

## Logic: Capita Selecta (A000724)

**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 2)

Dutch, English

Gent

seminar

**Lecturers in academic year 2024-2025**

Meheus, Joke

LW01

lecturer-in-charge

**Offered in the following programmes in 2024-2025**

[Master of Science in Teaching in Arts and Humanities \(main subject Philosophy\)](#)

**crdts**

5

**offering**

A

[Master of Arts in Philosophy](#)

5

A

[Research Master of Arts in Philosophy](#)

5

A

[Exchange Programme Philosophy and Moral Sciences](#)

5

A

**Teaching languages**

English, Dutch

**Keywords**

logic, philosophical logic, non-standard logic, reasoning, philosophy and logic

**Position of the course**

To familiarize the students with the contemporary logical literature and with techniques that are used in contemporary philosophical logic.

**Contents**

Relying on "Logic I", "Logic II" and other courses from the bachelor study, a series of texts is studied. The attention is centred on texts that break with the views of traditional logic, as developed from Aristotle to the twentieth century. Special attention is paid to underlying philosophical problems, the connection with other philosophical questions, and research techniques that were developed for more recent logics.

**Initial competences**

Good acquaintance

1. with object-level techniques and with the metatheory of classical logic and of some alternative logics,
2. with some central limitative theorems
3. with the philosophical (especially epistemological) significance of all this.

**Final competences**

- 1 To have mastered some contemporary research methods from philosophical logic
- 2 Thorough understanding of a number of non-classical logics
- 3 Insight in the philosophical basis of the main families of non-classical logics

**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, Peer teaching

**Extra information on the teaching methods**

There are four modules and for each module texts are analysed, short presentations are given on the texts read, exercises are made, and solutions are proposed and compared, ...  
The modules for 2021-2022 are: (i) introduction to modal logic, (ii) some basic modal logics, (iii) temporal logics, and (iv) some issues in contemporary modal logic.

#### **Study material**

None

#### **References**

Davide Grossi and Gabriela Pigozzi. Judgement Aggregation: A Primer.  
Priest, Graham. An introduction to non-classical logic. From If to Is.  
Bob Hale, Crispin Wright, and Alexander Miller. A companion to the philosophy of language, second edition, especially chapter 22, "Truthmaker semantics".

#### **Course content-related study coaching**

#### **Assessment moments**

end-of-term and continuous assessment

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

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

Oral assessment, Written assessment, Assignment

#### **Examination methods in case of permanent assessment**

Oral assessment, Participation, Written assessment, Assignment

#### **Possibilities of retake in case of permanent assessment**

examination during the second examination period is possible in modified form

#### **Extra information on the examination methods**

The evaluation in the first examination session is completely non-periodic. The following applies to each module:

- 1 point on participation (constructive participation in the tutorials, oral presentation of solutions to logical problems, critical study of and feedback on the solutions of others)
- 4 points on a "progress test" (oral with written preparation)

The evaluation in the second examination period is only possible in a modified form: 20 points on an oral exam, with written preparation, over the entire material (any points obtained for participation will lapse).

#### **Calculation of the examination mark**

100% non-periodic for the first chance exam

100% periodic for the second chance exam

#### **Facilities for Working Students**

1. Possible rescheduling of the examination to a different time in the same academic year
  2. Feedback can be given by email or during an appointment during office hours
- For more information concerning flexible learning: contact the monitoring service of the faculty of Arts and philosophy