GHENT UNIVERSITY

Course Specifications

Valid in the academic year 2023-2024

History of Science, Antiquity to the Renaissance (A005372)

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 2023-2024

A (semester 1)	Dutch	Gent	independent work
			lecture

Lecturers in academic year 2023-2024

Vanden Broecke, Steven	LW03	lecturer-in-charge

Offered in the following programmes in 2023-2024	**crdts**	**offering**
Bachelor of Arts in Oriental Languages and Cultures(main subject Arabic and Islamic Studies)	5	A
Bachelor of Arts in Oriental Languages and Cultures(main subject China (China Track))	5	A
Bachelor of Arts in Oriental Languages and Cultures(main subject China (UGent Track))	5	A
Bachelor of Arts in Oriental Languages and Cultures(main subject India)	5	A
Bachelor of Arts in Oriental Languages and Cultures(main subject Japan)	5	A
Bachelor of Arts in African Languages and Cultures	5	A
Bachelor of Arts in Archaeology	5	A
Bachelor of Arts in East European Languages and Cultures	5	A
Bachelor of Arts in History	5	A
Bachelor of Arts in Moral Sciences	5	A
Bachelor of Arts in Philosophy	5	A

Teaching languages

Dutch

Keywords

History of science, antiquity, middle ages, Renaissance.

Position of the course

This basic course offers an introduction to the history of the sciences from Greco-Roman antiquity to the Renaissance (c. 500 BCE -1600 CE).

Contents

On the basis of different scientific disciplines (astronomy, astrology, natural philosophy, medicine, etc.), we investigate the relation between science and its political, social, and cultural context. *Longue durée* developments are also considered.

Initial competences

No prior knowledge of mathematics and science is required. Nor is any knowledge presupposed of Latin or Greek.

Final competences

1 Having insight in basic philosophical, sociological and historical approaches to science
2 Having knowledge of some of the main scientific achievements from the period 500 BC-1600 AD.
3 Being able to situate the Greco-Roman scientific disciplines and their successors in their specific political, social, or cultural context.
4 Having insight in the main differences, both in terms of content and methodology, between these disciplines and their contemporary equivalents.

5 Being able to read premodern scientific texts in a historical-contextual manner.

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

Learning materials and price

*David Lindberg, Pioniers van de westerse wetenschap. De Europese wetenschappelijke traditie in filosofische, religieuze en institutionele context, 600 v.C.-1450 n.C. (Amsterdam: Boom), c. 30 euro
*Selected primary sources, lecturer's notes, ppt's.

References

Course content-related study coaching

Questions and help in class and during office hours.

Assessment moments

end-of-term assessment

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

Oral assessment

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

Oral assessment

Examination methods in case of permanent assessment

Participation

Possibilities of retake in case of permanent assessment

not applicable

Extra information on the examination methods

Oral examination, with written preparation: 70% of the final mark.
Class participation, preparation of weekly readings: 30% of final score.

Calculation of the examination mark

End-of-term assessment (100%)

Facilities for Working Students

1. Possible exemption from educational activities requiring student attendance
2. The examination can be rescheduled
3. Alternative time for feedback is possible

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