

Admissions in

MSc. Computational Cognitive Science

for students with a Dutch University BSc. degree (2025-2026)

- **Direct admission** to the Master's programme Computational Cognitive Science is possible with a Dutch academic BSc. degree in Artificial Intelligence, a UG BSc. degree in Information Science, or the BSc. degree Data Science and Artificial Intelligence (Maastricht & Leiden University), Cognitive Science and Artificial Intelligence (Tilburg University). Admission is not selective, i.e. your grades are not relevant for admission.
- Students with other BSc. degrees generally cannot be admitted to the programme directly, but there are possibilities for **pre-master programmes** (see below).
- All courses in a pre-master programme will be offered in English. Course unit descriptions are available in the online course unit catalogue [Ocasys](#). A pre-master programme should always be completed within one academic year.
- Students may also be able to take the course units of their assigned pre-master as part of (or during) their own Bachelor's programme. Please contact the [academic advisor](#) if you consider this route.
- **DISCLAIMER:** this sheet offers general information on admission in MSc CCS. Only the CCS Board of Admissions can make decisions about the admission of individual students.

Students with an academic BSc. degree in Psychology

Students with this degree will be admitted to the Master Computational Cognitive Science after successfully completing the following 20 ECTS pre-master programme:

Course code	Course name	ECTS	Period (Ia, Ib, IIa, IIb)
<i>Semester 1</i>			
WBAI003-05	Imperative Programming (for AI)	5	Ia-Ib
WBAI056-05	Introduction to Machine Learning	5	Ib
WBAI063-05	OR* Fundamental Artificial Intelligence		IIb
WBAI009-05	Architectures of Intelligence	5	Ib
<i>Semester 2</i>			
WBAI018-05	Algorithm and Data Structures	5	IIa
Total		20	

* In consultation with the Academic Advisor

Apart from this compulsory pre-master programme, students are highly encouraged to develop their programming skills before starting this Master programme, especially regarding the programming language Python and the Statistics program R.

Students with another relevant academic BSc. degree

Students with a relevant Dutch BSc. degree relating to Artificial Intelligence, Cognitive Science, Brain Science, Psychobiology etc. may be eligible for admission to the master, either unconditionally or after taking a pre-master programme (see below example). If you are interested in this possibility, please contact the [academic advisor](#).

Course code	Course name	ECTS	Period (Ia, Ib, IIa, IIb)
WBAI003-05	Imperative Programming for AI	5	Ia-Ib
WBAI074-05	Introduction to Neuroscience	5	Ia
WBAI049-05	Statistics	5	Ia
WBAI056-05	Introduction to Machine Learning	5	Ib
WBAI009-05	Architectures of Intelligence	5	Ib
Total		25	

Students with a relevant HBO degree

Students from relevant HBO programmes can sometimes be admitted to a pre-master programme. They will be assigned an individual pre-master programme (see below example). They cannot follow courses with us as part of their BSc degree. If you are interested in this possibility, please contact the [academic advisor](#).

Course code	Course name	ECTS	Period (Ia, Ib, IIa, IIb)
WBAI003-05	Imperative Programming for AI	5	Ia-Ib
WBAI018-05	OR* Algorithms and data structures		IIa
WBAI074-05	Introduction to Neuroscience	5	Ia
WBAI049-05	Statistics	5	Ia
WBAI056-05	Introduction to Machine Learning	5	Ib
WBAI009-05	Architectures of Intelligence	5	Ib
FI203AI	Philosophy of AI and Cognition	5	IIa
WBAI077-05	Computational Methods in Neuroscience Practical	5	IIa
WBAI022-05	General Linguistics	5	IIb
WBAI059-05	OR* Natural Language Processing		IIa
WBAI011-05	Data Analytics and Communication	5	IIb
WBAI063-05	Fundamental Artificial Intelligence	5	IIb
Total		50	

* In consultation with the Academic Advisor