

Sciences cognitives

SCIENCES, TECHNOLOGIES, SANTÉ

PARCOURS PROPOSÉS

Master Sciences cognitives - Parcours :
Linguistique Computationnelle / Computational
Linguistics

Master Sciences cognitives - Parcours :
Neurosciences Cognitives / Cognitive
Neuroscience

Master Sciences cognitives - Parcours :
Neurosciences Computationnelles et
Intelligence Artificielle / Computational
Neuroscience and Artificial Intelligence

Master Sciences cognitives - Parcours :
Philosophie / Philosophy

Master Sciences cognitives - Parcours :
Psychologie / Psychology

Master Sciences cognitives - Parcours :
Sciences Cognitives et Société / Cognitive
Science and Society

Présentation

The Master in Cognitive Science cog-SUP

- * **An interdisciplinary and collaborative master's program in Cognitive Science, taught in English.** We offer a very broad interdisciplinary openness and a fundamentally collaborative spirit, bringing together professors, researchers and students from very different backgrounds, united by common research questions. The big majority of courses are in English (except otherwise stated).
- * **A master's program structured around a unified core curriculum complemented by robust disciplinary**

tracks. To maintain a well-balanced and foundationally sound interdisciplinary education, Cog-SUP is organized into six tracks:

- Psychology
- Philosophy
- Computational linguistics
- Neuroscience
- Computational neuroscience and artificial intelligence
- Cognitive science and society

These tracks ensure the acquisition of genuine expertise in the concepts, methods, and techniques specific to each discipline, enhancing the clarity of skills associated with the diploma. The program establishes a common cultural foundation from the first year (M1) through a core curriculum and introductory courses to the different disciplines. In the second year (M2), the majority of courses are fully interdisciplinary and open to students from all tracks. Our goal is to cultivate cognitivists equipped with both robust disciplinary expertise and a broad interdisciplinary culture, essential elements for fostering meaningful collaboration across disciplines.

- * **A master's degree focused on field experience.** In all tracks, a field placement (lab or other) is compulsory already during the M1 year. Half of M2 validation is based on a long internship that takes up the entire second semester. Internships can take place in any laboratory of your choice, whatever its affiliation. The only prerequisites are that the internship be relevant to cognitive science themes, and that the host laboratory be a reliable partner. The same applies to internships in the private sector or in government agencies. This site [[link](#)] lists a number of

Pour en savoir plus, rendez-vous sur > u-paris.fr/choisir-sa-formation

internship opportunities common to the parisian Masters programs in cognitive science.

* **Innovative teaching methods, new contents addressing contemporary issues.** Cognitive science and educational science have widely demonstrated the positive effects of active pedagogies on learning. We use innovative teaching methods such as flipped classrooms or problem-based and project-based learning. In terms of content, cog-SUP also provides a unique offering of courses, including classic themes as well as new ones that are not available elsewhere in France. Examples include compulsory multidisciplinary courses in the ethics of cognition in M1, and computational psychiatry, among others.

* **A master program attentive to the human, ecological, societal and ethical issues of cognitive science:** Our understanding of human and animal cognition, as well as the development of artificial intelligence, are experiencing a boom that has no precedent in the history of humanity. Cognitive science plays a central role in this development. Society's expectations of cognitive science are therefore very high, and in return imply great responsibilities. Our curriculum addresses current major issues in cognitive science on ecological transition, mental health, education, artificial intelligence, etc., while providing bases for ethical reflection. Our goal is to train researchers and cognitivists aware of their potential but also of their responsibilities and limits, and attentive to human values.

* **A master that promotes scientific excellence within a French open university model:** Université Paris Cité and Sorbonne Université are two major universities in Paris. These universities are heirs to a rich tradition in core disciplines of cognitive science, neuroscience, psychology, philosophy, artificial intelligence... with prestigious pioneers of these disciplines such as **Jean-Martin Charcot**, **Paul Broca**, **Alfred Binet**, and, more recently, **Yann LeCun**. cog-SUP is in keeping with the spirit of French universities, which aims to allow all those who wish to do so and who demonstrate their academic qualities to access the best training from the best specialists in the field.

Programme

ORGANISATION

The master's student must register to one of the tracks. These tracks ensure the acquisition of genuine expertise in the concepts, methods, and techniques specific to each discipline, enhancing the clarity of skills associated with the diploma. The program establishes a common cultural foundation from the first year (M1) through a core curriculum and introductory courses to the different disciplines. In the second year (M2), the majority of courses are fully interdisciplinary and open to students from all tracks. Our goal is to cultivate cognitivists equipped with both robust disciplinary expertise and a broad interdisciplinary culture, essential elements for fostering meaningful collaboration across disciplines.

Admission

PRÉ-REQUIS

Minimum requirements for application

- * An undergraduate diploma in one of the foundational disciplines of cognitive science, coherent with the major to which you will apply: Psychology, Biology, Philosophy, Linguistics, Mathematics, Physics, Computer Science OR An equivalent to M1 level within an engineering curriculum or a medicine curriculum.
- * Other backgrounds may be eligible and are considered on a case-by-case basis.
- * Minimum English level equivalent to C1

<https://rm.coe.int/>

[CoERMPublicCommonSearchServices/
DisplayDCTMContent?documentId=090000168045bb52](https://rm.coe.int/CoERMPublicCommonSearchServices/DisplayDCTMContent?documentId=090000168045bb52)

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* Knowledge of the French language is not required for the admissions nor for courses, but it is important to have basics of French for your everyday life in Paris.

Contacts

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En bref

Composante(s)

UFR des Sciences fondamentales et biomédicales, UFR
Linguistique

Niveau d'études visé

BAC +5 (niveau 7)

ECTS

120

Modalité(s) de formation

- Formation initiale

Langue(s) des enseignements

- Anglais

Lieu de formation

Campus Saint Germain des Prés

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