

MASTER OF ARTS EN SCIENCES COGNITIVES

PLAN D'ÉTUDES DU MASTER OF ARTS EN SCIENCES COGNITIVES

En vigueur depuis la rentrée 2026-2027

STRUCTURE DES ÉTUDES					
Bloc/Module	Obl./Opt.	ECTS	Année	Compensation	Prérequis
Pilier principal (120 ECTS)					
Compulsory courses: Propedeutics	Obligatoire	12	1	No	
Compulsory courses: Integration	Obligatoire	12	1	No	
Compulsory courses: Methods	Obligatoire	12	1	No	
Orientations: Spécialisations	Obligatoire	24	1	No	
Research Training	Obligatoire	30	2	No	
Master thesis	Obligatoire	30	2	No	

COMPOSITION DU PILIER

Master of Arts en sciences cognitives

120 ECTS

1st year

Compulsory courses: Propedeutics					Compulsory	12 ECTS
Neurosciences / Brain and cognition	A	2 hw	Course	WE 2h	Compulsory	6 ECTS
Philosophy of mind	A	2 hw	Seminar	CA graded	Compulsory	3 ECTS
Human evolution	A	3 hw	Course	CA graded	Compulsory	3 ECTS

Compulsory courses: Integration					Compulsory	12 ECTS
Integrative models	A	3 hw	Course	CA graded	Compulsory	6 ECTS
Integrative models seminar	A	2 hw	Seminar	CA graded	Compulsory	3 ECTS
Seminar series of invited speakers	A + S	2 hw	Seminar	CA pass	Compulsory	3 ECTS

Compulsory courses: Methods					Compulsory	12 ECTS
Methods in cognitive science I	A	6 hw	Course-seminar	CA graded	Compulsory	6 ECTS
Methods in cognitive science II	S	2 hw	Course-seminar	CA graded	Compulsory	3 ECTS
Scientific writing for specific purposes	A	3 hw	Course-seminar	CA graded	Compulsory	3 ECTS

Orientations: Spécialisations					Compulsory	24 ECTS
Social cognition and development	S	2 hw	Course	CA graded	Elective	6 ECTS
Cognitive socio-anthropology	S	2 hw	Seminar	CA graded	Elective	6 ECTS
Meaning and cognition	S	2 hw	Seminar	CA graded	Elective	6 ECTS
Behavioural Ecology	S	2 hw	Seminar	CA graded	Elective	3 ECTS
→ Those teachings must be taken together. They correspond to the bloc Animal Cognition I for 6ECTS. Each teaching is evaluate individually. The average of both grades will validate the bloc.						
Comparative cognition	S	2 hw	Seminar	CA graded	Elective	3 ECTS
→ Those teachings must be taken together. They correspond to the bloc Animal Cognition I for 6ECTS. Each teaching is evaluate individually. The average of both grades will validate the bloc.						
Advanced Behavioural Physiology	S	2 hw	Seminar	CA graded	Elective	3 ECTS
→ Those teachings must be taken together. They correspond to the bloc Animal Cognition II for 6ECTS. Each teaching is evaluate individually. The average of both grades will validate the bloc. Animal Cognition II can not be taken without Animal Cognition I						
Practicals in behavioural physiology	S	2 hw	Seminar	CA graded	Elective	3 ECTS
→ Those teachings must be taken together. They correspond to the bloc Animal Cognition II for 6ECTS. Each teaching is evaluate individually. The average of both grades will validate the bloc. Animal Cognition II can not be taken without Animal Cognition I						
Communication and coordination	S	2 hw	Course	CA graded	Elective	6 ECTS
Communication and deception	S	2 hw	Seminar	CA graded	Elective	6 ECTS
Cognitive science and the Arts	S	2 hw	Seminar	CA graded	Elective	6 ECTS
Free elective					Elective	6 ECTS
→ Up to 6 ECTS free elective(s) can be taken among the relevant teachings of UniNE or in the Triangle Azur / BeNeFri universities with the agreement of the head of programme.						
Total 1st year						60 ECTS

2nd year						
Research Training					Compulsory	30 ECTS
Research Training	A / S		Internship	CA graded	Compulsory	30 ECTS
Master thesis					Compulsory	30 ECTS
Master thesis	A / S		Thesis	CA graded	Compulsory	30 ECTS
Total 2nd year						120 ECTS
Total 1st and 2nd years						120 ECTS

The specifics characteristics of each course are specified in the online course descriptions.

Legends

A : Autumn semester S : Spring semester hw : Hour per week

CA (pass)= continuous assessment without grading, modalities fixed in course descriptives CA (graded)= continuous assessment that is graded, modalities fixed in course descriptives

WE = written exam

Note

The credits taken into account when calculating academic success are those dictated by the evaluation modalities for each teaching, which are established by the study plans and further detailed in the courses' descriptions. Should an online examination session be planned by the rectorate, the modalities established by the study plans for each teaching are to take place as follows :

- written exams are taken as online written exams, usually with the same allotted time;
- oral exams are taken as online oral exams, usually with the same allotted time.

When the evaluation modality is set outside of the examination session timeframe (graded or non-graded continuous assessment), the same modality is applied even in case of an online session. When necessary, the modality of an evaluation will be adapted to the circumstances according to the professor's indications detailed in the course's description at the

Acquis de formation

Au terme de la formation, l'étudiant-e sera capable de :

1. Connaissances et compréhension:

- Décrire les facteurs évolutionnaires qui sous-tendent les comportements sociaux et cognitifs des humains et d'autres espèces
- Spécifier les propriétés de l'esprit d'un point de vue philosophique
- Expliquer l'organisation et le fonctionnement général du cerveau
- Définir les sciences cognitives et illustrer leurs méthodes
- Associer les approches de différentes disciplines à des problématiques cognitives communes

2. Application des connaissances et de la compréhension:

- Mettre en œuvre des stratégies efficaces d'analyse des comportements humains en relation avec leur dimension cognitive et communicative
- Combiner les méthodes de plusieurs disciplines en sciences et sciences humaines et sociales sur l'investigation de la cognition et de la communication
- Créer des protocoles expérimentaux originaux et réaliser des expériences concrètes
- Appliquer des procédures statistiques pour effectuer des inférences empiriques appropriées

3. Capacité de former des jugements:

- Analyser les phénomènes psychosociaux de manière interdisciplinaire
- Evaluer la place de différents niveaux d'activité de la cognition humaine dans le comportement humain : langage, raisonnement, heuristiques, cognition sociale, écologie du comportement, développement cognitif.

4. Savoir-faire en termes de communication:

- Rédiger des résultats de recherche selon les normes des publications internationales
- Intégrer les thématiques de recherche personnelle dans le cadre d'autres équipes scientifiques lors de stages et de travaux de terrain
- Expliquer des notions complexes en termes accessibles

5. Capacités d'apprentissage en autonomie :

- Synthétiser des démarches en provenance de plusieurs disciplines en vue de son propre développement intellectuel et scientifique
- Identifier ses propres besoins de développement professionnel