerings and teaching methods in academic year 2024-2025

B (semester 1)	Dutch	Gent	seminar
			independent work
			lecture

Lecturers in academic year 2024-2025

Holvoet, Marjolein	LW01	staff member
Weber, Erik	LW01	lecturer-in-charge
Beck, Pieter	LW01	co-lecturer
Lefevere, Merel	LW01	co-lecturer
Zahidi, Karim	LW01	co-lecturer

Offered in the following programmes in 2024-2025	**crdts**	**offering**
Bachelor of Arts in Philosophy	5	B

Teaching languages

Dutch

Keywords

Causation, scientific explanation, scientific revolutions

Position of the course

This advanced course gives insight into some fundamental problems in general philosophy of science, combined with insight on how philosophy of science can be done.

Contents

(1) The following topics are dealt with in the lectures:
Theories of Causation
How to Study Causation?
Theories of Scientific Explanation
How to Study Explanation?
Scientific Revolutions
(2) In the seminars, exercises on these topics are made.
(3) Students write a paper (together with a fellow student) on a topic in philosophy of science that is related to the research of one of the teachers.

Initial competences

To have successfully completed the course Philosophy of Science I or to have acquired the necessary skills by other means.

Final competences

1 Insight into some fundamental problems in general philosophy of science.
2 Insight on how philosophy of science can be done.
3 Ability to write an academic paper on a topic in the philosophy of science, in cooperation with a fellow student.

Conditions for credit contract

Access to this course unit via a credit contract is unrestricted: the student takes into consideration the conditions mentioned in 'Starting Competences'

Conditions for exam contract

Access to this course unit via an exam contract is unrestricted

Teaching methods

Seminar, Lecture, Independent work

Study material

Type: Handbook

Name: Scientific Explanation
Indicative price: Free or paid by faculty
Optional: no
Language : English
Number of Pages : 99
Online Available : Yes
Available through Student Association : No
Usability and Lifetime within the Course Unit : intensive
Usability and Lifetime within the Study Programme : regularly
Usability and Lifetime after the Study Programme : occasionally

Type: Syllabus

Name: Causation
Indicative price: Free or paid by faculty
Optional: no
Language : English
Available on Ufora : Yes
Online Available : No
Available in the Library : No
Available through Student Association : No

References

The course material is partly taken from the book *Scientific Explanation* (Erik Weber, Jeroen Van Bouwel & Leen De Vreese, Springer, 2013).

Course content-related study coaching

Done by the teachers responsible for the course.

Assessment moments

end-of-term assessment

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

Oral assessment, Assignment

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

Oral assessment, Assignment

Examination methods in case of permanent assessment

Possibilities of retake in case of permanent assessment

not applicable

Calculation of the examination mark

100% periodical.
60 oral exam, 40% paper.
The student has to succeed in both parts in order to obtain a credit.

Facilities for Working Students

1. Possible exemption from educational activities requiring student attendance.
2. The examination cannot be rescheduled
3. No alternative time for feedback

For more information concerning flexible learning: contact the monitoring service of the faculty of Arts and philosophy