

## 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 2024-2025**

A (semester 1)	Dutch	Gent	lecture
			independent work

**Lecturers in academic year 2024-2025**

Vanden Broecke, Steven	LW03	lecturer-in-charge
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**Offered in the following programmes in 2024-2025**

	crdts	offering
<a href="#">Bachelor of Arts in History</a>	5	A
<a href="#">Bachelor of Arts in Moral Sciences</a>	5	A
<a href="#">Bachelor of Arts in Philosophy</a>	5	A
<a href="#">Elective Set The Classical Tradition</a>	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

### **Study material**

Type: Handbook

Name: David Lindberg, The Beginnings of Western Science, 600 B.C. to A.D. 1450

Indicative price: Free or paid by faculty

Optional: no

Online Available : Yes

Available in the Library : Yes

Usability and Lifetime after the Study Programme : occasionally

Type: Syllabus

Name: Weekly lecturer notes

Indicative price: Free or paid by faculty

Optional: no

Type: Slides

Name: Weekly slides

Indicative price: Free or paid by faculty

Optional: no

Type: Reader

Name: Reader of primary and secondary sources

Indicative price: Free or paid by faculty

Optional: no

Type: Handouts

Name: Occasional hand-outs for classroom use

Indicative price: Free or paid by faculty

Optional: no

### **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

