## Course Specifications

**History of Sciences, from the Antiquity until the Renaissance (A005372)**

Valid as from the academic year 2019-2020

### Course Specifications

<table>
<thead>
<tr>
<th>Course size</th>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.0</td>
<td>150 h</td>
<td>45.0 h</td>
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</tbody>
</table>

### Course offerings and teaching methods in academic year 2020-2021

| A (semester 1) | Dutch | guided self-study | 5.0 h |

### Lecturers in academic year 2020-2021

Vanden Broecke, Steven LW03 lecturer-in-charge

Offered in the following programmes in 2020-2021

| Bachelor of Arts in Archaeology | 5 | A |
| Bachelor of Arts in History    | 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 a study 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

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.

### Final competences

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

Access to this course unit via an exam contract is unrestricted

### Teaching methods

Guided self-study, lecture: response lecture
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. 15 euro

*Selected primary sources, lecturer’s notes, ppt.

References

Course content-related study coaching

Questions and help in class and during office hours.

Evaluation methods

end-of-term evaluation

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

Oral examination

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

Oral examination

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Extra information on the examination methods

Oral examination, with written preparation.

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

(Approved)